

# TECHNICAL CATALOG





## ABOUT US

### **YOKOHAMA OFF-HIGHWAY TIRES**

Yokohama Off-Highway Tires (YOHT) is the division of The Yokohama Rubber Co. Ltd, Japan (YRC). This division is a collection of completely owned subsidiary companies of YRC that collectively manage the “Off-Highway Tires” business. YOHT has the end-to-end responsibility of designing, developing, manufacturing, marketing and selling these specialized tires.

### **ALLIANCE**

Alliance is one of the flagship brands of Yokohama Off-Highway Tires and is a global name to reckon with. Alliance has always been at the forefront in offering products that help customers achieve high productivity at every stage of their operations. Alliance offers a wide range of tailor-made products that are carefully engineered keeping the latest technology in mind for segments such as agriculture, forestry, construction & industrial, mining, ports, earthmoving, and lawn & turf. Alliance has been a market leader in the row crop segment and is a pioneer in flotation tires.

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TRA Code

Construction parameters

Application icons

Collection of all the icons used in the book

### AGRIFLEX 372 R-1R SB SG

The advanced AGRIFLEX 372 Improved Flexion (F) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly larger footprint leading to less soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1R pattern ensures excellent grip as well as long life on hard surfaces.

Size	Ref.	Unloaded dimensions		Loading State	Rolling Circumference	Load Index	Load Capacity	Recommended max. by the Special load index		Fuel capacity
		mm	in					mm	in	
420/85R372	0016	405	15.9	350	3200	15	3000	20	3200	200

### AGRI-STAR XL 378 R-1R

The Agristar XL 378 Large Volume series is dedicated for application on High Power Tractors, Combines Harvesters and Big Tractors. Agri-star XL 378 provides very good performance at the prime level of standard tires.

Size	Ref.	Unloaded dimensions		Loading State	Rolling Circumference	Load Index	Load Capacity	Recommended max. by the Special load index		Fuel capacity
		mm	in					mm	in	
420/85R378	0016	405	15.9	350	3200	15	3000	20	3200	200

## ICONS MASTER

### APPLICATIONS

### DIFFERENTIATORS

**AS**  
ALL STEEL

**SC**  
SPECIAL COMPOUND

**SB**  
STEEL BELTED

**HRC**  
HEAT RESISTANT COMPOUND

**WRC**  
WEAR RESISTANT COMPOUND

**C+C**  
OUTSHP POLY-DIOL COMPOUND

**SG**  
STURBLE GUANO

## Basic tire related technical information

### Basic Tire and Rim Terms

CONSTRUCTION AND COMPONENT PARTS

#### TIRE DEFINITIONS

**Overall Diameter (OD)**  
In steel diameter of the Tire under reference tire pressure.  
This parameter is measured after the tire is properly mounted on the reference rim and is steel at the pressure recommended by the manufacturer for at least 24 hours without any load.

**Overall Width (OW)**  
In steel width of the Tire under reference Tire pressure on the sidewalls.

**Section Width (SW)**  
In steel width of the Tire under reference Tire pressure excluding any bars, belts or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and is steel at the pressure recommended by the manufacturer for at least 24 hours without any load.

**Static Loaded Radius**  
It is the maximum radius acquired by the Tire under reference load and pressure at static condition.

**Tread Width**  
The distance between the extreme edges of the tread, as measured at the surface of the tread.

**Nominal Rim Diameter**  
Outer diameter of load steel area of rim, in mm.

**Section Height** = Overall Tire Diameter - Nominal Rim Diameter

**Rim Width**  
The distance between the angles of the rim.

**Load Index**  
The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire. When comparing tires, the higher the load index number, the higher the load capacity.

**Speed Code**  
The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

# AGRICULTURE







**TRACTOR**



# RADIAL TRACTOR



## 372 AGRIFLEX+

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD

The advanced 372 AGRIFLEX+ Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Not high and sustained torque; Road transport					Cyclic*		CFO*						
				10 6	15 9	20 12	50 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19				
VF520/80R26	DW16L	505	1465	627	4335	168A8	2.8	6000	5600	5600	5100	-	-	-	7448	6216	
	DW18L	19.9	57.7	24.7	170.7		41	13230	12350	12350	11240	-	-	-	16420	13700	
VF 750/65R26	DW25B	754	1636	698	4755	177B	2.4	7820	7300	7300		7300	6640	3	10220	-	-
	DW27B	29.7	64.4	27.5	187.2		35	17240	16090	16090		16090	14640	44	22530	-	-
VF 420/85R28	W15	448	1437	628	4254	151D	1.6	3700	3450	3450	-	3450	3140	2	5348	-	-
	W14	17.6	56.6	24.7	167.5		23	8160	7610	7610	-	7610	6920	29	11790	-	-
VF 600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	-	3000	2730	1.3	4650	-	-
		23.2	56.3	24.4	163.7		15	7070	6610	6610	-	6610	6010	18	10240	-	-
VF 600/65R28 CFO	DW21B	606	1485	650	4382	163D	2	5220	4875	4875	-	4875	4440	-	-	6480	5410
	DW20B	23.9	58.5	25.6	172.5		29	11510	10750	10750	-	10750	9790	-	-	14290	11930
VF 600/70R28 CFO	DW21B	625	1560	681	4602	173D	2.8	6960	6500	6500	-	6500	5920	3.5	10075	-	-
	DW20B	24.6	61.4	26.8	181.2		41	15330	14320	14320	-	14320	13040	51	22190	-	-
VF 600/60R30	DW20B	590	1490	651	4335	147D	1	3290	3075	3075	-	3075	2800	1.3	4766	-	-
		23.2	58.7	25.6	170.7		15	7250	6770	6770	-	6770	6170	18	10500	-	-
VF 600/70R30 CFO	DW21B	625	1600	715	4724	170D	2.4	6430	6000	6000	-	6000	5460	3	9300	-	-
	DW20B	24.6	63	28.1	186		35	14160	13220	13220	-	13220	12030	44	20480	-	-
VF 620/75R30	DW23B	650	1675	720	4866	169D	1.6	6210	5800	5800	-	5800	5280	-	-	7714	6438
	DW20B	25.6	65.9	28.3	191.6		23	13690	12790	12790	-	12790	11640	-	-	17010	14190
VF 650/75R30 CFO	DW23B	660	1720	734	4964	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8379	6993
	DW21B	26	67.7	28.9	195.4		23	14870	13880	13880	-	13880	12620	-	-	18460	15400
VF 710/55R30	DW25B	710	1545	675.35	4755	165D	1.6	5520	5150	5150		5150	4690	2	7210	-	-
	DW23B	28	60.8	26.6	187.2		23	12170	11350	11350		11350	10340	29	15900	-	-
VF 710/60R30 NRO	DW25B	710	1615	696	4744	171D	2	6590	6150	6150		6150	5600	2.5	8610	-	-
	DW23B	28	63.6	27.4	186.8		29	14530	13560	13560		13560	12350	36	18980	-	-
VF800/65R32 CFO	DW27B	775	1845	796	5433	184D	2.4	9640	9000	9000		9000	8190	-	-	11970	9990
		30.5	72.6	31.3	213.9		35	21230	19820	19820		19820	18040	-	-	26370	22000
VF 600/70R34	DW21B	625	1705	672.85	4982	167D	1.6	5840	5450	5450		5450	4960	2	7630	-	-
	DW20B	24.6	67.1	26.5	196.1		23	12880	12020	12020		12020	10940	29	16820	-	-
VF650/65R34 CFO NRO	DW23B	650	1720	753	4960	167D	1.6	5840	5450	5450		5450	4960	2	8448	-	-
	DW20B	25.6	67.7	29.6	195.3		23	12880	12020	12020		12020	10940	29	18630	-	-
VF 520/85R38	DW16L	530	1850	808	5485	170D	2	6430	6000	6000		6000	5460	2.5	8400	-	-
	DW18L	20.9	72.8	31.8	215.9		29	14180	13230	13230		13230	12040	36	18520	-	-
VF 710/60R38 NRO	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	-	4500	4100	1.3	6975	-	-
	DW23B	28	71.5	31.6	209.2		15	10620	9910	9910	-	9910	9030	18	15360	-	-
VF 710/70R38	DW25B	720	1959	843	5717	178D	1.6		7500	7500	8040	7500	6830	-	-	-	-
	DW24B DW23B	28.3	77.1	33.2	225.1		23		16540	16540	17730	16540	15060	-	-	-	-
VF 710/85R38-NRO	DW25B	730	2165	931	6330	183D	1.6	9380	8750	8750		8750	7960	2	12250	-	-
		28.7	85.2	36.7	249.2		23	20680	19290	19290		19290	17550	29	27010	-	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport							Cyclic*		CFO*		
						bar psi	10 6	15 9	20 12	50 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19	
VF 900/60R38 CFO NRO	DW30B	888	2035	876	5964	187A8	2	10450	9750	9750	–	9750	8870	–	–	12968	10823
	DW28B	35	80.1	34.5	234.8		29	23020	21480	21480	–	21480	19540	–	–	28560	23840
VF 580/85R42 NRO	DW20B	595	2040	910	6054	183D	2.8	9380	8750	8750	–	8750	7960	3.5	12250	–	–
		23.4	80.3	35.8	238.3		41	20680	19290	19290	–	19290	17550	51	27010	–	–
VF 620/70R42	DW12B	620	1935	848	5716	172D	1.6	6750	6300	6300	–	6300	5730	–	–	8380	6990
	DW20B	24.4	76.2	33.4	225		23	14880	13890	13890	–	13890	12630	–	–	18480	15410
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	–	7300	6640	–	–	9709	8103
	DW18L	21.3	77	34.4	228.6		40	17240	16090	16090	–	16090	14640	–	–	21410	17860
VF 710/60R42 NRO	DW25B	710	1923	850	5656	161D	1	4960	4625	4625	–	4625	4210	1.3	7169	–	–
	DW23B	28	75.7	33.5	222.7		15	10930	10190	10190	–	10190	9270	18	15790	–	–
710/70R42 VF CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	–	9250	8420	2.4	–	12303	10268
	DW24B	29.3	81.2	36.4	239.9		35	21850	20390	20390	–	20390	18560	35	–	27120	22640
710/75R42 VF CFO	DW25B	725	2153	940	6279	181D	1.6	8840	8250	8250	–	8250	7510	1.6	–	10973	9158
		28.5	84.8	37	247.2		23	19490	18190	18190	–	18190	16560	23	–	24190	20190

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum RCI	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed									
		mm in	mm in	mm in	mm in	CFO		Not high and sustained torque; Road transport									
						bar psi	15 kmph	30 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph	40 kmph	45 kmph	50 kmph	
VF800/70R32CFO	DW27B	820	1933	816	5730	185A8	2	14338	12025	9713	9620	9528	9435	9343	9250	8880	8418
		32.3	76.1	32.1	225.6		29	31610	26510	21410	21210	21010	20800	20600	20390	19580	18560

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport							Cyclic*					
						bar psi	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43	Press. bar psi	Load 10 6		
VF620/70R26CFO	DW21B	626	1485	644	4341	170D	2.4	6600	6180	6120	6000	6000	6000	6000	6000	5460	3.2	8400
		24.6	58.5	25.4	170.9		35	14550	13625	13492	13228	13228	13228	13228	13228	12037	46	18519
VF540/65R30	DW20B	549	1464	659.2	4346	161D	2.4	5088	4810	4718	4625	4625	4625	4625	4625	4209	3.2	6475
		21.6	57.6	26	171.1		35	11217	10604	10401	10196	10196	10196	10196	10196	9279	46	14275
VF650/60R34	DW23B	650	1644	731.4	4845	168D	2	6160	5824	5712	5600	5600	5600	5600	5600	5096	2.8	7840
		25.6	64.7	28.8	190.7		29	13580	12840	12593	12346	12346	12346	12346	12346	11235	41	17284
VF710/60R34	DW25B	710	1715	753.7	5105	173D	2	7150	6695	6630	6500	6500	6500	6500	6500	5915	2.8	9100
		DW24B	28	67.5	29.7	201		29	15763	14760	14617	14330	14330	14330	14330	14330	13040	41

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										Recommended Load Speed
		SW	OD					Speed										
		mm in	mm in	mm in	mm in	TRACTOR APPLICATION										Cyclic operations		
						bar psi	10 kmph	20 kmph	30 kmph	40 kmph	50 kmph	60 kmph	65 kmph	70 kmph	bar psi		10 kmph	
VF540/65R38	DW20B, DW18L, NRODW16L	549	1667	753	4951	162D	2	5225	4940	4845	4750	4750	4750	4750	4750	4323	2.8	6650
		21.6	65.6	29.6	194.9		29	11520	10890	10680	10470	10470	10470	10470	10470	9530	41	14660
VF650/85R38	DW23B, DW21B, DW20B	663	2071	901	6049	182D	2	9350	8840	8670	8500	8500	8500	8500	8500	7735	2.8	11900
		26.1	81.5	35.5	238.1		29	20610	19490	19110	18740	18740	18740	18740	18740	17050	41	26240
VF650/60R38	DW23B, DW21B	650	1745	781	5128	173D	2.4	7150	6760	6630	6500	6500	6500	6500	6500	5915	3.2	9100
		25.6	68.7	30.7	201.9		35	15760	14900	14620	14330	14330	14330	14330	14330	13040	46	20060

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										Inflation Pressure	Recommended Load
		SW	OD					Speed											Cyclic operations
								TRACTOR APPLICATION											
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	psi	kmph			
VF480/60R28	DW16L, W15L	470	1287	573	3762	149D	2	3575	3380	3315	3250	3250	3250	3250	2958	2.8	4550		
		18.5	50.7	22.6	148.1		29	7880	7450	7310	7170	7170	7170	7170	6520	41	10030		
VF600/60R38	DW20B	587	1685	763.6	4996	168D	2.4	6160	5824	5712	5600	5600	5600	5600	5096	3.2	7840		
	DW21B DW18L	23.1	66.3	30.1	196.7		35	13580	12840	12593	12346	12346	12346	12346	11235	46	17284		
VF600/60R34	DW20B	587	1584	696.5	4647	149D	1	3575	3380	3315	3250	3250	3250	3250	2958	1.8	4550		
	DW21B DW18L	23.1	62.4	27.4	183		15	7882	7452	7308	7165	7165	7165	7165	6521	26	10031		
VF710/75R38	DW24B	705	2031	878.9	5991	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	2.8	12250		
	DW25B DW23B	27.8	80	34.6	235.9		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010		
VF750/70R44	DW25B	742	2168	953	6403	186D	2	10450	9880	9690	9500	9500	9500	9500	8645	2.8	13300		
	DW24B	29.2	85.4	37.5	252.1		29	23040	21780	21360	20940	20940	20940	20940	19060	41	29320		
VF540/65R38	DW20B	549	1667	753	4951	162D	2	5225	4940	4845	4750	4750	4750	4750	4323	2.8	6650		
	DW18L DW16L	21.6	65.6	29.6	194.9		29	11520	10890	10680	10470	10470	10470	10470	9530	41	14660		
VF750/75R46	DW25B	742	2294	1027	6765	191D	2.4	11990	11336	11118	10900	10900	10900	10900	9919	3.2	15260		
		29.2	90.3	40.4	266.3		35	26430	24990	24510	24030	24030	24030	24030	21870	46	33640		
VF650/85R42	DW23B	666	2170	958	6342	183D	2	9625	9100	8925	8750	8750	8750	8750	7963	2.8	12250		
		26.2	85.4	37.7	249.7		29	21220	20060	19680	19290	19290	19290	19290	17560	41	27010		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										Inflation Pressure	Cyclic operations
		SW	OD					Speed											Cyclic operations
								Tractor Application											
		mm	mm					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	psi	kmph			
VF800/70R42	DW28B	804	2187	957	6440	189D	2	11330	10712	10506	10300	10300	10300	10300	7735	2.8	14420		
	DW27B DW25B	31.7	86.1	37.7	253.5		29	24980	23620	23160	22710	22710	22710	22710	17050	41	31790		
VF650/60R42	DW23B	650	1847	826	5413	157D	1	4538	4290	4208	4125	4125	4125	4125	3754	1.6	4970		
	DW20B	25.6	72.7	32.5	213.1		15	10010	9460	9280	9090	9090	9090	9090	8280	26	12730		
VF650/65R38	DW23B	650	1811	808	5341	180D	3.2	8800	8400	8320	8240	8160	8000	8000	7280	-	-		
	DW20B (NRO)	25.6	71.3	31.8	210.3		46	19400	18520	18340	18170	17990	17640	17640	16050	-	-		

# 372 AGRIFLEX

**R-1W**

**SB**

**SG**

STEEL BELTED

STUBBLE GUARD



The advanced 372 AGRIFLEX Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern ensures excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Cyclic*		CFO*	
		mm in	mm in	Not high and sustained torque; Road transport						Press. bar psi	Load 10 6	Load 15 9	Load 30 19				
		mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44		
IF420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970	-	2900	2640	2	4495	-	-
	W14	17.6	56.6	25	167.8		23	8000	7140	6540	-	6390	5810	29	9900	-	-
IF600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130	-	5000	4550	3	7750	-	-
	DW20B	24.6	61.4	27.4	181		35	13770	12290	11300	-	11010	10020	44	17070	-	-
IF600/70R30	DW20	615	1610	720	4770	159D	1.6	5470	4890	4480	-	4375	3980	2	6781	-	-
		24.2	63.4	28.3	187.8		23	12050	10770	9870	-	9640	8770	29	14940	-	-
		165D	2.4	6440	5750	5280	-	5150	4690	3	7983	-	-				
IF520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590	-	5450	4960	3	8448	-	-
	DW18L	21.3	72.8	32.8	215.8		35	15000	13410	12310	-	12000	10930	44	18610	-	-
IF520/85R42	DW16L	540	1955	879	5825	169D	2.4	7250	6480	5950	-	5800	5280	3	8990	-	-
	DW18L	21.3	77	34.6	229.3		35	15970	14270	13110	-	12780	11630	44	19800	-	-
IF710/70R42	DW25B	745	2062	929	6114	179D	2.4	9690	8650	7940	-	7750	7050	3	12013	-	-
	DW24B DW23B	29.3	81.2	36.6	240.7		35	21340	19050	17490	-	17070	15530	44	26460	-	-

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press bar psi	Recommended Load									
		SW	OD					Speed						Cyclic*		CFO*	
		mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
		mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
IF 520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	7980	6700	6440	5750	5280	-	-	5150	-	
		19.9	57.7	25.6	172.1		46	17590	14770	14200	12680	11640	-	-	11350	-	
IF 600/65R28 CFO	DW21B DW20B, W18L	606	1485	666	4418	160D	2.4	6975	5850	5630	5030	4610	-	-	4500	410	
		23.9	58.5	26.2	173.9		35	15380	12900	12410	11090	10160	-	-	9920	9040	
IF 620/75R30 CFO	DW23B DW21B	650	1675	734	4879	164D	1.6	7750	6500	6250	5580	5130	-	-	5000	4550	
		25.6	65.9	28.9	192.1		23	17090	14330	13780	12300	11310	-	-	11020	10030	
IF 650/75R30 CFO	DW23B DW21B	660	1720	754	5007	166D	1.6	8215	6890	6630	5920	5430	-	-	5300	4820	
		26	67.7	29.7	197.1		23	18110	15190	14620	13050	11970	-	-	11680	10630	
IF 1250/50R32 CFO	DH44B	1250	2080	905	6211	201B	3.2	22480	18850	18130	16190	14860	-	14500	-	-	
		49.2	81.9	35.6	244.5		46	49560	41560	39970	35690	32760	-	31970	-	-	
IF 900/60R32 CFO	DW30B	885	1890	847	5612	188D	3.2	15500	13000	12500	11170	10250	-	-	10000	9100	
		34.8	74.4	33.3	220.9		46	34170	28660	27560	24630	22600	-	-	22050	20060	
		192D	4	17360	14560	14000	12510	11480	-	-	11200	10190					
IF 800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	11625	9750	9380	8380	7690	7500	-	-	-	
		30.5	72.6	32.1	214.5		35	25630	21500	20680	18480	16950	16540	-	-	-	
IF 800/70R32 CFO	DW27B DW25B	784	1933	857	5704	182A8	2.4	13175	11050	10630	9490	8710	8500	-	-	-	
		30.9	76.1	33.7	224.6		35	29050	24360	23440	20920	19200	18740	-	-	-	
IF 650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	7170	6010	5780	5160	4740	-	-	4625	4210	
		25.6	67.7	30.3	198.1		23	15810	13250	12740	11380	10450	-	-	10200	9280	
IF 900/60R38 CFO	DW30B DW31B	880	2035	897	5998	184A8	2.4	13950	11700	11250	10050	9230	-	-	9000	8190	
		34.6	80.1	35.3	236.1		35	30750	25790	24800	22160	20350	-	-	19840	18060	
IF 800/70R38 CFO	DW27B DW25B	820	2085	926	6144	184A8	2.4	13950	11700	11250	10050	9230	9000	-	-	-	
		32.3	82.1	36.5	241.9		35	30750	25790	24800	22160	20350	19840	-	-	-	
		187A8	2.8	15113	12675	12190	10890	9990	9750	-	-	-					
IF 710/85R38 CFO	DW25B	730	2165	956	6294	178D	1.6	11625	9750	9380	8380	7690	-	-	7500	6830	
		28.7	85.2	37.6	247.8		23	25630	21500	20680	18480	16950	-	-	16540	15060	
IF 710/75R42 CFO	DW25B	725	2150	951	6318	176D	1.6	11005	9230	8880	7930	7280	-	-	7100	6460	
		28.5	84.6	37.4	248.7		23	24260	20350	19580	17480	16050	-	-	15650	14240	
IF 580/85R42 CFO	DW20B	595	2040	918	6047	178D	2.8	11625	9750	9380	8380	7690	-	-	7500	6830	
		23.4	80.3	36.1	238.1		41	25630	21500	20680	18480	16950	-	-	16540	15060	

# 378 AGRI-STAR XL R-1W



The 378 Agri-star XL Large Volume series is dedicated for application on High Power Tractors, Combines / Harvesters and big Trailers. 378 Agri-star XL provides very good performance at the price level of standard tires.

Specific tread pattern and tire construction enables use on numerous multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth run on hard surfaces, combined with high traction and excellent self cleaning abilities. Strong textile casing, reinforced by rigid belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area.

Long tread life is provided by advanced rubber compound which along with durable sidewalls, contribute to a longer overall tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		Speed, km/h (mph)																
		Not high and sustained torque;							Field operation									
		Road transport							Low Torque		High Torque							
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	70 44	10 6	20 12	10 6	
620/75R30 Steel Belted	DW20	590	1692	760.6	5142	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820	-	-	-
		23.2	66.6	29.9	202.4	169A8	46	26850	17510	13830	13440	12780	12270	11670	10620	-	-	-
710/55R30	DW23	677	1516	667	4459	153D	1.6	8400	5480	4330	4200	4000	3830	3650	3320	5600	4800	4280
		26.7	59.7	26.3	175.6		23	18500	12070	9540	9250	8810	8440	8040	7310	12330	10570	9430
710/60R30	DW23B	705	1616	723	4858	162D	2.4	10930	7130	5630	5460	5200	4990	4750	4320	7280	6240	5560
		27.8	63.6	28.5	191.3	165A8	35	24070	15700	12400	12030	11450	10990	10460	9520	16040	13740	12250
600/70R34	DW20B DW18L W18L	610	1705	770	5118	160D	2.4	10350	6750	5330	5180	4930	4730	4500	4100	6900	5920	5280
		24	67.1	30.3	201.5	163A8	35	22800	14870	11740	11410	10860	10420	9910	9030	15200	13040	11630
710/60R34	DW23B	710	1712	771	5128	164D	2.4	11500	7500	5930	5750	5480	5250	5000	4550	7670	6580	5860
		28	67.4	30.4	201.9	167A8	35	25330	16520	13060	12670	12070	11560	11010	10020	16890	14490	12910
650/75R38	DW23B DW21B DW20B	671	1930	871	5730	169D	2.4	13340	8700	6870	6670	6350	6090	5800	5280	8890	7620	6790
		26.4	76	34.3	225.6	172A8	35	29380	19160	15130	14690	13990	13410	12780	11630	19580	16780	14960
900/55R38 Steel Belted	DW27 DW28	850	2000	901	6021	178D	2.4	17250	11250	8890	8630	8210	7880	7500	-	11490	9850	8780
		33.5	78.7	35.5	237	181A8	35	38000	24780	19580	19010	18080	17360	16520	-	25310	21700	19340
900/60R38	DW27 DW28	856	2032	912	6081	178D	2.4	17250	11250	8890	8630	8210	7880	7500	6830	11490	9850	8780
		33.7	80	35.9	239.4	181A8	35	38000	24780	19580	19010	18080	17360	16520	15040	25310	21700	19340
710/75R42	DW23B	730	2140	965	6409	175D	2.4	15870	10350	8180	7940	7560	7250	6900	6280	10580	9070	8090
		28.7	84.3	38	252.3	178A8	35	34960	22800	18020	17490	16650	15970	15200	13830	23300	19980	17820
900/50R42	DW28B DW27B DW30B	855	1947	861	5771	168D	1.6	12880	8400	6640	6440	6130	5880	5600	5100	8580	7360	6560
		33.7	76.7	33.9	227.2		23	28370	18500	14630	14190	13500	12950	12330	11230	18900	16210	14450
900/60R42	DW28 DW27 DW30	890	2140	951	6356	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370
		35	84.3	37.4	250.3		35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Tractor application															
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static kmph	10 kmph	25 kmph
900/50R42	27	855	1947	860	5771	168D	1.6	12880	8400	6636	6440	6132	5880	5600	5096		
		33.7	76.7	33.9	227.2		23	28400	18520	14630	14200	13520	12960	12350	11240		



# 365 AGRI-STAR VF

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The 365 Agri-star tread pattern represents the family of modern radial agricultural tires with low aspect ratio. VFtechnology combined with special construction & advanced compounds provide low soil compaction, extraordinary traction and 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables VFtires marked NRO also to be fitted on a standard rim.

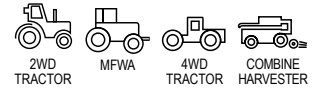


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		Not high and sustained torque; Road transport								Cyclic*					
		mm in	mm in	mm in	mm in	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6			
VF600/65R28 NRO	DW20B W18L DW21B	615 24.2	1491 58.7	642 25.3	4436 174.6	163D	2 29	5220 11500	4875 10740	4875 10740	4875 10740	4440 9780	2.5 36	7560 16650	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RC1	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		Cyclic for CFO		Non cyclic operation		Infl. press bar psi	Cyclic service 10 6						
		15 9	30 19	65 40	70 43								
VF650/65R42 NRO	DW20B DW21B	650 25.6	1935 76.2	842 33.1	5894 232	174D	2 29	10390 22910	8710 19200	6700 14770	6100 13450	2.8 41	9380 20680

# 365 AGRI-STAR

R-1W



The Alliance 365 Agri-star (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tires with low aspect ratio. High tire volumes as well as low inflation pressure, provides high traction capabilities and more soil protection. The optimum number of elastic lugs promises excellent self-cleaning capability. Strong carcass and rigid belts ensure long tire life.



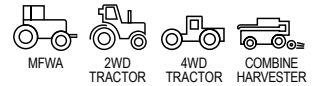
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		1) Not high and sustained torque; 2) Road transport										Cyclic operation					
		Field		Non cyclic operation					Cyclic operation								
25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9										
420/65R20	W13	418 16.5	1054 41.5	466.95 18.4	3067 120.7	135D 138A8	2.4 35	2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3.1 44	3710 8170	3380 7440	
		440/65R24	447 17.6	1192 46.9	544 21.4	3578 140.8	128D 131A8	1.6 23	2070 4560	2130 4690	1970 4340	1890 4160	1800 3960	1640 3610	2 29	3060 6740	2790 6150
440/65R24	W13	447 17.6	1192 46.9	547.4 21.6	3553 139.9	135D 138A8	2.4 35	2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3 44	3710 8170	3380 7440	
		480/65R24	483 19	1238 48.7	543.30 21.4	3661 144.1	140D	2.4 35	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2.9 42	4250 9360	3880 8550
540/65R24	W18L	550 21.7	1315 51.8	582.55 22.9	3798 149.5	140D	1.6 23	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2 29	4250 9360	3880 8550	
		440/65R28	441 17.4	1283 50.5	590.4 23.2	3869 152.3	138D 141A8	2.4 35	2710 5980	2800 6170	2580 5690	2480 5470	2360 5200	2150 4740	3 44	4010 8840	3660 8070
480/65R28	W14L	484 19.1	1335 52.6	624.35 24.6	4094 161.2	142D 145A8	2.4 35	3050 6720	3140 6920	2900 6390	2780 6120	2650 5840	2410 5310	3 44	4510 9930	4110 9050	
		540/65R28	535 21	1415 55.7	633 25	4192 165	142D 145A8	1.6 23	3050 6720	3140 6920	2900 6390	2780 6120	2650 5840	2410 5310	2 29	4510 9930	4110 9050
		600/65R28	594 23.3	1484 58.7	668.6 25.9	4450 175.1	147D 150A8	1.6 23	3540 7800	3640 8020	3370 7420	3230 7110	3075 6770	2800 6170	2 29	5230 11520	4770 10510
480/65R28	W14L	484 19.1	1335 52.6	624.35 24.6	4094 161.2	136D 139A8	1.6 23	2580 5680	2650 5840	2450 5400	2350 5180	2240 4930	2040 4490	2 29	3810 8390	3470 7640	
		540/65R28	535 21	1415 55.7	633 25	4192 165	149D 152A8	2.4 35	3740 8240	3850 8480	3560 7840	3410 7510	3250 7160	2960 6520	3 44	5530 12180	5040 11100
600/65R28	DW20B W18L	594 23.3	1484 58.7	668.6 25.9	4450 175.1	147D 150A8	1.6 23	3540 7800	3640 8020	3370 7420	3230 7110	3075 6770	2800 6170	2 29	5230 11520	4770 10510	
		600/65R28	591 23.3	1491 58.7	659 25.9	4448 175.1	154D 157A8	2.4 35	4310 9490	4440 9780	4110 9050	3940 8680	3750 8260	3410 7510	3 44	6380 14050	5810 12800

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Field	Speed, km/h (mph)							
				1) Not high and sustained torque; 2) Road transport												
				Non cyclic operation					Cyclic operation							
mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
540/65R30	W16L W18L	560	1486	682	4483	143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220
		22	58.5	26.8	176.4	146A8	23	6890	7110	6560	6300	6000	5460	29	10200	9300
		540	1472	664.3	4478	150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190
600/65R30	DW20 W18L	21.3	58.0	26.2	176.3	153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430
		610	1542	697	4738	149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040
		24	60.7	27.4	186.5	158D	2.5	4890	5040	4650	4460	4250	3870	3.1	7230	6590
540/65R34	W16L W15L W18L	535	1566	707.05	4653	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
		21.1	61.7	27.8	183.2	155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110
		533	1570	717.9	4653	145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500
600/65R34	W18L DW20A	21	61.8	28.3	183.2	148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910
		602	1648	744	4942	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350
		23.7	64.9	29.3	194.6	155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780
540/65R38	W16L W18L	591	1644	739.3	4904	157D	2.4	4740	4890	4520	4330	4125	3750	3	7010	6390
		23.3	64.7	29.1	193.1	160A8	35	10440	10770	9960	9540	9090	8260	44	15440	14070
		540	1667	770	4926	153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660
600/65R38	W18L W16 DW20A DW18L	21.3	65.6	30.3	193.9	159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780
		594	1748	31.2	206.7	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660
		23.4	68.8	796	5198	155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470
650/65R38	DW20B DW18L	31.3	204.6	162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930		
		658	1825	833	5548	157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390
		25.9	71.9	33	218.4	160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070
710/70R38	DW23B DW23A	658	1825	837	5548	163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560
		25.9	71.9	33	218.4	166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650
		650	1830	838.8	5723	Special 166D 169A8	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220
650/65R42	DW20 DW20B W18	25.6	72.0	33.0	225.3	171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530
		650	1830	842.6	5690	174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990
		25.6	72.0	33.2	224.0	166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220
710/70R42 Steel Belted	DW23B	728	1950	34.5	5924	168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110
		28.7	76.8	874.1	233.2	171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530
		34.4	84.4	174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990		
710/70R42 Steel Belted	DW23B	667	1945	882.5	5911	158D	1.6	4890	5040	4650	4460	4250	3870	2	7230	6590
		26.3	76.6	34.7	232.7	161A8	23	10780	11110	10250	9830	9370	8530	29	15940	14530
		650	1935	875.8	5916	170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300
710/70R42 Steel Belted	DW23B	25.5	76.1	34.4	230.1	173A8	46	15200	15660	14470	13880	13220	12030	58	22490	20500
		740	2055	936	6102	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
		29.1	80.9	36.9	240.2	176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
420/65R24	W13	418	1156	580	3415	Special 177D 180A8	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
		16.5	45.5	22.8	134.4	126B	23	8620	8620	5620	4170	3750	3750	5250	4500	4010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Field	Speed, km/h (mph)							
				Not high and sustained torque; Road transport												
				Non cyclic operation					Cyclic operation							
mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31	bar psi	10 6	20 12	High Tor 10 6		
420/65R24	W13	418	1156	580	3415	126A8	1.6	3910	2550	1890	1820	1700	1700	2380	2040	1820
		16.5	45.5	22.8	134.4	126B	23	8620	5620	4170	4010	3750	3750	5250	4500	4010

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load								
		SW	OD					Field	Speed							
				1) Not high and sustained torque; 2) Road transport												
				Non cyclic operation					Cyclic operation							
mm	mm	mm	mm	bar	kmph	25	40	50	65	70	bar	10	15			
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph	kmph			
480/65R24	W15L	483	1238	555	3670	140D	2	2880	2960	2740	2630	2500	2280	2.9	4250	3880
		19	48.7	21.9	144.5		29	6350	6530	6040	5800	5510	5030	42	9370	8550

# 370 AGRI-STAR R-1W



370 Agri-star is a wide base radial tire developed for modern and high power tractors on heavy duty field and hauling applications. The tire provides high load carrying capacity (about 10% more) at the same inflation pressure compared with the standard section size tire.

Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities. Strong nylon carcass, rigid belts and endurance tread rubber compound provides long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								Static	10	25	30	40	50	10	20	10	
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	6	16	19	25	31	6	12	6			
200/70R16	W6	197	686	315	2069	94A8	2.4	1540	1010	740	720	670	670	940	800	720	
		7.8	27	12.4	81.5	94B	35	3390	2220	1630	1590	1480	1480	2070	1760	1590	
240/70R16	W8	245	740	337	2196	104A8	2.4	2070	1350	1000	960	900	820	1260	1080	960	
		9.6	29.1	13.3	86.5	101 B	35	4560	2970	2200	2110	1980	1810	2780	2380	2110	
260/65R16	W8	258	741	342	2212	106A8	2.4	2190	1430	1050	1020	950	860	1330	1140	1020	
		10.2	29.2	13.4	87	103 B	35	4820	3150	2310	2250	2090	1890	2930	2510	2250	
260/70R16	W9	258	780	351	2299	109A8	2.4	2370	1550	1140	1100	1030	940	1440	1240	1100	
		10.2	30.7	13.8	90.5	106 B	35	5220	3410	2510	2420	2270	2070	3170	2730	2420	
280/65R16	W9	278	780	362	2343	110A8	2.4	2440	1590	1180	1130	1060	960	1480	1270	1130	
		10.9	30.7	14.3	92.2	107 B	35	5370	3500	2600	2490	2330	2110	3260	2800	2490	
280/70R16	W9	278	804	368	2392	112A8	2.4	2580	1680	1240	1200	1120	1020	1570	1340	1200	
		10.9	31.7	14.5	94.2	109 B	35	5680	3700	2730	2640	2470	2250	3460	2950	2640	
320/65R16	W10	325	835	375	2456	107A8	1.6	2240	1460	1080	1040	975	975	1370	1170	1040	
		12.8	32.9	14.8	96.7	107B	23	4930	3220	2380	2290	2150	2150	3020	2580	2290	
		W9	282	849	380.35	2601	114A8	2.4	2710	1770	1310	1260	1180	1070	1650	1420	1260
280/70R18	W8	11.1	33.4	14.9	102.4	111B	35	5970	3900	2890	2780	2600	2360	3630	3130	2780	
		W10	343	899	401.29	2658	113A8	1.6	2650	1730	1280	1230	1150	1060	1610	1380	1230
340/65R18	W11	13.5	35.4	15.7	104.6	110B	23	5840	3810	2820	2710	2540	2340	3550	3040	2710	
		W9	258	878	402	2612	113A8	2.4	2650	1730	1280	1230	1150	1050	1610	1380	1230
260/70R20	W8	10.2	34.6	15.8	102.8	110B	35	5840	3810	2820	2710	2530	2310	3550	3040	2710	
		W10	278	912	415	2706	116A8	2.4	2880	1880	1390	1340	1250	1140	1750	1500	1340
280/70R20	W9	10.9	35.9	16.3	106.5	113B	35	6340	4140	3060	2950	2750	2510	3850	3300	2950	
		W9	293	956	435	2833	110A8	1.6	2440	1590	1180	1130	1060	960	1480	1270	1130
300/70R20	W10	11.5	37.6	17.1	111.5	107B	23	5370	3500	2600	2490	2330	2110	3260	2800	2490	
		17.2	112.8	117B	35	7090	4630	3410	3300	3080	2800	4320	3700	3300			
		W9	325	986	445	2908	113A8	1.6	2650	1730	1280	1230	1150	1050	1610	1380	1230
320/70R20	W11	12.8	38.8	17.5	114.5	110B	23	5840	3810	2820	2710	2530	2310	3550	3040	2710	
		447.56	2956	123A8	2.4	3570	2330	1720	1660	1550	1410	2170	1860	1660			
		17.6	116.3	120B	35	7860	5130	3790	3660	3410	3110	4780	4100	3660			
340/65R20	W12	114A8	1.6	2710	1770	1310	1260	1180	1070	1650	1420	1260					
		111B	23	5970	3900	2890	2780	2600	2360	3630	3130	2780					
		124A8	2.4	3680	2400	1780	1710	1600	1460	2240	1920	1710					
		121B	35	8110	5290	3920	3770	3520	3220	4930	4230	3770					
360/70R20	W12	360	1042	468	3066	129A8	2.4	4260	2780	2050	1980	1850	1850	2590	2220	1980	
		14.2	41	18.4	120.7	129B	35	9380	6120	4520	4360	4080	4080	5700	4890	4360	
		W11	380	1082	484	3176	122A8	1.6	3450	2250	1670	1610	1500	1500	2100	1800	1610
380/70R20	W11	15	42.6	19.1	125	122B	23	7600	4960	3680	3550	3300	3300	4630	3960	3550	
		W10	319	1098	500	3259	116A8	1.6	2880	1880	1390	1340	1250	1140	1750	1500	1340
320/70R24	W11	12.6	43.2	19.7	128.3	113 B	23	6340	4140	3060	2950	2750	2510	3850	3300	2950	
		W11	360	1152	525.25	3381	122A8	1.6	3450	2250	1670	1610	1500	1370	2100	1800	1610
360/70R24	W12	14.2	45.4	20.6	133.1	119 B	23	7600	4960	3680	3550	3300	3020	4630	3960	3550	
		W13	418	1238	553	3631	130A8	1.6	4370	2850	2110	2030	1900	1730	2660	2280	2030
		W14L	16.5	48.7	21.8	143	127 B	23	9630	6280	4650	4470	4190	3810	5860	5020	4470
480/70R24	W16L	479	1322	590	3873	138A8	1.6	5430	3540	2620	2530	2360	2150	3300	2830	2530	
		18.9	52	23.2	152.5	135 B	23	11960	7800	5770	5570	5200	4740	7270	6230	5570	
		DW20B	625	1500	660	4388	153A8	1.6	8400	5480	4050	3910	3650	3650	5110	4380	3910
620/70R26	W18L	24.6	59.1	26	172.8	153B	23	18500	12070	8920	8610	8040	8040	11260	9650	8610	
		158A8	1.6	9780	6380	4720	4550	4250	5950	5100	4550						
		158B	23	21560	14070	10410	10030	9370	9370	13120	11240	10030					
750/70R26	DW25	29.5	68.9	30.5	206.6	172A8	2.4	14490	9450	6990	6740	6300	6300	8820	7560	6740	
		172B	35	31950	20830	15410	14860	13890	13890	19450	16670	14860					
		125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770					
360/70R28	W10 W12	14.1	49.4	22.6	147.3	122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900	
		W13	418	1339	607	3961	133A8	1.6	4740	3090	2290	2200	2060	1870	2880	2470	2200
420/70R28	W12 W14L	16.5	52.7	23.9	155.9	130 B	23	10440	6810	5040	4850	4540	4120	6340	5440	4850	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque	High Tor		
								Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
480/70R28	W15L	479	1423	640	4313	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680	
	W14L	18.9	56	25.2	169.8	137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900	
	W16L																
600/70R28	W18L	592	1562	709	4671	161A8	2.8	10640	6940	5130	4950	4625	4250	6480	5550	4950	
	DW20B	23.3	61.5	27.9	183.9	158B	41	23440	15290	11300	10900	10190	9360	14270	12220	10900	
600/70R30	DW20B	627	1594	708	4785	152A8	1.6	8170	5330	3940	3800	3550	3550	4970	4260	3800	
	DW18L	24.7	62.8	27.9	188.4	152 B	23	18000	11740	8680	8370	7820	7820	10950	9380	8370	
480/70R34	W15L	479	1576	729	4689	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920	
						140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430	
		18.9	62	28.7	184.6	146A8	2.1	6900	4500	3330	3000	3000	2730	4200	3600	3210	
						146 B	30	15200	9910	7330	6610	6610	6010	9250	7930	7070	
						155A8	2.6	8910	5810	4300	4150	3870	3530	5430	4650	4150	
						152 B	38	19630	12800	9470	9140	8540	7780	11960	10240	9140	
520/70R34	W16L	516	1632	739	4826	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370	
	W18L	20.3	64.3	29.1	190	145 B	23	15970	10420	7710	7420	6940	6320	9710	8330	7420	
						168A8	4.4	12880	8400	6220	5990	5600	5100	7840	6720	5990	
						165 B	64	28370	18500	13700	13190	12330	11230	17270	14800	13190	
						155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150	
						152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140	
580/70R38	W18A	577	1817	816	5443	Reinforced rim	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420	
	DW18L	22.7	71.5	32.1	214.3	170A8	41	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						167 B	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560	
						180A8	67	40530	26430	19560	18850	17620	16040	24670	21150	18850	
800/70R38	DW25B	806	2082	929	6101	173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960	
	DW23B	31.7	82	36.6	240.2	173 B	23	32930	21480	15900	15330	14320	14320	20040	17180	15330	
580/70R42	W18L	601	1900	864	5632	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550	
		23.7	74.8	34	221.7	158 B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020	

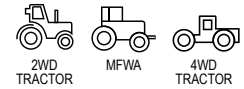
### 370 COMBINE HARVESTER

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index	Inflation Pressure	Recommended Load											
		SW	OD					Speed						Free rolling					
								mm	mm	mm	mm	PR	bar	Cyclic*	Drive wheel			Free rolling	
														10	10	25	30	10	25
mm	mm			Symbols		kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph						
600/70R28	W18L, DW20B	592	1562	709	4671	173A8	2.8	10920	6480	5500	5180	9100	7740	7280	6500				
						183.9	161A8	41	24070	14290	12130	11420	20060	17060	16050	14330			

### 370 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field			
								1) Not high and sustained torque; 2) Road transport						Cyclic operation			
								Non cyclic operation						Cyclic operation			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
19.5LR28 (480/70R28)	W15L	479	1423	640	4190	149D	2.8	3740	3850	3560	3410	3250	2960	3.5	5530	5040	
	W14L	18.9	56	25.2	164.9	146 E	41	8240	8480	7840	7510	7160	6520	51	12180	11100	
						147D	2.4	3540	3640	3370	3230	3075	2800	3	5230	4770	
						144E	35	7800	8020	7420	7110	6770	6170	44	11520	10510	
19.5LR30 (480/70R30)	W15L	479	1474	674	4491	152D	3.2	4080	4210	3890	3730	3550	3230	4	6040	5500	
	W14L	18.9	58	26.5	176.8	149E	46	8990	9270	8570	8220	7820	7110	58	13300	12110	
						157D	4	4740	4890	4520	4330	4125	3750	5	7010	6390	
						154E	58	10440	10770	9960	9540	9090	8260	73	15440	14070	

# FarmPRO RADIAL 70 R-1W



The Alliance FarmPRO '70 Series Radial is a highly versatile range that represents the family of modern agricultural radial tires. The multi angle lug design with steep angles at the center enables smooth ride, along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall which enhances the tire's visual appeal.



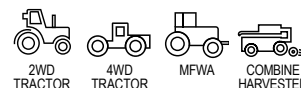
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					40 25	50 30	70 44
280/70R20	W10	278	912	415	2706	116A8	2.4	1250	1250	-
	W9	10.9	35.9	16.3	106.5	116B	35	2750	2750	-
300/70R20	W9	293	956	438.15	2877	120A8	2.4	1400	1400	-
	W10	11.5	37.6	17.25	113.2	120B	35	3080	3080	-
320/70R20	W10	325	986	445	2908	123A8	2.4	1550	1550	-
	W9	12.8	38.8	17.5	114.5	123B	35	3410	3410	-
	W11									-
320/70R24	W10	319	1094	499	3227	116A8	1.6	1250	1250	-
		12.6	43.1	19.6	127	116B	23	2750	2750	-
360/70R24	W11	357	1152	521.5	3360	122A8	1.6	1500	1500	-
	W10	14.1	45.3	20.5	132.2	122B	23	3300	3300	-
	W12									-
380/70R24	W12	380	1190	538	3511	125A8	1.6	1650	1650	-
		15	46.9	21.2	138.2	125B	23	3635	3635	-
420/70R24	W13	418	1248	551.5	3668	130A8	1.6	1900	1900	-
	W12	16.5	49.1	21.7	144.4	130B	23	4190	4190	-
	W14L									-
480/70R24	W15L	479	1316	588	3859	138A8	1.6	2360	2360	-
		18.9	51.8	23.1	151.9	138B	23	5200	5200	-
320/70R28	W10	319	1192	547	3516	119A8	1.6	1360	1360	-
		12.6	46.9	21.5	138.4	119B	23	3000	3000	-
360/70R28	W11	357	1240	572	3658	125A8	1.6	1650	1650	-
		14.1	48.8	22.5	144	125B	23	3630	3630	-
380/70R28	W12	380	1293	589	3839	127A8	1.6	1750	1750	-
		15	50.9	23.2	151.1	127B	23	3850	3850	-
420/70R28	W13	418	1349	594.4	3938	133A8	1.6	2060	2060	-
		16.5	53.1	23.4	155	133B	23	4540	4540	-
480/70R28	W15L	479	1415	640	4174	140A8	1.6	2500	2500	2900
		18.9	55.7	25.2	164.3	140B	23	5510	5510	6400
			1421	645.3	4287	151A8	3.2	3450	-	-
			55.9	25.4	168.7	145E	46	7600	-	-
										-
600/70R28	DW20	611	1551	696	4610	161A8	2.8	4625	4625	-
		24.1	61.1	27.4	181.4	161B	41	10190	10190	-
420/70R30	W13	418	1398	636	4115	134A8	1.6	2120	2120	-
	W12	16.5	55	25	162	134B	23	4675	4675	-
480/70R30	W15L	479	1478	657.7	4359	141A8	1.6	2575	2575	-
		18.9	58.2	25.8	171.6	141B	23	5670	5670	-
				668	4360	150A8	2.8	3350	-	2800
				26.3	171.7	144E	41	7380	-	6170
						156A8	4	4000	4000	-
520/70R30	W16L	516	1536	668	4475	145A8	1.6	2900	2900	-
		20.3	60.5	26.2	176.1	145B	23	6395	6395	-
600/70R30	DW20B	611	1602	715	4680	152A8	1.6	3550	3550	-
		24.1	63.1	28.1	184.2	152B	24	7820	7820	-
480/70R34	W15L	479	1580	707.3	4678	143A8	1.6	2725	2725	-
		18.9	62.2	28	184.1	143B	23	6000	6000	-
480/70R34	DW15L	479	1580	725.5	4836	155A8	3.1	3875	3875	-
		18.9	62.2	28.6	190.4	155B	45	8540	8540	-
520/70R34	W16L	516	1640	743	4823	148A8	1.6	3150	3150	-
		20.3	64.6	29.3	189.9	148B	23	6940	6940	-
480/70R38	W15L	479	1681	751.4	4965	145A8	1.6	2900	2900	-
		18.9	66.2	29.5	195.4	145B	23	6390	6390	-



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30	70 44
520/70R38	W16L	516	1755	797	5076	150A8	1.6	3350	3350	-
		20.3	69.1	31.4	199.8	150B	23	7380	7380	-
580/70R38	W18L	577	1835	828	5416	155A8	1.6	3875	3875	-
						155B	23	8540	8540	-
		22.7	72.2	32.6	213.2	180A8	5.4	8000	8000	-
						180B	78	17640	17640	-
710/70R38	DW23B	716	1958	902	5645	172A8	2.4	6300	6300	-
						172B	35	13560	13560	-
		28.2	77.1	35.5	222.2	178A8	3.4	7500	-	-
						178B	49	16535	-	-
800/70R38*						173*	-----UNDER DEVELOPMENT-----			
710/70R42	DW23B	716	2061	937.5	6153	173A8	2.4	6500	6500	-
		28.2	81.1	36.9	242.2	173B	35	14330	14330	-

## 385 AGRISTAR

R-1W



385 Agri-star Radial tire is a part of the '85 Series and represents our focus on developing tires that meet the demands of extensive developments in the tractor industry. The tread-pattern is designed with specific lug construction and strength required for modern high HP/ speed tractors. Special focus is given to the flexibility characteristics of the tire. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tire life.



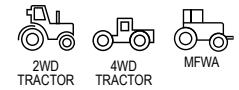
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in	mm in	mm in	Symbol	Bar psi	Not high and sustained torque;									
								Road transport						Low Torque			High Tor
Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6								
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13 W11	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
480/80R46	DW16L	485	1948	900	5832	158A8	2.4	9780	6380	5230	4550	4250	4250	-	5950	5100	4550
	W16L	19.1	76.7	35.4	229.6	158B	35	21540	14050	11520	10020	9360	9360	-	13110	11230	10020

## 385 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in	mm in	mm in	Symbol	Bar psi	Not high and sustained torque;									
								Road transport						Low Torque			High Tor
Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6								
320/85R20	W11	325	1044	465	3053	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	120.2	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	530	3458	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.8	136.1	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	542	3512	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.3	138.2	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	566	3716	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.2	146.2	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
380/85R28	W12	385	1352	617	4016	130D	1.6	4370	2850	2250	2190	2080	2000	1900	2910	2500	2230
	W13 W11	15.2	53.2	24.3	158.1	133A8	23	9630	6280	4960	4820	4580	4410	4190	6410	5510	4910
420/85R28	W15L	450	1435	649	4220	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.2	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque;							Field operation		
								Road transport							Low Torque		High Tor
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6			
420/85R30	W15L	453	1475	679	4415	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700
	W14L W13	17.8	58.1	26.7	173.8	140A8	23	11650	7600	6010	5840	5550	5330	5070	7780	6650	5950
380/85R34	W12	390	1520	694	4516	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	15.4	59.8	27.3	177.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
420/85R34	W15L					139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850
	W14L	450	1580	727	4694	142A8	23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280
	W13	17.7	62.2	28.6	184.8	144D	2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
460/85R34	W16L	486	1653	749.5	4893	144D	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
	W15L W14L	19.1	65.1	29.5	192.6	147A8	23	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
	W14L					147A8	30	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
420/85R38	W15L	446	1670	776	4961	141D	1.3	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020
	W14L W13	17.6	65.7	30.5	195.3	144A8	20.3	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650
460/85R38	DW15L	490	1755	806	5191	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520
	W16L W15L W14L	19.3	69.1	31.7	204.4	149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750
520/85R38						152D	1.3	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160
	DW16L	522	1854	857	5522	155A8	20.3	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160
	DW18L	20.6	73	33.7	217.4	166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210
						169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680
520/85R42 (20.8R42)						154D	1.6	8630	5630	4440	4310	4110	3940	3750	5750	4930	4400
						157A8	23	19010	12400	9780	9490	9050	8680	8260	12670	10860	9690
	W15L	538	1956	901	5947	165D	2.7	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
	DW18L	21.2	77	35.4	234.1	168A8	40.6	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280
						170D	3.6	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
420/80R46						173A8	52	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
						151D	2.4	7940	5180	4090	3970	3780	3620	3450	5290	4540	4040
	W13	420	1861	861	5638	154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900
	W12 W14	16.5	73.3	33.8	221.9	159D	3.2	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
480/80R50 Steel Belted						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
	DW16L	480	2060	966	6278	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
	W15L W14L	18.9	81.1	38	247.1	162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
						165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
					168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280	

# FarmPRO II R-1W



FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



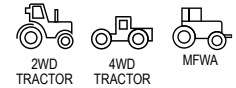
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load		
		SW	OD					Speed		
								Mixed application		
mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30			
250/85R24	W8	246	1037	476	3067	109A8	1.6	1030	1030	
	W7									
	W9	9.7	40.8	18.7	120.7	109B	23	2270	2270	
280/85R24	W10	282	1086	495	3228	115A8	1.6	1215	1215	
	9	11.1	42.8	19.5	127	115B	23	2680	2680	
						122A8	1.6	1500	1500	
320/85R24	W11	336	1148	513.3	3368	122B	23	3305	3305	
	9,11	13.2	45.2	20.2	132.5	142A8	4.7	2650	2650	
						142B	67	5840	5840	
340/85R24	W12	356	1181	525	3452	125A8	1.6	1650	1650	
	11	14	46.5	20.6	135.9	125B	23	3640	3640	
380/85R24	W12	391	1245	557	3560	131A8	1.6	1950	1950	
	11,13	15.3	49	21.9	140.1	131B	23	4300	4300	
420/85R24	W15L	418	1324	591	3715	137A8	1.6	2300	2300	
	13,14	16.5	52.1	23.3	146.2	137B	23	5070	5070	
380/85R26 (14.9R26)	W12	380	1290	594	3800	127A8	1.6	1750	1750	
	W11	15	50.8	23.4	149.6	127B	23	3860	3860	
460/85R26 (18.4R26)	DW15L	465	1424	638	4224	140A8	1.6	2500	2500	
	W16L	18.3	56.06	25.1	166.2	140B	23	5510	5510	
250/85R28	W8	250	1137	524.5	3325	112A8	1.6	1120	1020	
		9.8	44.8	20.7	130.9	112B	23	2470	2250	
280/85R28	W9	280	1187	544.3	3564	118A8	1.6	1320	1320	
	W10	11	46.7	21.4	140.3	118B	23	2910	2910	
320/85R28	W11	324	1246	574.5	3633	124A8	1.6	1600	1600	
	9,10	12.8	49.1	23	143	124B	23	3530	3530	
340/85R28	W12	355	1289	591	3820	127A8	1.6	1750	1750	
	11	14	51	22.2	150.4	127B	23	3860	3860	
380/85R28	W12	380	1352	607.1	3990	133A8	1.6	2060	2060	
	11	15	53.2	23.9	157	133B	23	4540	4540	
420/85R28	W15L	438	1420	627.4	4178	139A8	1.6	2430	2430	
	13,14	17.2	55.9	24.7	164.4	139B	23	5355	5355	
380/85R30	W12	380	1408	627.6	4111	135A8	1.6	2180	2180	
		15	55.4	24.7	162	135B	23	4800	4800	
420/85R30	W15L	431	1468	658	4306	140A8	1.6	2500	2500	
	13,14	17	57.8	25.9	169.5	140B	23	5510	5510	
420/90R30	DW13	418	1518	670.9	4531	147A8	2.4	3075	3075	
		16.5	59.8	26.4	178.3	147B	35	6770	6770	
460/85R30	DW15L	478	1524	684	4529	145A8	1.6	2900	2900	
	W16 W15L	18.8	60	26.9	178.3	145B	23	6393	6393	
320/85R32						126A8	1.6	1700	1700	
	W11	325	1357	625	4010	126B	23	3750	3750	
		12.8	53.4	24.6	157.9	133A8* 133B				
320/85R34	W11	325	1407	650	4210	133A8/B	2.4	2060	2060	
		12.8	55.4	25.6	165.7		35	4540	4540	
380/85R34	W12	380	1510	676.5	4441	137A8	1.6	2300	2300	
		15	59.4	26.6	175	137B	23	5070	5070	
420/85R34	W15	418	1578	715	4614	142A8	1.6	2650	2650	
	13,14	16.4	62	28.1	181.6	142B	23	5840	5840	
						147A8	1.6	3075	3075	
460/85R34	W16L	479	1637	733	4792	147B	23	6780	6780	
	14,15	18.9	64.4	28.9	189	157A8	3	4125	4125	
						157B	44	9090	9090	
	W11	325	1458	660	4371	128A8	1.6	1800	1800	
320/85R36	W9 W10	12.8	57.4	26	172	128B	23	3970	3970	
340/85R36	W12	345	1495	689	4335	132A8	1.6	2000	2000	
		13.6	58.9	27.1	170.6	132B	23	4410	4410	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load		
		SW	OD					Speed		
		mm in	mm in					Mixed application		
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30	
340/85R38	W12	345	1543	732.4	4740	133A8	1.6	2060	2060	
		13.6	60.7	29	187	133B	23	4540	4540	
						151A8	4.5	3450	3450	
						151B	64	7610	7610	
380/80R38	W12	390	1569	728	4738	142A8	2.4	2650	2650	
		15.3	62	28.7	186.5	142B	35	5840	5840	
						152A8	4	3550	3550	
						152B	58	7830	7830	
400/75R38 (15.5R38)	W13	400	1570	730.3	4642	152 A8* (Des. 846)	-----UNDER DEVELOPMENT-----			
		15.74	61.81	28.75	182.75	134A8 131B*				
	W14L					134A8	1.6	2120	2120	
						134B	23	4670	4670	
420/85R38	W15L 13,14	415	1680	655	4949	144A8	1.6	2800	2800	
		16.3	66.1	26	195	144B	23	6170	6170	
460/85R38	W16L 14, DW15L			783		149A8	1.6	3250	3250	
				30.8		149B	23	7165	7165	
		455	1740	802.8	5118	153A8	2.4	3650	3650	
		17.9	68.5	31.6	201.5	153B	35	8050	8050	
				783		167A8	4.5	5450	5450	
				30.8		167B	64	12240	12240	
520/85R38	DW16L DW18L	525	1850	789.9	5422	155A8	1.6	3875	3875	
		20.7	72.8	31	213.4	155B	23	8545	8545	
				836.4	5521	169A8	3.6	5800	5800	
				32.9	217.3	169B	52	12787	12787	
480/80R42	DW16L DD16L			841	5386	151A8	1.6	3450	3450	
		479	1835	33.1	212	151B	23	7600	7600	
		18.9	72.2	843.7	5641	169A8	4.5	5800	5800	
				33.2	222	169B	64	12780	12780	
520/85R42	DW16L DD18L	516	1951	892	5788	157A8	1.6	4125	4125	
		20.3	76.8	35.5	227.4	157B	23	9090	9090	
				902.7	5776	169A8	3.4	5800	5800	
				35.5	227.4	169B	49	12785	12785	
480/80R46 (18.4R46)	DW16L	479	1936	892	5788	158A8	2.4	4250	4250	
		18.8	76.2	35.1	227.8	158B	35	9350	9350	
				910	5994	176A8	5.1	7100	7100	
				35.8	235.9	176B	74	15650	15650	
520/85R46	DW16L	516	2049	905.5	5977	158A8	1.6	4250	4250	
		20.3	80.7	35.6	235.3	158B	23	9360	9360	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in
420/85R26	W15L W14L	429	1370	626	4072	135A8	1.6	5010	3270	2420	2330	2180	2180
		16.9	53.9	24.6	160.3	135B	23	11050	7210	5340	5140	4810	4810

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
680/85R32	DW21B DW20B	666	1962	894	5878	173A8	2.4	14950	9750	8710	7995	6955	6695	6500	
		26.2	77.2	35.2	231.4		35	32960	21500	19200	17630	15330	14760	14330	

# FarmPRO RADIAL 85 R-1W

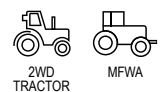


FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load		
		SW	OD					Speed		
								Mixed application		
mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30			
280/85R20	W10	329	1052	468.3	3013	112A8	1.6	1120	1120	
	W9	12.95	41.4	18.4	118.6	112B	23	2470	2470	
320/85R20	W11	329	1052	468.3	3013	119A8	1.6	1360	1360	
	W9 W10	12.9	41.4	18.4	118.6	119B	23	2992	2992	
340/85R24	W12	356	1181	525	3452	125A8	1.6	1650	1650	
	11	14	46.5	20.6	135.9	125B	23	3640	3640	
280/85R28	W9	280	1187	544.3	3564	118A8	1.6	1320	1320	
	W10	11	46.7	21.4	140.3	118B	23	2910	2910	
380/85R28	W12	380	1352	607.1	3990	133A8	1.6	2060	2060	
	11	15	53.2	23.9	157	133B	23	4540	4540	
380/85R30	W12	380	1408	627.6	4111	135A8	1.6	2180	2180	
	15	55.4	24.7	162	135B	23	4800	4800		
420/85R30	W15L	431	1468	658	4306	140A8	1.6	2500	2500	
	13,14	17	57.8	25.9	169.5	140B	23	5510	5510	
320/85R36	W11	325	1458	660	4371	128A8	1.6	1800	1800	
	W9 W10	12.8	57.4	26	172	128B	23	3970	3970	
340/85R36	W12	345	1495	689	4335	132A8	1.6	2000	2000	
	13.6	58.9	27.1	170.6	132B	23	4410	4410		
320/85R38	W11	325	1509	701	4532	143A8	3.6	2725	2725	
	W9 W10 Alt.	12.8	59.4	27.6	178.4	143B	52	6000	6000	
340/85R38	W12	345	1543	732.4	4740	133A8	1.6	2060	2060	
		13.6	60.7	29	187	133B	23	4540	4540	
520/85R38	DW16L DW18L	525 20.7	1850 72.8	789.9	5422	155A8	1.6	3875	3875	
				31	213.4	155B	23	8545	8545	
				836.4	5521	169A8	3.6	5800	5800	
				32.9	217.3	169B	52	12787	12787	
520/85R46	DW16L	516	2049	905.5	5977	158A8	1.6	4250	4250	
		20.3	80.7	35.6	235.3	158B	23	9360	9360	

# 387 R-1



The Alliance 387 Farm Radial is a tire specially developed so as to not damage soil, grass and plants during operation. This Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vineyards. The higher void to rubber ratio provides larger effective footprint area and lower soil/grass compaction. The design has better lug continuity, which enables higher comfort on grass surfaces and transport applications. The good overlap of lugs at center increases the effective footprint area and thus decreases ground pressure.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44			
14.9LR20 (375/75R20)	W13	378	1075	481	3156	119A8	1.6	3130	2040	1510	1460	1360	1250	-	-	-
		14.9	42.3	18.9	124.3	23	6890	4490	3330	3220	3000	2750	-	-	-	
16.9R30	W15	429	1475	667	4357	137A8	1.6	5290	3450	2550	2460	2300	2110	-	-	-
		16.9	58.1	26.3	171.5	23	11650	7600	5620	5420	5070	4650	-	-	-	



# 550 MULTIUSE

**R-4**

**SB**

**SC**

STEEL BELTED  
SPECIAL COMPOUND



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts provide the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Constant load						Cyclic Applications			
440/80R30 (16.9R 30)	DW14L	434	1468	666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390	
	DW15L	17.1	57.8	26.2	174.6	157A8	46	20900	11370	9910	9580	9090	8680	8040	15440	14070	
	DW16L																
480/80R30 (18.4R 30)	DW15L	470	1531	695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360	
	DW16L	18.5	60.3	27.4	181.7	162A8	46	24070	13080	11410	11040	10460	10000	9090	17800	16210	
	DW18L																
540/65R30	DW18L	550	1464	678	4481	161A8	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170	
	DW16L	21.7	57.6	26.7	176.4	156D	46	23440	12730	11100	10750	10190	9740	8810	17310	15790	
600/70R30	DW20	611	1602	727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170	
	DW18L	24.1	63.1	28.6	188.7	161A8	35	23440	12730	11100	10750	10190	9740	9360	17310	15790	
	W18L																
440/80R34 (16.9R 34)	DW14	441	1568	721	4739	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780	
	DW15L	17.4	61.7	28.3	186.5	159A8	46	22160	12050	10510	10180	9640	9210	8540	16390	14930	
	DW16L																
480/80R34 (18.4R 34)	DW15L	479	1632	739	4933	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750	
	DW13	18.9	64.2	29	194.2	164A8	46	25330	13770	12000	11630	11010	10530	9640	18720	17070	
	DW13L																
	DW14L																
480/80R38 (18.4R 38)	W15L	479	1728	784.7	5250	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220	
	DW16A	18.9	68	30.8	206.7	166A8	46	26850	14600	12730	12310	11670	11150	10190	19850	18110	
540/80R38 (20.8R 38)	DW18L	546	1824	832	5536	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770	
	DW16L	21.5	71.8	32.8	217.9	172A8	46	31920	17360	15130	14650	13880	13260	12000	23590	21520	
600/65R38	DW18L	593	1749	793	5270	166D	3.2	13800	7500	6540	6330	6000	5730	5300	10200	9300	
	DW20B	23.3	68.9	31.2	207.5	170A8	46	30400	16520	14410	13940	13220	12620	11670	22470	20480	
650/65R38	DW20B	645	1814	818	5445	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700	
	DW18L	25.4	71.4	32.2	214.4	175A8	46	34960	19010	16560	16040	15200	14520	13220	25840	23570	
	DW23B																
650/85R38	DW23B	673	2067	913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW21B	26.5	81.4	35.9	245.3	181A8	35	41810	22710	19800	19160	18170	17360	16080	30900	28170	
620/80R42	DW20B	625	2055	948	6201	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20B	24.6	80.9	37.3	244.1	181A8	46	41810	22710	19800	19160	18170	17360	16080	30900	28170	
650/65R42	DW20	645	1913	872	5766	176A8	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010	
	DW18L	25.3	75.3	34.3	227	171D	46	35970	19560	17050	16500	15640	14930	13550	26590	24250	
710/70R42	DW23B	716	2053	939	6187	177D	2.8	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW23B	28.2	80.8	37	243.6	181A8	41	41810	22710	19800	19160	18170	17360	16080	30900	28170	

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load							
		Speed						Non cyclic operation						Inflation Pressure bar	Cyclic Applications 10 kmph
		Field kmph	25 kmph					40 kmph	50 kmph	65 kmph	70 kmph				
												mm	in	mm	in
VF650/65R38	DW20B X 38	624	1814	813	5399	180D	3.2	9920	8800	8240	8160	8000	8000	4	11200
		24.6	71.4	32	212.6		46	21870	19400	18170	17990	17640	17640	58	24690

# 551 MULTIUSE PROFESSIONAL

R-3



Alliance 551 is designed for excellent performance on ice and snow. The special design of the block and sipes ensures that it works equally well on dry / hard surfaces also. The high roadability, handling and comfort properties contribute to lower noise level and provide better environment to the driver. Smooth and comfortable riding is provided by the well-proven construction and new upgraded compound.



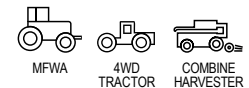
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)						
		Speed, km/h (mph)						Constant Load						
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	65 40
		mm in	mm in											
360/80R24	DW11	357	1186	546	3564	138D	3.2	6270	3410	2890	2830	2725	2560	2360
	DW10 DW12	14.1	46.7	21.5	140.3	143A8	46	13820	7520	6370	6240	6010	5640	5200
400/80R24	DW13	404	1250	572	3710	144D	3.2	7480	4060	3450	3380	3250	3060	2800
	DW12 DW14L	15.9	49.2	22.5	146.1	149A8	46	16480	8940	7600	7440	7160	6740	6170
420/65R24	DW13	428	1156	525	3471	146D	4	7940	4310	3660	3590	3450	3240	3000
	DW14L DW12	16.9	45.5	20.7	136.7	151A8	58	17510	9500	8070	7920	7610	7140	6610
440/80R24	DW14L	441	1314	596	3942	149D	3.2	8630	4690	3980	3900	3750	3530	3250
	DW15L	17.4	51.7	23.5	155.2	154A8	46	19010	10330	8770	8590	8260	7780	7160
400/80R28	DW13	404	1355	620	4049	146D	3.2	7940	4310	3660	3590	3450	3240	3000
		15.9	53.3	24.4	159.4	151A8	46	17490	9490	8060	7910	7600	7140	6610
440/80R28	DW14L	440	1418	648	4240	151D	3.2	9200	5000	4240	4160	4000	3760	3450
	DW15L DW16L	17.3	55.8	25.5	166.9	156A8	46	20260	11010	9340	9160	8810	8280	7600
540/65R30	DW18L	545	1464	674	4413	156D	3.2	10640	5780	4900	4810	4625	4350	4000
	DW16L	21.5	57.6	26.5	173.7	161A8	46	23440	12730	10790	10590	10190	9580	8810
440/80R34	DW14L	440	1570	723	4746	155D	3.2	10060	5470	4640	4550	4375	4110	3875
	DW15L	17.3	61.8	28.5	186.9	159A8	46	22160	12050	10220	10020	9640	9050	8540
480/80R34	DW15L	468	1640	753	4955	159D	3.2	11500	6250	5300	5200	5000	4700	4375
		18.4	64.6	29.6	195.1	164A8	46	25330	13770	11670	11450	11010	10350	9640
480/80R38	W15L	479	1733	796	5262	161D	3.2	12190	6630	5620	5510	5300	4980	4625
	DW16L	18.9	68.2	31.3	207.2	166A8	46	26870	14620	12390	12150	11680	10980	10200
540/80R38	DW18L	550	1829	839	5543	167D	3.2	14490	7880	6680	6550	6300	5920	5450
	DW16L	21.7	72	33	218.2	172A8	46	31950	17370	14730	14440	13890	13050	12020
650/65R42	DW20B	635	1913	881	5779	171D	3.2	16330	8880	7530	7380	7100	6670	6150
	DW18L	25	75.3	34.7	227.5	176A8	46	35970	19560	16590	16260	15640	14690	13550

# AGRI-STAR 374

R-2

SG

STUBBLE GUARD



Agri-star 374 is a R-2 deep lug radial tire, designed to deliver very high traction in wet & moist conditions. The stepped lug design helps in increasing the grip and reducing tractor slip. Superior tread compound ensures resistance to cut growth.

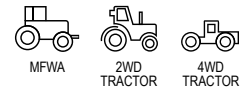


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)				
		Speed, km/h (mph)						Mixed application				
		SW	OD					Static	10 6	25 16	30 19	40 25
		mm in	mm in									
420/90R30	DW13L	429	1529	685.5	4275	142A8	1.6	7660	3550	2940	2840	2650
		16.9	60.2	27.0	168.3		23	16870	7820	6480	6260	5840
460/85R30 (18.4R30)	W16	466.0	1588.0	715.9	4569.0	145A8	1.6	8380	3890	3220	3100	2900
		18.3	62.5	28.2	179.9		23	18480	8580	7100	6830	6390
620/75R30 (23.1R30)	DW20B	600.0	1740.0	768.3	4923.0	151A8	1.4	9970	4620	3830	3690	3450
		23.6	68.5	30.2	193.8		20	21980	10190	8440	8140	7610
480/70R34	W15L	479	1606	739.6	4681	155A8	3.2	11200	5190	4300	4150	3875
		18.9	63.2	29.1	184.3		46	24670	11430	9470	9140	8540
340/85R38 (13.6R38)	W12	350.0	1580.0	734.9	4606.0	132A8	1.6	5780	2680	2220	2140	2000
		13.8	62.2	28.9	181.3		23	12740	5910	4890	4720	4410
520/85R42	DW16L	516	1985	913.2	5800	165A8	2.8	14880	6900	5720	5510	5150
		W16L	20.3	78.1	35.9	228.3		41	32780	15200	12600	12140

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm	mm	Mixed application								
		in	in	mm	mm	Static	10	25	30	40		
340/85R46 (13.6R46)	W12	350.0	1780.0	834.5	5238.0	140A8	2	7230	3350	2780	2680	2500
		13.8	70.1	32.8	206.2		29	15940	7390	6130	5910	5510
480/80R46	DW16L	479	1963	910	5761	158A8	2.4	12280	5700	4720	4550	4250
		18.9	77.28	35.8	226.8		35	27050	12560	10400	10020	9360
520/85R46	DW16L	479	2050	946	5961	158A8	1.6	12280	5700	4720	4550	4250
	W15	18.5	80.7	37.2	234.7		23	27050	12560	10400	10020	9360
480/80R50	DW16L	479	2064	961	6088	159A8	2.4	12640	5860	4860	4680	4375
	DW15L											
	DW16L	18.9	81.3	37.8	239.7		35	27840	12910	10700	10310	9640

# AGRI STAR II - 65/70 SERIES

R-1/R-1W



The high speed 'D' rated AGRI STAR II comes with a Stratified Layer technology (SLT) - a unique combination of two layers: The top layer with a single angle profile and bottom layer with a multi-angle profile. After 40% wear of the tire, bottom layer of the lug comes in contact with the ground which leads to increased contact area at the central portion. This leads to better roadability and performance of the tire. The increased amount of rubber volume in AGRI STAR II enhances its stiffness that results in better wear resistance.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm	mm	mm	mm	bar	Static	10	25	30	40	50	65	
		in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
260/70R16	W8	262	776	905.8	2338	109D	3.37	2370	1550	1220	1180	1130	1080	1030
	W8L,W9	10.31	30.55	35.66	92.05		49	5220	3410	2690	2600	2490	2380	2270
280/70R16	W18L	285	804	371.1	2399	112D	2.4	2580	1680	1330	1290	1230	1180	1120
	W8,W9,W10	11.22	31.65	14.61	94.45		35	5680	3700	2930	2840	2710	2600	2470
280/70R18	W9	285	855	393	2581	114D	2.4	2710	1770	1400	1360	1290	1240	1180
	W8,W10	11.22	33.66	15.47	101.61		35	5970	3900	3080	3000	2840	2730	2600
280/70R20	W9	285	906	421	2731	116D	2.4	2880	1880	1480	1440	1370	1310	1250
	W8,W10	11.22	35.67	16.55	107.52		35	6340	4140	3260	3170	3020	2890	2750
300/70R20	W9	300	956	438	2868	120D	2.4	3220	2100	1660	1610	1530	1470	1400
	W10	11.81	37.64	17.24	112.91		35	7090	4630	3660	3550	3370	3240	3080
320/70R20	W10	322	986	457	2943	123D	2.4	3570	2330	1840	1780	1700	1630	1550
	W9,W11	12.68	38.82	17.98	115.87		35	7860	5130	4050	3920	3740	3590	3410
360/70R20	W11	360	1046	473.5	3079	129D	2.4	4260	2780	2190	2130	2030	1940	1850
	W10,W12	14.17	41.18	18.64	121.22		35	9380	6120	4820	4690	4470	4270	4070
380/70R20	W12	382	1086	493	3169	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W11,W13	15.04	42.76	19.41	125		23	7600	4960	3920	3810	3610	3480	3300
320/70R24	W10	322	1098	508	3236	116D	1.6	2880	1880	1480	1440	1370	1310	1250
	W9,W11	12.68	43.23	20	127.4		23	6340	4140	3260	3170	3020	2890	2750
360/70R24	W11	360	1156	525	3435	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W10,W12	14.17	45.51	20.67	135.2		23	7600	4960	3920	3810	3610	3480	3300
380/70R24	W12	385	1194	548	3481	125D	1.6	3800	2480	1960	1900	1810	1730	1650
	W11,W13	15.16	47.01	21.57	137.05		23	8370	5460	4320	4190	3990	3810	3630
420/70R24	W13	425	1250	560	3690	130D	1.6	4370	2850	2250	2190	2080	2000	1900
	W12,W14L	16.73	49.21	22.05	145.28		23	9630	6280	4960	4820	4580	4410	4190
480/70R24	W15L	482	1324	592	3889	138	1.6	5430	3540	2800	2710	2580	2480	2360
	W14L,W16L	18.98	52.13	23.31	153.11		23	11960	7800	6170	5970	5680	5460	5200
360/70R28	W11	357	1251	570	3716	125D	1.6	3795	2475	1955	1807	1733	1650	1502
	W10X28, W12X28	14.1	49.3	22.4	146.3		23	8370	5460	4310	3980	3820	3640	3310
380/70R28	W12	385	1295	595	3796	127D	1.6	4030	2630	2070	2010	1920	1840	1750
	W11,W13	15.16	50.98	23.43	149.45		23	8880	5790	4560	4430	4230	4050	3850
480/70R28	W15L	482	1425	643	4211	140D	1.6	5750	3750	2960	2880	2740	2630	2500
		18.98	56.1	25.31	165.79		23	12670	8260	6520	6340	6040	5790	5510
	W14L,W16L	482	1425	643	4211	151D	3.2	7940	5180	4090	3970	3780	3620	3450
		18.98	56.1	25.31	165.79		46	17510	11420	9020	8750	8330	7980	7610
600/70R28	DW20B	614	1555	708.6	4652	161D	2.8	10640	6940	5480	5320	5060	4860	4625
	DW18L,W18L	24.17	61.22	27.9	183.15		41	23440	15290	12070	11720	11150	10700	10190

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm	mm					Static	10	25	30	40	50	65
in	in	in	mm	kmph	kmph	kmph	kmph	kmph	kmph	kmph				
420/70R30	W13 W12,W14L	425	1402	638	4163	134D	1.6	4880	3180	2510	2440	2320	2230	2120
		16.73	55.2	25.12	163.9		23	10750	7000	5530	5370	5110	4910	4670
480/70R30	W15L W14L,W16L	482	1480	693.2	4441	141D	1.6	5920	3860	3050	2960	2820	2700	2575
							23	13040	8500	6720	6520	6210	5950	5670
		18.98	58.27	27.2	174.8	150D	2.8	7710	5030	3970	3850	3670	3520	3350
						41	17000	11090	8750	8490	8090	7760	7390	
520/70R30	W16L W15L W18L	516	1536	689	4496	145D	1.6	6670	4350	3437	3176	3045	2900	2639
							23	14710	9590	7580	7000	6710	6390	5820
600/70R30	DW20 DW18L,W18L	614	1605	706	4710	152D	1.6	8170	5330	4210	4080	3890	3730	3550
		24.17	63.19	27.8	185.43		23	18000	11740	9270	8990	8570	8220	7820
480/70R34	W15L W14L,W16L	482	1580	700	4664	143D	1.6	6270	4090	3230	3130	2980	2860	2725
				27.56	183.62		23	13810	9010	7110	6890	6560	6300	6000
		18.98	62.2	733.1	4781	155D	3.2	8910	5810	4590	4460	4240	4070	3875
520/70R34	W16 W15L,W18L	520	1640	745	4891	148D	1.6	7250	4730	3730	3620	3450	3310	3150
				29.33	192.6		23	15970	10420	8220	7970	7600	7290	6940
		20.47	64.57	763.4	5087	168D	4.8	12880	8400	6640	6440	6130	5880	5600
				30	200.2		70	28400	18520	14640	14200	13510	12960	12350
480/70R38	W15L W14L,W16L	482	1681	777	5020	145D	1.6	6670	4350	3440	3340	3180	3050	2900
		18.98	66.18	30.59	197.63		23	14690	9580	7580	7360	7000	6720	6390
520/70R38	W16L W15L,W18L	520	1750	786	5175	150D	1.6	7710	5030	3970	3850	3670	3520	3350
		20.47	68.9	30.94	203.74		23	16980	11080	8740	8480	8080	7750	7380
580/70R38	W18L DW18L	580	1827	830	5435	155D	1.6	8910	5810	4590	4460	4240	4070	3875
				32.68	213.98		23	19630	12800	10110	9820	9340	8960	8540
		22.8	71.93	700	4664	170D	4	13800	9000	7110	6900	6570	6300	6000
				28.8	183.62		58	30400	19820	15660	15200	14470	13880	13220
710/70R38	DW23B DW25B	720	1959	839.5	5781	172D	2.4	14490	9450	7470	7250	6900	6620	6300
				33.05	227.6		35	31920	20810	16450	15970	15200	14580	13880
		28.35	77.13	905.8	5961	178D	3.4	17250	11250	8890	8630	8210	7880	7500
				35.6	234.6		49	38030	24800	19600	19030	18100	17370	16540
580/70R42	18	577	1879	850	5627	158D	1.6	9775	6375	5036	4654	4463	4250	3868
		22.7	74	33.5	221.5		23	21550	14050	11100	10260	9840	9370	8530
710/70R42	DW23B DW25B	720	2061	951.4	6202	173D	2.4	14950	9750	7700	7480	7120	6830	6500
		28.35	81.14	37.45	244.17		35	32930	21480	16960	16480	15680	15040	14320

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm	mm					Tractor Application							
in	in	in	mm	mm	mm	Static	10	25	30	40	50	65	70		
					mm	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
240/70R16	W8 W8L W9	732	742	338	2298	104D	2.4	2070	1350	1067	1035	986	945	900	819
		28.8	29.2	13.3	90.5		35	4560	2980	2350	2280	2170	2080	1980	1810
260/70R20	W8	258	872	395.3	2588	113D	2.4	2645	1725	1363	1323	1259	1208	1150	1047
		10.2	34.3	15.6	101.9		35	5831	3803	3005	2917	2776	2663	2535	2308
380/70R24	W12, W12	385	1194	548	3481	125D	1.6	3795	2475	1955	1898	1807	1733	1650	
		15.2	47	21.6	137		23	8370	5460	4310	4180	3980	3820	3640	
420/70R24	W13	425	1250	560	3690	130D	1.6	4370	2850	2252	2185	2081	1995	1900	
		23	9634	6283	4965		4817	4588	4398	4189					
420/70R28	W13, W12	425	1354	619	3968	133D	1.6	4738	3090	2441	2369	2256	2163	2060	
		16.7	53.3	24.4	156.2		23	10450	6810	5380	5220	4970	4770	4540	
420/70R28	W13 W12	425	1354	618	3940	133D	1.6	4738	3090	2441	2369	2256	2163	2060	
		16.7	53.3	24.3	155.1		23	10450	6810	5380	5220	4970	4770	4540	
480/70R28	W15L W14L W16L	482	1425	643	4211	151D	3.2	7940	5180	4090	3970	3780	3620	3450	
		19	56.1	25.3	165.8		46	17510	11420	9020	8750	8330	7980	7610	
480/70R28	W15L	482	1425	643	4111	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
		23	12680	8270	6530		6340	6040	5790	5510					
480/70R28	W15L	482	1425	643	4220	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
		23	12680	8270	6530		6340	6040	5790	5510					
480/70R30	W15L W14L W16L	482	1480	667.6	4412	141D	1.6	6219	3863	3051	2961	2820	2704	2575	
		19	58.3	26.3	173.7		23	13711	8516	6726	6528	6217	5961	5677	
600/70R30	DW20 DW18L	614	1605	706	4710	152D	1.6	8165	5325	4207	4083	3887	3728	3550	
		24.2	63.2	27.8	185.4		23	18000	11740	9280	9000	8570	8220	7830	

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm	mm					Tractor Application						
		in	in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
600/70R30	DW20	614	1605	717	4809	152D	1.6	8165	5325	4207	4083	3887	3728	3550
	DW18L	24.2	63.2	28.2	189.3		23	18000	11740	9280	9000	8570	8220	7830
480/70R34	W15L, W14L	482	1580	733	4781	143D	1.6	6268	4088	3229	3134	2984	2861	2725
	W16LW15	19	62.2	28.9	188.2		23	13820	9010	7120	6910	6580	6310	6010
480/70R34	W15L	482	1580	700	4626	143D	1.6	6268	4088	3229	3134	2984	2861	2725
		19	62.2	27.6	182.1		23	13820	9010	7120	6910	6580	6310	6010
480/70R34	W15L, W14L	482	1580	731	4821	143D	3.2	8913	5813	4592	4456	4243	4069	3875
	W16L W15	19	62.2	28.8	189.8		46	19650	12820	10120	9820	9350	8970	8540
480/70R38	W15L	482	1681	777	5056	145D	1.6	6670	4350	3437	3335	3176	3045	2900
		19	66.2	30.6	199.1		23	14705	9590	7577	7352	7002	6713	6393
580/70R38	W18L	580	1827	830	5328	155	1.6	8913	5813	4592	4456	4243	4069	3875
		22.8	71.9	32.7	209.8		23	19650	12815	10124	9824	9354	8971	8543
800/70R38	W15L	823	2085	924	6070	173D	1.6	14950	9750		7475	7118	6825	6500
		32.4	82.1	36.4	239		23	32960	21500		16480	15690	15050	14330
800/70R38	W15L	823	2085	924	6070	173D	1.6	14950	9750		7475	7118	6825	6500
		32.4	82.1	36.4	239		23	32960	21500		16480	15690	15050	14330

## 65 SERIES

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load								
		SW	OD					Speed								
		mm	mm					Tractor Application								
		in	in					Static kmph	10 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph	70 kmph
420/65R28		418	1257	578	3770	135D	2.4	5014	3270		2583	2507	2387	2289	2180	1984
		16.5	49.5	22.8	148.4		35	11050	7210		5700	5530	5260	5050	4810	4370
540/65R28	W16L,	530	1413	0	4190	149D	2.4	3575	3380		3315	3250	3250	3250	2958	
	W18L	20.9	55.6	0	165		35	7880	7450		7310	7170	7170	7170	6520	

## AGRI-STAR II - 80/85/90/95 SERIES

R-1W

SG  
STUBBLE  
GUARD



The high speed 'D' rated AGRI STAR II comes with a Stratified Layer technology (SLT) - a unique combination of two layers: The top layer with a single angle profile and bottom layer with a multi-angle profile. After 40% wear of the tire, bottom layer of the lug comes in contact with the ground which leads to increased contact area at the central portion. This leads to better roadability and performance of the tire. The increased amount of rubber volume in AGRI STAR II enhances its stiffness that results in better wear resistance.



Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm	mm					Tractor Application						
		in	in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
280/85R20	W10	292	984	449	2906	112D	1.6	2576	1680	1327	1288	1226	1176	1120
		11.5	38.7	17.7	114.4		23	5680	3700	2930	2840	2700	2590	2470
320/85R20	W11	333	1055	480	3108	119D	1.6	3130	2040	1610	1560	1490	1430	1360
	W9 W10	13.1	41.5	18.9	122.4		23	6900	4500	3550	3440	3290	3150	3000
280/85R24	W10	302	1090	502	3252	115D	1.6	2790	1820	1440	1400	1330	1280	1215
	W9	11.89	42.91	19.76	128.03		23	6150	4010	3170	3080	2930	2820	2680
280/85R28	W10	302	1191	553	3581	118D	1.6	3040	1980	1560	1520	1450	1390	1320
	W9	11.89	46.89	21.77	140.98		23	6700	4360	3440	3350	3190	3060	2910
320/85R28	W11	333	1257	502	3737	124D	1.6	3680	2400	1900	1840	1750	1680	1600
	W9, W10	13.11	49.49	19.76	147.13		23	8110	5290	4190	4050	3850	3700	3520
380/85R30	W12	385	1410	642	4208	135D	1.6	5010	3270	2580	2510	2390	2290	2180
	W11, W13	15.16	55.51	25.26	165.67		23	11040	7200	5680	5530	5260	5040	4800
420/85R30	W15L	443	1476	675	4383	140D	1.6	5750	3750	2960	2880	2740	2630	2500
	W13 W14L	17.4	58.1	26.6	172.5		23	12680	8270	6530	6350	6040	5800	5510
460/85R30	W15L W16L	480	1544	697	4575	145D	1.6	6670	4350	3440	3340	3180	3050	2900
	W14L W15L	18.9	60.8	27.43	180.1		23	14710	9590	7580	7360	7010	6720	6390
320/85R32	W11	333	1359	629	4090	126D	1.6	3910	2550	2010	1960	1860	1790	1700
	W10 W9	13.1	53.5	24.8	161		23	8620	5620	4430	4320	4100	3950	3750



Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm	mm					25	30	40	50	65		
		in	in					kmph	kmph	kmph	kmph	kmph		
380/85R34	W12	385	1510	699	4513	137D	1.6	5290	3450	2730	2650	2520	2420	2300
	W11,W13	15.16	59.45	27.52	177.68		23	11650	7600	6010	5840	5550	5330	5070
320/85R36	W11	333	1460	680	4369	128D	1.6	4140	2700	2130	2070	1970	1890	1800
	W9 W10 DW11	13.1	57.5	26.8	172		23	9130	5950	4700	4560	4340	4170	3970
340/85R36	W12	355	1496	696	4462	132D	1.6	4600	3000	2370	2300	2190	2100	2000
	W11	14	58.9	27.4	175.7		23	10140	6610	5230	5070	4830	4630	4410
320/85R38	W11	333	1511	714	4581	143D	3.6	6270	4090	3230	3130	2980	2860	2725
	W9 W10 DW11	13.1	59.5	28.1	180.4		52	13820	9020	7120	6900	6570	6310	6010
340/85R38	W12	355	1546	727	4703	133D	1.6	4740	3090	2440	2370	2260	2160	2060
	W11	14	60.9	28.6	185.2		23	10450	6810	5380	5230	4980	4760	4540
						151D	4.4	7940	5180	4090	3970	3780	3620	3450
							64	17510	11420	9020	8750	8330	7980	7610
380/80R38	W12	385	1575	738	4821	142D	2.4	6100	3980	3140	3050	2900	2780	2650
	W11,W13	15.16	62.01	29.06	189.8		35	13440	8770	6920	6720	6390	6120	5840
460/85R38	W15L	480	1747	802	5168	149D	1.6	7480	4880	3850	3740	3560	3410	3250
	W16L	18.9	68.78	31.57	203.46		23	16480	10750	8480	8240	7840	7510	7160
	W14L					167D	4.4	12540	8180	6460	6270	5970	5720	5450
							64	27650	18030	14240	13820	13160	12610	12020
520/85R38	DW16L	520	1850	838	5537	169D	3.6	13340	8700	6870	6670	6350	6090	5800
	DW18L	20.5	72.8	33	218		52	29410	19180	15150	14710	14000	13430	12790
650/85R38	DW23B	680	2072	954	6201	173D	2.4	14950	9750	7700	7480	7120	6830	6500
	DW21B DW20B	26.8	81.6	37.54	244.1		35	32960	21500	16980	16490	15700	15060	14330
480/80R42	DW16L	494	1830	843	5429	151D	1.6	7940	5180	4090	3970	3780	3620	3450
	W16L,DD16L	19.45	72.05	33.19	213.74		23	17490	11410	9010	8740	8330	7970	7600
520/85R42	DW16L	520	1952	894.4	5819	157D	1.6	9490	6190	4890	4740	4520	4330	4125
	DW18L	20.5	76.9	35	229		23	20920	13650	10780	10450	9970	9550	9090
				909.1	5986	169D	3.6	13340	8700	6870	6670	6350	6090	5800
				36	235.6		52	29410	19180	15150	14710	14000	13430	12790
480/80R46	DW16L	494	1960	909	5873	158D	2.4	9780	6380	5040	4890	4650	4460	4250
	W15L,W16L, DW15L,DW14L	19.45	77.17	35.79	231.22		35	21540	14050	11100	10770	10240	9820	9360
520/85R46	DW16L	520	2054	939.55	6137	158D	1.6	9780	6380	5040	4890	4650	4460	4250
	DW18L	20.5	80.9	37	241.6		23	21560	14070	11110	10780	10250	9830	9370
480/80R50	DW16L	464	2060	932	6146	159D	2.4	10060	6560	5180	5030	4790	4590	4375
	DW15L W16L	19.4	81.1	36.7	242		35	22180	14460	11420	11090	10560	10120	9650

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load								
		SW	OD					Speed								
		mm	mm					Tractor Application								
		in	in					25	30	40	50	65	70			
250/85R24	W8X16	248	1035	477	3065	109D	1.6	2369	1545	1221	1185	1128	1082	1030	937	
	W8LX16 W9X16	9.8	40.7	18.8	120.7		23	5220	3410	2690	2610	2490	2390	2270	2070	
320/85R24	W11X24	333	1156	527	3404	122	1.6	3450	2250	1778	1725	1643	1575	1500		
		13.1	45.5	20.7	134		23	7610	4960	3920	3800	3620	3470	3310		
320/85R24	W11X24	333	1156	527	3462	142D	4.6	6095	3975	3140	3048	2902	2783	2650		
		13.1	45.5	20.7	136.3		67	13440	8760	6920	6720	6400	6140	5840		
340/85R24	W12X24	355	1192	550	3481	125D	1.6	3795	2475	1955	1898	1807	1733	1650		
		14	46.9	21.7	137		23	8370	5460	4310	4180	3980	3820	3640		
340/85R24	W12X24	355	1192	550	3510	125D	1.6	3795	2475	1955	1898	1807	1733	1650		
		14	46.9	21.7	138		23	8370	5460	4310	4180	3980	3820	3640		
380/85R24	W12X24	385	1260	576	3668	131D	1.6	4485	2925	2311	2243	2135	2048	1950		
		15.2	49.6	22.7	144.4		23	9890	6450	5100	4950	4710	4520	4300		
380/85R24	W12X24	385	1260	576	3635	131D	1.6	4485	2925	2311	2243	2135	2048	1950		
		15.2	49.6	22.7	143.1		23	9890	6450	5100	4950	4710	4520	4300		
420/85R24	W15LX24"	443	1328	603.8	3897	137D	1.6	5555	3450	2726	2645	2519	2415	2300		
	W14LX24"	17.4	52.3	23.8	153.4		23	12247	7606	6010	5831	5553	5324	5071		
320/85R28	W11 X28	333	1257	502	3737	124D	1.6	3680	2400	1896	1840	1752	1680	1600		
		13.1	49.5	19.8	147.1		23	8110	5290	4180	4060	3860	3700	3530		
380/85R28	W12X28	385	1360	621	3966	133D	1.6	4740	3090	2440	2370	2260	2160	2060		
	W11X28 W13X28	15.2	53.5	24.4	156.1		23	10450	6812	5379	5225	4982	4762	4542		



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm	mm					Tractor Application							
		in	in					Static	10	25	30	40	50	65	70
		mm	mm	mm	mm	bar	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
420/85R28(16.9R28)	W15LX28	443	1430	649.3	4175.8	139D	1.6	5589	3645	2880	2795	2661	2552	2430	
	W14LX28	17.4	56.3	25.6	164.4		23	12320	8040	6350	6160	5870	5630	5360	
340/85R28	W12X28, W11x28	355	1293	591	3852	127D	1.6	4025	2625	2074	2013	1916	1838	1750	
		14	50.9	23.3	151.7		23	8870	5790	4570	4440	4220	4050	3860	
420/85R30(16.9R30)	W15LX30	443	1476	675	4383	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
	W14LX30	17.4	58.1	26.6	172.6		23	12680	8270	6530	6340	6040	5790	5510	
420/85R30(16.9R30)	W15LX30	443	1476	677	4337	140D	1.6	5750	3750	2963	2875	2738	2625	2500	
	W14LX30	17.4	58.1	26.7	170.7		23	12680	8270	6530	6340	6040	5790	5510	
460/85R30(18.4R30)	15	480	1544	697	4575	145D	1.6	6670	4350	3437	3335	3176	3045	2900	
		18.9	60.8	27.4	180.1		23	14710	9590	7580	7350	7000	6710	6390	
460/85R30(18.4R30)	W16LX30, DW15LX30	480	1544	685	4575	145D	1.6	6670	4350	3437	3335	3176	3045	2900	
		18.9	60.8	27	180.1		23	14710	9590	7580	7350	7000	6710	6390	
320/85R34	11	319	1408	654	4186	133D	2.4	4738	3090	2441	2369	2256	2163	2060	1875
		12.6	55.4	25.7	164.8		35	10450	6810	5380	5220	4970	4770	4540	4130
420/85R34	W15LX34, DW15LW14L	443	1578	728	4779	147D	2.4	7073	4613	3644	3536	3367	3229	3075	
		17.4	62.1	28.7	188.1		35	15590	10170	8030	7800	7420	7120	6780	
420/85R34	W15LX34, W14LX34	443	1578	730	4779	142	1.6	6095	3975	3140	3048	2902	2783	2650	
		17.4	62.1	28.7	188.1		23	13440	8760	6920	6720	6400	6140	5840	
460/85R34(18.4R34)	DW16LX34, W16L	480	1646	753	4849	147D	1.6	7073	4613	3644	3536	3367	3229	3075	
		18.9	64.8	29.6	191		23	15590	10170	8030	7800	7420	7120	6780	
460/85R34(18.4R34)	DW16LX34 W16L	480	1646	753	4909	147D	1.6	7073	4613	3644	3536	3367	3229	3075	
		18.9	64.8	29.6	193.2		23	15590	10170	8030	7800	7420	7120	6780	
460/85R34	W15LX34 W16LW14L	480	1646	754	4995	157D	3	9488	6188	4888	4744	4517	4331	4125	
		18.9	64.8	29.7	196.7		44	20920	13640	10780	10460	9960	9550	9090	
320/85R36	W11 X 36	333	1460	680	4369	128D	1.6	4140	2700	2133	2070	1971	1890	1800	
		13.1	57.5	26.8	172		23	9130	5950	4700	4560	4350	4170	3970	
320/85R36	W11 X 36	333	1460	689	4524	147D	4.4	6270	5040		4340	3970	3600	3075	
		13.1	57.5	27.1	178.1		64	13820	11110		9570	8750	7940	6780	
380/80R38	W12X38 W11 X 38 W13 X 38 13	385	1575	736	4827	152D	4	8165	5325	4207	4083	3887	3728	3550	
		15.2	62	29	190		58	18000	11740	9280	9000	8570	8220	7830	
380/80R38	W12X38 W11 X 38 W13 X 38 13	385	1575	738	4821	142D	2.4	6095	3975	3140	3048	2902	2783	2650	
		15.2	62	29.1	189.8		35	13440	8760	6920	6720	6400	6140	5840	
420/85R38	W15LX38, W14LX38	443	1679	773	4949	144D	1.6	6440	4200	3318	3220	3066	2940	2800	
		17.4	66.1	30.4	194.8		23	14200	9260	7320	7100	6760	6480	6170	
460/85R38	DW15LX38 W16LX38 DW16LX38	480	1747	796.9	5194	149D	1.6	7480	4880	3850	3740	3560	3410	3250	
		18.9	68.8	31.4	204.5		23	16491	10759	8488	8245	7848	7518	7165	
520/85R38	DW16L X 38 W16L TW16L	520	1850	838	5537	155D	1.6	8913	5813	4592	4456	4243	4069	3875	
		20.5	72.8	33	218		23	19650	12820	10120	9820	9350	8970	8540	
520/85R38	DW16L X 38	520	1850	850	5588	169D	3.6	13340	8700		6670	6351	6090	5800	5278
		20.5	72.8	33.5	220		52	29410	19180		14710	14000	13430	12790	11640
420/80R46	13	418	1840	860	5598	159D	3.6	10063	6563	5184	5031	4791	4594	4375	3981
		16.5	72.4	33.9	220.4		52	22190	14470	11430	11090	10560	10130	9650	8780

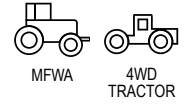
## 90 SERIES

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm	mm					Tractor Application							
		in	in					Static	10	25	30	40	50	65	70
		mm	mm	mm	mm	bar	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
420/90R30	W13	418	1518	687	4468	147D	2.4	7073	4613	3644	3536	3367	3229	3075	2798
		16.5	59.8	27	175.9		35	15590	10170	8030	7800	7420	7120	6780	6170
320/90R42	W10	319	1643	772	4989	147D	4	7073	4613	3644	3536	3367	3229	3075	2798
		12.6	64.7	30.4	196.4		58	15590	10170	8030	7800	7420	7120	6780	6170

# 95 SERIES

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm in	mm in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
210/95R16	W7	214	806	363	2381	106D	2.4	2185	1425	1126	1093	1040	998	950	865
		8.4	31.7	14.3	93.7		35	4820	3140	2480	2410	2290	2200	2090	1910
210/95R18	W7 W6	210	860	393	2557	108D	2.4	2300	1500	1185	1150	1095	1050	1000	910
		8.3	33.9	15.5	100.7		35	5070	3310	2610	2540	2410	2320	2210	2010

## 356



The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing and steel belts, high undertread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
		mm in	mm in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
11.2-24	W10 DW10, W9	290	1112	524	3434	10	3	3130	2040	1670	1460	1360	1240
		11.4	43.8	20.6	135.2	119A8 125A2	44	6900	4500	3680	3220	3000	2730
13.6R24	W12 W11	345	1190	542	3531	121A8	1.6	3340	2180	1610	1550	1450	1320
		13.6	46.9	21.3	139	118B	23	7360	4810	3550	3420	3200	2910
14.9R26	W13 W12	378	1300	592	3857	127A8	1.6	4030	2630	1940	1870	1750	1600
		14.9	51.2	23.3	151.9	124B	23	8890	5800	4280	4120	3860	3530
16.9R26	W15L W14L	429	1370	624	4066	135A8 132B	1.6	5010	3270	2420	2330	2180	2000
		16.9	53.9	24.6	160.1	138A8	23	11050	7210	5340	5140	4810	4410
						135B							
18.4R26	W16L W15L	476	1426	643	4205	140A8	1.6	5750	3750	2780	2680	2500	2300
		18.7	56.1	25.3	165.6	137B	23	12680	8270	6130	5910	5510	5070

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Field operation				Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	High Torque	Low Torque		Not high and sustained torque; Road transport					
									10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25	50 31
11.2R24	W10 W9	284	1095	510	3229	**	1.6	1260	1650	1420	2710	1770	1310	1260	1180	1070	
		11.2	43.1	20.1	127.1	114A8 111B	23	2780	3640	3130	5980	3900	2890	2780	2600	2360	
12.4R24	W11 W10 W9	315	1140	524	3402	**	1.6	1460	1900	1630	3130	2040	1510	1460	1360	1240	
		12.4	44.9	20.6	133.9	119A8 116B	23	3220	4190	3590	6900	4500	3330	3220	3000	2730	
14.9R24	W13 W12	378	1245 49	562	3674 144.6	**	1.6	1820	2380	2040	3910	2550	1890	1820	1700	1550	
						126A8 123B	23	4010	5250	4500	8620	5620	4170	4010	3750	3420	
						131A8	2.1	2090	2730	2340	4490	2930	2160	2090	1950	1770	
						128B	30	4610	6020	5160	9900	6460	4760	4610	4300	3900	
						142A8	3.4	2840	3710	3180	6100	3980	2940	2840	2650	2410	
						139B	49	6260	8180	7010	13450	8770	6480	6260	5840	5310	
16.9R24	W15L W14L	429	1320 52	601	3916 154.2	**	1.6	2270	2970	2540	4880	3180	2350	2270	2120	1930	
						134A8 131B	23	5000	6550	5600	10760	7010	5180	5000	4670	4260	
						150A8	5	3580	4690	4020	7710	5030	3720	3580	3350	3050	
						147B	73	7890	10340	8860	17000	11090	8200	7890	7390	6720	
9.5R24	W8 W7	241	1040	476	3096	**	1.6	1040	1370	1170	2240	1460	1080	1040	975	890	
		9.5	40.9	18.7	121.9	107A8 104B	23	2290	3020	2580	4940	3220	2380	2290	2150	1960	
11.2R28	W10 W9	284	1220	556	3599	**	1.6	1340	1750	1500	2880	1880	1390	1340	1250	1140	
		11.2	48	21.9	141.7	116A8 113B	23	2950	3860	3310	6350	4150	3060	2950	2760	2510	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Field operation			Speed, km/h (mph)					
								High Torque	Low Torque		Not high and sustained torque; Road transport					
									10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25
12.4R28	W11 W10 W9	315	1250	577	3740	**	1.6	1550	2030	1740	3340	2180	1610	1550	1450	1320
		12.4	49.2	22.7	147.2	121A8 118B	23	3420	4480	3840	7360	4810	3550	3420	3200	2910
13.6R28	W12 W11	345	1295	595	3891	**	1.6	1660	2170	1860	3570	2330	1720	1660	1550	1410
		13.6	51	23.4	153.2	123A8 120B	23	3660	4780	4100	7870	5140	3790	3660	3420	3110
14.9R28	W13 W12 W11	378	1350	618	4076	**	1.6	1930	2520	2160	4140	2700	2000	1930	1800	1640
		14.9	53.1	24.3	160.5	128A8 125B	23	4260	5560	4760	9130	5950	4410	4260	3970	3620
16.9R28	W15L W14L	429	1420	645	4207	**	1.6	2400	3140	2690	5150	3360	2490	2400	2240	2040
						136A8 133B	23	5290	6920	5930	11350	7410	5490	5290	4940	4500
						139A8	1.9	2600	3400	2920	5590	3650	2700	2600	2430	2210
9.5R28	W8 W7	241	1140	527	3414	**	1.6	1100	1140	1240	2370	1550	1140	1100	1030	940
		9.5	44.9	20.7	134.4	109A8 106B	23	2430	2510	2730	5230	3420	2510	2430	2270	2070
14.9R30	W13 W12	378	1400	644	4180	**	1.6	1980	2590	2220	4260	2780	2050	1980	1850	1680
		14.9	55.1	25.4	164.6	129A8 126B	23	4370	5710	4890	9390	6130	4520	4370	4080	3700
16.9R30	W15L W14L	429	1475	672	4383	**	1.6	2460	3220	2760	5290	3450	2550	2460	2300	2090
		16.9	58.1	26.5	172.6	137A8 134B	23	5420	7100	6090	11660	7610	5620	5420	5070	4610
12.4R32	W11 W10 W9	315	1350	627	4055	**	1.6	1610	2100	1800	3450	2250	1670	1610	1500	1370
						122A8 119B	23	3550	4630	3970	7610	4960	3680	3550	3310	3020
						134A8	2.9	2280	2980	2560	4900	3200	2360	2280	2130	1940
						131B	42	5030	6570	5640	10800	7060	5200	5030	4700	4280
						142A8	4.2	2840	3710	3180	6100	3980	2940	2840	2650	2410
16.9R34	W15L	429	1575	722	4757	139B	61	6260	8180	7010	13450	8770	6480	6260	5840	5310
						143A8	2.1	2920	3820	3270	6270	4090	3020	2920	2725	2480
						140B	30	6440	8420	7210	13820	9020	6660	6440	6010	5470
						**	1.6	2600	3400	2920	5590	3650	2700	2600	2430	2210
						139A8 136B	23	5730	7500	6440	12320	8050	5950	5730	5360	4870
18.4R34	W16L W15L	486	1671	750	4914	**	1.6	3000	3920	3360	6440	4200	3110	3000	2800	2550
						144A8 141B	23	6610	8640	7410	14200	9260	6860	6610	6170	5620
						157A8	2.8	4410	5780	4950	9490	6190	4580	4410	4125	3750
						154B	41	9720	12740	10910	20920	13650	10100	9720	9090	8270
13.6R36	W12	345	1500	697	4555	***	2.1	2200	2880	2470	4740	3090	2290	2200	2060	1870
						133A8	30	4850	6350	5450	10450	6810	5050	4850	4540	4120
						130B	**	1.6	1870	2450	2100	4030	2630	1940	1870	1750
16.9R38	W15L	456	1695	772	5217	127A8 124B	23	4120	5400	4630	8890	5800	4280	4120	3860	3510
						141A8	1.6	2760	3610	3090	5920	3860	2860	2760	2575	2340
						138B	23	6090	7960	6810	13050	8510	6310	6090	5680	5160
						146A8	2.1	3210	4200	3600	6900	4500	3330	3210	3000	2730
						143B	30	7080	9260	7940	15210	9920	7340	7080	6610	6020
20.8R38	W18L W16L	528	1835	834	5438	161A8	4	4950	6480	5550	10640	6940	5130	4950	4625	4250
						158B	58	10910	14290	12240	23460	15300	11310	10910	10200	9370
						**	1.6	3910	5110	4380	8400	5480	4050	3910	3650	3320
						153A8 150B	23	8620	11270	9660	18520	12080	8930	8620	8050	7320
						156A8	1.9	4280	5600	4800	9200	6000	4440	4280	4000	3640
380/80R38	W13	386	1605	735	4809	153B	28	9440	12350	10580	20280	13230	9790	9440	8820	8030
						142A8	2	2840	3710	3180	6100	3980	2940	2840	2650	2410
						142B	29	6260	8180	7010	13450	8770	6480	6260	5840	5310
18.4R42	W16L W15L	467	1850	853	5638	153A8	2.1	3910	5110	4380	8400	5480	4050	3910	3650	3320
						150B	30	8620	11270	9660	18520	12080	8930	8620	8050	7320
						148A8	1.6	3370	4410	3780	7250	4730	3500	3370	3150	2870
						145B	23	7430	9720	8330	15980	10430	7720	7430	6950	6330
						169A8	4.5	6210	8120	6960	13340	8700	6440	6210	5800	5280
20.8R42	W18L W16L	550	1945	890	5932	166B	65	13690	17900	15340	29410	19180	14200	13690	12790	11640
						155A8	1.6	4150	5430	4650	8910	5810	4300	4150	3875	3530
						152B	23	9150	11970	10250	19640	12810	9480	9150	8540	7780
						169A8	3.2	6210	8120	6960	13340	8700	6440	6210	5800	5280
						166B	46	13690	17900	15340	29410	19180	14200	13690	12790	11640

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Field operation			Speed, km/h (mph)					
								High Torque	Low Torque		Not high and sustained torque; Road transport					
									10 6	10 6	20 12	Static	10 6	25 16	30 19	40 25
14.9R46	W13	378	1824	851.4	5495	146A8	2.5	3210	4200	3600	6900	4500	3330	3210	3000	2730
						143B	36	7080	9260	7940	15210	9920	7340	7080	6610	6020
	W12	14.9	71.8	33.5	216.3	142A8	2.1	2840	3710	3180	6100	3980	2940	2840	2650	2410
						139B	30	6260	8180	7010	13450	8770	6480	6260	5840	5310
						149D	2.9	3810	4980	4270	7480	4880	3850	3740	3560	3410
						42	8400	10980	9410	16490	10760	8490	8250	7850	7520	
18.4R46	W16L	467	1958	906	5918	155A8	2.1	4150	5430	4650	8910	5810	4300	4150	3875	3530
						152B	30	9150	11970	10250	19640	12810	9480	9150	8540	7780
						176A8	3.5	7600	9940	8520	16330	10650	7880	7600	7100	7100
						176B	51	16760	21910	18780	36000	23480	17370	16760	15650	15650

## 354 AGRIFLEX R-1W SB

STEEL BELTED



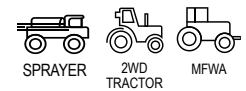
The advanced 354 Agriflex Improved Flexion (IF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry more load (up to 20%) at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. 354 Agriflex gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)			Not high and sustained torque; Road transport					Cyclic*	
								10 6	15 9	20 12	65 40	70 43	bar psi	10 6			
															10 6	15 9	20 12
420/85R34	W14L	417	1575	709	4675	154D	2.4	4690	4190	3840	3750	3410	3	5813			
	W15L	16.4	62	27.9	184.1		35	10340	9240	8470	8270	7520	44	12820			
380/80R38	DW13, DW12	398	1595	728	4710	149D	2.4	4060	3630	3330	3250	2960	3	5038			
		15.7	62.8	28.7	185.4		35	8950	8000	7340	7170	6530	44	11110			
380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	3750	3410	3	5813			
	DW12	15.4	66.4	30.2	197.6		35	10340	9240	8470	8270	7520	44	12820			
320/105R46	DW11 DW10 DW12	345	1840	857	5572	166D	4.8	6630	5920	5430	5300	4820	5.6	8215			
	W11, W12	13.6	72.4	33.7	219.4		70	14620	13050	11970	11680	10630	81	18110			
320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	3875	3530	4.4	6006			
	DW11	12.6	68.7	32	208		52	10670	9550	8750	8540	7780	64	13240			
380/90R46	DW13	391	1854	861	5595	168D	4.4	7000	6250	5740	5600	5100	5.2	8680			
							64	15430	13780	12660	12350	11240	75	19140			
	5.2	8130	7260	6660	6500		5920	6	9100								
	DW12					75	17920	16010	14680	14330	13050	87	20060				
520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	5150	4690	2	7983			
	DW16	20.9	80.8	36.1	236.7		23	14200	12680	11640	11350	10340	29	17600			
IF 340/85R48	W12 DW12	343	1808	851	5480	159D	4.1	5560	5030	4730	4375	3980	4.9	6130			
	W11	13.5	71.2	33.5	215.7		59	12260	11090	10430	9650	8770	71	13510			
IF 320/105R50	11 DW11	323	1938	901	5813	152D	2.4	4509			3550	3231	3.2	4970			
	DW10 DW12	12.7	76.3	35.5	228.9		35	9940			7830	7120	46	10960			
380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	7300	6640	5.2	10370			
	DW12	15.7	80.8	37.3	243.6		70	20130	17970	16490	16090	14640	75	22860			
380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	6000	5460	5.2	9300			
	DW12	15.2	77	35.7	232.1		64	16540	14770	13560	13230	12040	75	20500			
480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	5300	4820	3	8215			
	DW15	18.9	80.7	37.2	242.2		35	14620	13050	11970	11680	10630	44	18110			
480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	5150	4690	1.8	7363			
	DW15	18.9	86.1	38.9	256.6		23	14200	12680	11640	11350	10340	26	16230			
230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	2900	2640	4	4495			
		10.1	76.7	36.3	233.9		46	8000	7140	6550	6390	5820	58	9910			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW OD						Speed, km/h (mph)							
				Not high and sustained torque; Road transport					Cyclic*						
		mm in	mm in	mm in	mm in	mm in		mm in	bar psi	10 kmph	15 kmph	20 kmph	65 kmph	70 kmph	bar psi
270/105R54	W10	280	1946	917	5949	158D	4.4	5310	4750	4360	4250	3870	5.2	6588	
		11	76.6	36.1	234.2		64	11710	10470	9610	9370	8530	75	14520	
320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	5450	4960	5.2	8448	
	DW10 DW12	13	80.3	37.8	245.3		64	15010	13430	12320	12020	10940	75	18630	
IF 320/90R54	DW11 DW10	322	1950	920	5962	162D	4.4	6033			4750	4323	5.2	6650	
	DW12	12.7	76.8	36.2	234.7		64	13300			10470	9530	75	14660	
380/105R54	DW13 DW12	395	2163	1001	6532	180D	5.2	10000	8930	8200	8000	7280	6	12400	
		15.6	85.2	39.4	257.2		75	22050	19690	18080	17640	16050	87	27340	
IF 380/90R54	W13 DW13	380	2056	949	6179	171D	4.4	6765			6150	5597	5.2	8610	
	W12 DW12	15	80.9	37.4	243.3		64	14910			13560	12340	75	18980	

# 354 AGRIFLEX+



The advanced 354 Agriflex+ Very Improved Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. 354 Agriflex+ gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW OD						Speed, km/h (mph)								Cyclic operations	
				Not high and sustained torque; Road transport													
		mm in	mm in	mm in	mm in	mm in		mm in	bar psi	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	60 kmph	65 kmph	70 kmph
VF 380/85R34	13	395	1524	679	4503	149A8	1.6	3575	3348	3315	3250	3250	3250	3250	2958	2.4	4550
		15.6	60	26.7	177.3		23	7880	7380	7310	7170	7170	7170	7170	6520	35	10030
VF420/95R34	14	419	1662	731	4927	157D	1.6	-	4249	4208	4125	4125	4125	4125	3754	2.4	5775
		16.5	65.4	28.8	194		23	-	9370	9280	9090	9090	9090	9090	8280	35	12730
VF 480/70R34	W18L DW16L	491	1580	715	4724	160D	2.4	4950	4635	4590	4500	4500	4500	4500	4095	3.2	6300
	W16L DW18L	19.3	62.2	28.1	186		35	10910	10220	10120	9920	9920	9920	9920	9030	46	13890
VF320/80R42	11	320	1580	739	4786	155D	3.6	4263	3991	3953	3875	3875	3875	3875	3526	4.4	5425
		12.6	62.2	29.1	188.4		52	9400	8800	8720	8540	8540	8540	8540	7770	64	11960
VF320/90R42	DW11 DW10	323	1643	748	4858	148D	2	3465	-	3213	3150	3150	3150	3150	2835	2.8	4410
		29	7640	-	7080	6950	6950	6950	6950	6950	6250	41	9720				
		12.7	64.7	29.4	191.3	163D	4.4	5363	-	4973	4875	4875	4875	4875	4388	4.8	6300
		64	11820	-	10960	10750	10750	10750	10750	10750	10750	9670	70	13890			
VF 480/80R42	DW16L DW16	489	1848	823	5486	162D	1.6	5225	4893	4845	4750	4750	4750	4750	4323	2.4	6650
	DW15L DW15L	19.3	72.8	32.4	216		23	11520	10790	10680	10470	10470	10470	10470	9530	35	14660
VF 320/105R46	W11 DW11 DW10	325	1840	843	5601	172D	4.8	6930	6489	6426	6300	6300	6300	6300	5733	5.6	8820
	W10L W10	12.8	72.4	33.2	220.5		70	15280	14310	14170	13890	13890	13890	13890	12640	81	19450
VF380/85R46	W13	383	1814	834	5430	162D	2.8	5230	4890	4850	4750		4750	4320	3.6	6650	
	W12	15.1	71.4	32.8	213.8		41	11530	10780	10690	10470		10470	9520	52	14660	
VF380/90R46	W13 W12	391	1854	847	5559	175D	4.6	7590	7110	7040	6900	-	-	6900	6280	5.4	9660
		15.4	73	33.3	218.9		67	16730	15680	15520	15210	-	-	15210	13850	78	21300
VF 480/80R46	DW16L DW16	489	1948	876	5811	164D	1.6	5500	5150	5100	5000	5000	5000	5000	4550	2.4	7000
	DW15L DW15	19.3	76.7	34.5	228.8		23	12130	11350	11240	11020	11020	11020	11020	10030	35	15430
VF 320/90R50	11	319	1846	871	5645	161D	3.6	5088	4764	4718	4625	4625	4625	4625	4209	4.4	6475
		12.6	72.7	34.3	222.2		52	11220	10500	10400	10200	10200	10200	10200	9280	64	14280
420/95R50	14	425	2052	927	6131	177D	3.6	8030	-	7446	7300	7300	7300	7300	6643	4.4	10220
		16.7	80.8	36.5	241.4		52	17700	-	16420	16090	16090	16090	16090	14650	64	22530
VF 230/115R54	8	257	1947	912	5931	151D	3.2	3800	-	3520	-	-	-	3450	3140	4	4830
	W8	10.1	76.7	35.9	233.5		46	8380	-	7760	-	-	-	7610	6920	58	10650

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Tractor application						
		Static kmph	15 kmph	25 kmph	30 kmph	40 kmph	50 kmph							
18.4R30	W16L	467	1545	712	4618	155A8	3.2	11200	5190	4300	4150	3875	3875	
	W15L	18.4	60.8	28	181.8	152B	46	24690	11440	9480	9150	8540	8540	
12.4R36	11	315	1450	680	4507	146A8	3.8	8670	4020	3330	3210	3000	3000	
		12.4	57.1	26.8	177.4	143B	55	19110	8860	7340	7080	6610	6610	
13.6R38	DW10 W12 W11	345	1550	729	4846	151A8	4.8	9970	4620	3830	3690	3450	3450	
	D10 W10L	13.6	61	28.7	190.8		70	21980	10190	8440	8140	7610	7610	
14.9R38	W13 W12	378	1600	741	4742	133A8	1.6	5950	2760	2290	2200	2060	2060	
	W11	14.9	63	29.2	186.7	130B	23	13120	6090	5050	4850	4540	4540	
18.4R38	W16L W15L	480	1750	781	5284	170A8	3.2	8040	6660	6420	6000	5460		
		18.9	68.9	30.7	208	167B	46	17730	14680	14150	13230	12040		
15.5R38 (400/75R38)	W13 W14L	394	1570	723	4751	134A8	1.6	6130	2840	2350	2270	2120	2120	
	W12	15.5	61.8	28.5	187	131B	23	13510	6260	5180	5000	4670	4670	

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	65 kmph	70 kmph
VF380/80R38	DW13	398	1595	727	4831	167D	4.4	5720	5670	5610	5560	5450	5450	4960
	DW12	15.7	62.8	28.6	190.2		64	12610	12500	12370	12260	12020	12020	10940

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum RCI mm in	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)								Cyclic operations	
		mm in	mm in					10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph	65 kmph	70 kmph	bar psi	10 kmph
VF480/80R46	DW16L DW15L	489	1948	889	5857	177D	3.6	8030	7670	7590	7520	7450	7370	7300	6640	4.4	10220
		19.3	76.7	35	230.6		52	17700	16910	16730	16580	16420	16250	16090	14640	64	22530

# 376 MULTISTAR



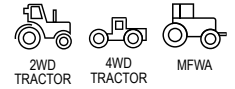
376 Multistar is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load
		SW	OD					Speed
		mm in	mm in					Field operation Low Torque 10 kmph
1050/50R32 Steel Belted	36VA	1050	1870	833	5656	185A8	3.2	12950
		41.3	73.6	32.8	222.7	182D	46	28550
900/60R32 (35.5LR32)	DW27B	869	1894	850	5645	176D	2.4	9940
		34.2	74.6	33.5	222.2	182D	35	21910
620/70R46	DW20B	620	2060	940	6140	185A8	3.2	12980
		24.4	81.1	37	241.7	162A8	46	28620
							1.6	6650
							23	14660



# FARMPRO RADIAL 80 R-1W



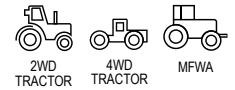
FarmPro 80 is engineered with a multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load												
		SW	OD					Speed												
		Drive wheel application							bar	Static	5	10	25	30	40	50				
		mm	mm					mm									mm	mm	mm	mm
380/80R38 (14.9R38)	W12 DW12	375	1578	728	4769	152A8	4	8170			5330	3940	3800	3550	3550					
	W13 W11	14.8	62.1	28.7	187.8	152B	58	18010			11750	8690	8380	7830	7830					
480/80R42	DW16L W16L	479	1835	836	5479	151A8	1.6	3450	7935	5865	4623	4244	3692	3450						
	W15L W14L DW14L	18.9	72.2	32.9	215.7	151B	23	7610	17490	12930	10190	9360	8140	7610						

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
		Mixed application						bar	Static	10	25	30	40	50				
		mm	mm												mm	mm	mm	mm
320/80R42	W10	319	1580	739	4676	141A8	3.2	5920	3860	2860	2760	2575	2575					
		12.6	62.2	29.1	184.1	141B	46	13050	8510	6310	6090	5680	5680					
480/80R46	DW16L	479	1960	880	5840	158A8	2.4	9780	6380	4720	4550	4250	4250					
		18.9	77.2	34.6	229.9	158B	35	21560	14070	10410	10030	9370	9370					

# FARMPRO RADIAL 90 R-1W



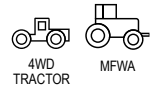
FarmPro 90 is engineered with a multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load												
		SW	OD					Speed												
		Drive wheel application							bar	Static	5	10	25	30	40	50				
		mm	mm					mm									mm	mm	mm	mm
420/90R30	W13					142A8	1.6	6100	3980	2940	2840	2650	2650	3550						
						142B	23	13450	8770	6480	6260	5840	5840	7830						
						147A8	2.4	7070	4610	3410	3290	3075	3075	3450						
						147B	35	15590	10160	7520	7250	6780	6780	7610						
320/90R42	W10	319	1643	764	4940	147A8	3.6	7070	4610	3410	3290	3075	3075							
		12.6	64.7	30.1	194.5	147B	52	15590	10160	7520	7250	6780	6780							
320/90R46	W10	319	1744	815	5258	148A8	3.6	7250	4730	3500	3370	3150	3150							
		12.6	68.7	32.1	207	148B	52	15980	10430	7720	7430	6950	6950							

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load														
		SW	OD					Speed						Cyclic operation								
		Non cyclic operation						bar	Static	10	15	25	30	40	50	bar	10	15				
		mm	mm																mm	mm	mm	mm
380/90R46 (14.9R46)	W12	380	1855	866	5591	165A8	4.8	11850	7730	6900	5720	5510	5150	5150	6	8760	7980					
	W11 W13	15	73	34.1	220.1	165B	70	26130	17040	15210	12610	12150	11350	11350	87	19310	17590					

# 373 VIBROFARM R-1W



373 VIBROFARM is a versatile R-1W agricultural pattern with a uniquely designed tread design. Sinusoidal center rib enables high performance due to minimized rutting and multi-angular shoulder lugs provide good traction on soft surfaces. More number of blocks and a high rubber-to-void tread ratio enable low rolling resistance during transport operations on hard surfaces ultimately increasing the tread life. 373 VIBROFARM has steel belted construction offering a flatter footprint and puncture protection as well. The specially designed tread pattern offers tractive tendency up to 80% of tread wear.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		mm	mm	mm	mm	bar	TRACTOR APPLICATION								
		in	in	in	in	psi	Static	5	10	25	30	40	50		
380/70R24 (13.6R24)	W12 W13 W11	380	1190	556	3573	140D	3.9	3750	3075	2875	2738	2625	2500	2275	
		15	46.9	21.9	140.7	143A8	57	8270	6780	6340	6040	5790	5510	5020	
420/70R24 (14.9R24)	W13 W12 W14L	420	1247	575	3727	146D	4	4500	3690	3450	3285	3150	3000	2730	
		16.5	49.1	22.6	146.7	149A8	58	9920	8140	7610	7240	6950	6610	6020	
420/70R28 (14.9R28)	W13L W12 W14L	418	1349	614	4041	148D	4	4725	3875	3623	3449	3308	3150	2867	
		16.5	53.1	24.2	159.1	151A8	58	10420	8540	7990	7600	7290	6950	6320	

# BIAS TRACTOR

## 348 TracPRO R-1



348 TracPRO has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.

Sizes	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	Mm In	mm in	mm in			Mixed application				
								Static	10 6	20 12	30 19	40 25
8-18	W7	206	840	398	2537	4	1.6	1180	770	700	515	410
		8.11	33.07	15.66	99.88	85A6	23	2600	1700	1540	1140	900
9.5-24	W8	242	1055	508	3201	12	4.2	3680	2400	2160	1600	1280
		9.5	41.5	20	126	124A6	61	8110	5290	4760	3530	2820
11.2-24	W10	284	1115	526	3412	8	2.4	2880	1880	1690	1250	1000
		11.2	43.89	20.7	134.3	116A6	35	6340	4140	3720	2750	2200
12.4-24	W11	315	1170	556	3599	12PR	3.6	4140	2520	2160	1800	1620
		12.4	46.06	21.88	141.69	128A6	52	9120	5550	4760	3960	3570
11.2-28	W10	288	1211	580	3706	8	2.4	3040	1980	1780	1320	1060
		11.3	47.7	22.8	145.9	118A6	35	6700	4370	3920	2910	2340
12.4-28	W11	315	1260	593	3776	12	2.5	3800	2310	1980	1650	1490
		12.4	49.6	23.3	148.6	125A6	36	8370	5090	4360	3630	3280
13.6-28	W12	347	1320	620	3885	12	2.3	4140	2520	2160	1800	1620
		13.7	52	24.4	152.9	128A6	33	9120	5550	4760	3960	3570
14.9-28	W13	395	1387	649	4147	12	2.3	4880	3180	2860	2120	1700
		15.7	54.6	25.6	163.3	134A6	33	10760	7010	6310	4670	3750
16.9-28	W15L	429	1435	645	4225	12	2.4	6270	3820	3270	2725	2450
		16.9	56.5	25.4	166.3	143A6	35	13810	8410	7200	6000	5400
16.9-30	W15L	429	1485	667	4370	12	2.4	6440	3920	3360	2800	2520
		16.9	58.5	26.3	172	144A6	35	14190	8630	7400	6170	5550
18.4-30	W16L	500	1600	745.7	4830	12	2.3	7480	4550	3900	3250	2930
		19.7	63	29.36	190.2	149A6	33	16480	10020	8590	7160	6450
						14	2.6	7940	5180	4660	3450	2760
						151A6	38	17490	11410	10260	7600	6080

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Infl. press.	Recommended Load							
		SW	OD					Speed							
		mm	mm	mm	mm			Tractor application							
								in	in	in	in	bar	Static	10	15
						psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
18.4-30	16	465	1550	720	4687	14	2.6	7940	4830	4490	4140	3690	3450	3280	3110
		18.3	61	28.3	184.5	151A6	38	17510	10650	9900	9130	8140	7610	7230	6860
18.4-30	W16L, W15L	500	1600	739	4792	14	2.6	7940	4830	4490	4140	3690	3450	3280	3110
		19.7	63	29.1	188.7	151A6	38	17510	10650	9900	9130	8140	7610	7230	6860



Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
								Not high and sustained torque; Road transport						Field operation		
		mm in	mm in					mm in	mm in	Static	10 6	20 12	30 19	40 25	50 31	Low Torque 10 6
9.5-20	W8	241	940	442	2845	6PR	2.1	1900	1240	1010	880	825	750	1160	990	880
	W7	9.5	37	17.4	112	101A8	30	4190	2730	2230	1940	1820	1650	2560	2180	1940
9.5-22	W8	241	996	468	3013	101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110
						8	2.7	2190	1430	1170	1020	950	-	1330	1140	-
	W7	9.5	39.2	18.4	118.6	106A8	39	4820	3150	2580	2250	2090	-	2930	2510	-
						6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130
11.2-24	W10	284	1105	512	3314	110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490
						8	2.4	2880	1880	1540	1340	1250	1140	1750	1500	1340
	W10H	11.2	43.5	20.2	130.5	116A8	35	6350	4150	3400	2950	2760	2510	3860	3310	2950
						6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300
12.4-24	W11	315	1160	21.5	138.8	115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860
						8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550
						121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420
						10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780
						125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920
						12	3.5	4255	2775	2275	1980	1850	1685	-	-	-
13.6-24	W12	345	1210	549	3584	129A8	51	9380	6118	5015	4365	4078	3715	-	-	-
						8	2	3550	2320	1710	1650	1545	1390	-	-	-
14.9-24	W13	378	1265	574	3745	123A8	20	7860	5130	4210	3660	3410	3110	4780	4100	3660
						8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930
						128A8	26	9130	5950	4870	4260	3970	3620	5560	4760	4260
						6	2.4	1840	1200	980	860	800	730	1120	960	860
8.3-24	W7	211	995	470	3020	100A8	35	4050	2640	2160	1890	1760	1610	2470	2110	1890
						8	3.1	2130	1390	1140	990	925	840	1295	1110	990
						105A8	45	4700	3060	2510	2180	2040	1850	2860	2450	2180
						10	3.8	2415	1575	1290	1125	1050	955	1470	1260	1120
						111A8	55	5325	3470	2845	2480	2315	2105	3240	2780	2470
9.5-24	W8	241	1050	493	3175	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250
						8	2.8	2580	1680	1380	1200	1120	1020	1570	1340	1200
						112A8	41	5690	3700	3040	2650	2470	2250	3460	2950	2650
						10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370
						117A8	51	6520	4250	3480	3020	2830	2580	3960	3390	3020
						6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140
18.4-26	W16L	467	1450	646	4244	132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710
						12	2.3	6900	4500	3690	3210	3000	2730	4200	3600	3210
						146A8	33	15200	9910	8130	7070	6610	6010	9250	7930	7070
11.2-28	W10	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200	1850	1580	1410
						11.2	47.4	22	142.6	118A8	35	6700	4370	3570	3110	2910
12.4-28	W11L	315	1260	583	3776	123A8	33	7870	5140	4210	3660	3420	3110	4780	4100	3660
						12	2.5	3795	2475	2030	1765	1650	1500	-	-	-
						125A8	36	8365	5455	4475	3890	3635	3305	-	-	-
13.6-28	W12	345	1310	615.67	4010	8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	29	8380	5470	4480	3900	3640	3310	5090	4370	3900
						12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270
14.9-28	W13	378	1365	618	4036	134A8	44	10750	7000	5180	5000	4670	4210	6540	5590	5000
						6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030
						125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470
						12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530
16.9-28	W10H	14.9	53.7	24.3	158.9	138A8	38	11960	7800	5770	5570	5200	4670	7270	6230	5570
						6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980
						129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360
						10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
14.9-28	W14L	16.9	56.5	25.4	166.3	143A8	35	13810	9010	7380	6430	6000	5460	8410	7200	6430
						6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
								Not high and sustained torque; Road transport										Field operation		
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque			High Torque			
10 6	20 12	30 19																		
8.3-28	W7 W6	211	1095	521	3338	6	2.4	2010	1310	1080	940	800	1230	1050	940					
		8.3	43.1	20.5	131.4	103A8	35	4430	2890	2380	2070	1930	1760	2710	2310	2070				
						8	3.2	2380	1550	1270	1110	1035	940	1450	1240	1110				
						109A8	46	5240	3410	2800	2440	2280	2070	3190	2730	2440				
14.9-30	W13 W12	378	1415	658	4261	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820				
		14.9	55.7	25.9	167.8	126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010				
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140				
16.9-30	W15L W14L DW14	429	1485	667	4369	6	1.3	4370	2850	2340	2030	1900	1730	2660	2280	2030				
						130A8	19	9630	6280	5160	4480	4190	3810	5860	5030	4480				
						8	1.7	5290	3450	2830	2460	2300	2090	3220	2760	2460				
						137A8	25	11660	7610	6240	5420	5070	4610	7100	6090	5420				
		16.9	58.5	26.3	172	10	2.1	5920	3860	3170	2760	2575	2340	3610	3090	2760				
						141A8	30	13050	8510	6990	6090	5680	5160	7960	6810	6090				
						12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060				
						144A8	36	14510	9460	7760	6750	6310	5730	8820	7560	6750				
18.4-30	W16L DW16 DW15L	467	1550	718	4769	12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480				
						28.3	187.8	149A8	33	16480	10750	8810	7670	7160	6520	10020	8590	7670		
						18.4	61	714	4704	14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800
						28.1	185.2	152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370		
12.4-32	W11L W10 W10H	315	1360	633	4090	6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460				
						119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220				
						8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770				
						125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900				
9.5-32	W8 W7	241	1251	600	3416	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020				
		9.5	49.3	23.6	134.5	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250				
16.9/14-34	W15 DW14	429	1585	725	4716	6	1.3	4740	3090	2530	2200	2060	1870	2880	2470	2200				
						133A8	19	10440	6810	5570	4850	4540	4120	6340	5440	4850				
						10	2	6100	3980	3260	2840	2650	2410	3710	3180	2840				
						142A8	29	13440	8770	7180	6260	5840	5310	8170	7000	6260				
18.4-34	W16L DW16 W15L	467	1650	761	5061	14	2.8	7480	4880	4000	3480	3250	2960	4550	3900	3480				
						149A8	41	16480	10750	8810	7670	7160	6520	10020	8590	7670				
						10	1.8	6900	4500	3690	3210	3000	2730	4200	3600	3210				
						146A8	26	15200	9910	8130	7070	6610	6010	9250	7930	7070				
9.5-36	W8 W7	241	1353	649.2	4140	14	2.5	8400	5480	4490	3910	3650	3320	5110	4380	3910				
						30.2	200.4	153A8	36	18500	12070	9890	8610	8040	7310	11260	9650	8610		
						25.6	163.0	6	2.1	2370	1550	1270	1100	1030	940	1440	1240	1100		
						645	4160	109A8	30	5220	3410	2800	2420	2270	2070	3170	2730	2420		
12.4-36	W11L W10 W10H	315	1465	682	4407	14	5	4740	3090	2530	2200	2060	1870	2880	2470	2200				
						25.4	163.8	133A8	73	10440	6810	5570	4850	4540	4120	6340	5440	4850		
						6	1.7	3340	2180	1780	1550	1450	1320	2030	1740	1550				
						121A8	25	7360	4800	3920	3410	3190	2910	4470	3830	3410				
12.4-36	W11L W10 W10H	12.4	57.7	26.9	173.5	10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090				
						131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Mixed Application				
								Static	10 6	20 12	30 19	40 25
6.5/80-12	5J	163	587	302.2	1772	6	3.6	1040	630	540	450	410
		6.4	23.1	11.9	69.8	80A6 77A8	52	2290	1390	1190	990	900

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
		Tractor application																
		mm	mm	mm	mm			bar	Static	5	10	15	20	25	30	35	40	45
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
8.3/8-24	W7X24	211	995	478	3190	8	3.1	2280	1570	1390	1240	1140	1030	990	950	925	890	840
		8.3	39.2	18.8	125.6		45	5030	3460	3060	2730	2510	2270	2180	2090	2040	1960	1850
11.2/10-24	W10 W9 DW10 W10H	284	1105	520	3314	8	2.4	3080	2130	1880	1680	1540	1390	1340	1290	1250	1200	1140
		11.2	43.5	20.5	130.5	116A8	35	6790	4700	4150	3700	3400	3060	2950	2840	2760	2650	2510
13.6-28	W11	345	1310	615.7	3961.8	8	2	4070	—	2480	2210	2030	1830	1770	1700	1650	—	—
		13.6	51.6	24.2	156	125A8	29	8973	—	5467	4872	4475	4034	3902	3748	3638	—	—
12.4/11-28	11	315	1260	599	1827	12	2.8	4070	2810	2480	2210	2030	1830	1770	1700	1650	1580	1500
		12.4	49.6	23.6	71.9	125A8	41	8970	6200	5470	4870	4480	4030	3900	3750	3640	3480	3310
14.9/13-28	W13	378	1365	618	4036	12	2.6	5820	4010	3540	3160	2900	2620	2530	2430	2360	2270	2150
		14.9	53.7	24.4	155.6	138A8	38	12830	8840	7800	6970	6390	5780	5580	5360	5200	5000	4740
14.9/13-28	13	378	1365	619	3951	12	2.6	5820	4010	3540	3160	2900	2620	2530	2430	2360	2270	2150
		14.9	53.7	24.3	158.9	138A8	38	12830	8840	7800	6970	6390	5780	5580	5360	5200	5000	4740
16.9/14-30	15	429	1485	685	4506	6	1.3	4670	3230	2850	2550	2340	2110	2030	1960	1900	1820	1730
		16.9	58.5	27	177.4	130A8	19	10300	7120	6280	5620	5160	4650	4480	4320	4190	4010	3810
18.4-30	DW16A	467	1550	714	4666	14	2.6	8740	6040	5330	4760	4370	3940	3800	3660	3550	3410	3230
		18.4	61	28.1	183.7	152A8	38	19270	13320	11750	10490	9630	8690	8380	8070	7830	7520	7120
18.4-30	DW16L, W16L, W15L	475	1550	721	4672	16	2.9	8910	—	5810	—	4770	—	4150	—	3875	—	—
		18.7	61	28.4	183.9	155A8	42	19640	—	12810	—	10520	—	9150	—	8540	—	—
18.4-30	DW16A	475	1550	714.5	4704	12	2.3	8000	5530	4880	4360	4000	3610	3480	3350	3250	3120	2960
		18.7	61	28.1	185.2	149A8	33	17637	12192	10759	9612	8818	7959	7672	7385	7165	6878	6526
12.4/11-32	11	315	1360	647	4156	8	2.2	4070	—	2480	2210	2030	1830	1770	1700	1650	—	—
		12.4	53.5	25.5	163.6	125A8	32	8970	—	5470	4870	4480	4030	3900	3750	3640	—	—
18.4-34	W16LX34 DW15AX34	477	1655	764.5	5084	14	2.5	8990	6210	5480	4890	4490	4050	3910	3760	3650	3500	3320
		18.8	65.2	30.1	200.2	153A8	36	19820	13691	12081	10781	9899	8929	8620	8289	8047	7716	7319
12.4/11-36	W11L, W10	315	1465	682	4407	8	2.2	4190	2890	2550	2280	2090	1890	1820	1750	1700	1630	1550
		12.4	57.7	26.9	173.5	126A8	32	9240	6370	5620	5030	4610	4170	4010	3860	3750	3590	3420
12.4/11-36	11	315	1465	701	4523	8	2.2	4190	2890	2550	2280	2090	1890	1820	1750	1700	1630	1550
		12.4	57.7	27.6	178.1	126A8	32	9240	6370	5620	5030	4610	4170	4010	3860	3750	3590	3420

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load											
		SW	OD					Speed											
		DRIVE WHEEL										FREE ROLLING							
		mm	mm	mm	mm			bar	Static	10	15	20	30	40	Static	10	15	20	30
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
15.5/80-24	W12	380	1240	561	3939	16	4	8108	4450	4175	3933	3450	3105	8044	6290	5899	5558	4875	4388
		15	48.8	22.1	155.1	163A6/159A8 151A6/147A8	58	17734	13867	13005	12253	10748	9674	17875	9811	9204	8671	7606	6845

## 324 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		Free rolling								Drive Wheel						
		mm	mm	mm	mm				bar	10	20	30	40	10	20	30
in	in	in	in	psi	6	12	19	25	6	12	19	25				
15.5/80-24	W12 W13 W14L	384	1262	566	3786	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390
									10660	9430	8250	7440	7530	6650	5840	5260
		15.1	49.7	22.3	149.1	12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610
									11720	10350	9090	8170	8240	7290	6390	5750
		16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110				
													159A8	58	13850	12250
16.5/85-28	W13 W14L W15L	417	1423	626	4130	12	163A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110
									159A8	41	13850	12250	10740	9670	9800	8660

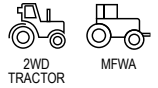
Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
		Tractor application																
		mm	mm	mm	mm			bar	Static	5	10	15	20	25	30	35	40	45
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
14.9-24	W13	378	1265	588	3815	8	1.8	4440	3060	2700	2410	2210	2000	1930	1850	1800	1730	1640
		14.9	49.8	23.1	150.2	128A8	26	9790	6750	5950	5310	4870	4410	4260	4080	3970	3810	3620



# 324 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)														
		SW	OD				Wheel		Speed, km/h (mph)														
		mm in	mm in	Load index speed Sym	Free rolling				Drive Wheel														
							10	20	30	40	10	20	30	40									
6.50/80-12	5.00F	163	558	270	1719	6	93A6	→	3.6	840	740	650	590	580	510	450	410						
		6.4	22	10.6	67.7		89A8	○		52	1850	1630	1430	1300	1280	1120	990	900					
							80A6	→															
							77A8	○															
6.50/80-15	5.00F	163	663	295	1942	6	98A6	→	3.6	970	860	750	680	680	600	530	480						
		6.4	26.1	11.6	76.5		94A8	○		52	2140	1890	1650	1500	1500	1320	1170	1060					
							86A6	○															
							83A8	○															
6.50-16	5.50F	189	754	347	2250	6	99A6	→	2.7	1000	880	775	700	700	620	545	490						
		7.4	29.7	13.7	88.6		96A8	○		39	2200	1940	1710	1540	1540	1370	1200	1080					
						8	87A6	○	3.8	1190	1050	925	830	840	740	650	590						
							83A8	○		55	2620	2310	2040	1830	1850	1630	1430	1300					
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	4	96A6	→	1.5	920	810	710	640	650	570	500	450						
							84A6	○		22	2030	1780	1560	1410	1430	1260	1100	990					
						8	112A6	→	3.1	1440	1280	1120	1010	1000	880	775	700						
							108A8	○		45	3170	2820	2470	2220	2200	1940	1710	1540					
						10	99A6	○	4	1610	1425	1250	1125	1130	995	875	785						
							96A8	○		58	3550	3140	2755	2480	2490	2195	1930	1730					
8.25-16	6.00F 5.00F 5.50F	229	818	371	2450	6	116A6	→	2	1330	1170	1030	930	940	830	730	660						
							109A6	○		29	2930	2580	2270	2050	2070	1830	1610	1450					
						8	105A8	○	2.8	1570	1390	1215	1090	1100	970	850	770						
							97A6	○		41	3460	3060	2680	2400	2420	2140	1870	1700					
						7.00-18	5.00F 5.5	178	803	373	2413	4	115A6	→	1.3	1520	1350	1180	1060	1100	970	850	770
													111A8	○		19	3350	2970	30	2330	2420	2140	1870
6	102A6	○	2	2000	1770							1550	1400	1440	1280	1120	1010						
	99A8	○		29	4410							3900	3410	3080	3170	2820	2470	2220					

# 347 R-1



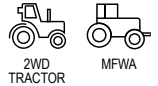
Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection against punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Not high and sustained torque; Road transport						Field operation		
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque		High Tor
10 6	20 12	10 6														
23.1-26	DW20B	587 23.1	1605 63.2	737 29.0	4838 190.5	12	1.7	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	25	18500	12070	9890	8610	8040	7310	11260	9650	8610
						14	2	9200	6000	4920	4280	4000	3640	5600	4800	4280
						156A8	29	20260	13220	10840	9430	8810	8020	12330	10570	9430
						16	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680
23.1-30	DW20A	587 23.1	1707 67.2	754 29.7	4969 195.6	8	1.7	8910	5810	4770	4150	3875	3530	5430	4650	4150
						147A8	25	19630	12800	10510	9140	8540	7780	11960	10240	9140
						14	2	9780	6380	5230	4550	4250	3870	5950	5100	4550
						158A8	29	21540	14050	11520	10020	9360	8520	13110	11230	10020
24.5-32	DW21B DW21A DW21 DW20A	622 24.5	1805 71.1	808 31.8	5391 212.2	10	1.4	9200	6000	4920	4280	4000	3640	5600	4800	4280
						156A8	20	20260	13220	10840	9430	8810	8020	12330	10570	9430
						12	1.7	10350	6750	5540	4820	4500	4100	6300	5400	4820
						160A8	25	22800	14870	12200	10620	9910	9030	13880	11890	10620
23.1-34	DW20A	587 23.1	1808 71.2	800 31.5	5269 207.4	8	1.1	7480	4880	4000	3480	3250	2960	4550	3900	3480
						149A8	16	16480	10750	8810	7670	7160	6520	10020	8590	7670
						10	1.4	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	20	18500	12070	9890	8610	8040	7310	11260	9650	8610
13.6-36	W12	345 13.6	1514 59.6	691 27.2	4499 177.1	6	1.6	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	23	8370	5460	4470	3900	3630	3300	5090	4360	3900
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
						143A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430
16.9-38	W15L W15A W14L W14A	429 16.9	1689 66.5	767 30.2	5003 197	8	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760
						141A8	25	13040	8500	6980	6080	5670	5150	7950	6810	6080
						10	1.8	7250	4730	3870	3370	3150	2870	4410	3780	3370
						148A8	26	15970	10420	8520	7420	6940	6320	9710	8330	7420
18.4-38	DW16 W16L W15L	467 18.4	1750 68.9	795 31.3	5185 204.1	14	2.5	8910	5810	4770	4150	3875	3530	5430	4650	4150
						155A8	36	19640	12810	10520	9150	8540	7780	11970	10250	9150
						8	1.3	7250	4730	3870	3370	3150	2870	4410	3780	3370
						148A8	19	15970	10420	8520	7420	6940	6320	9710	8330	7420
20.8-38	W18L	528 20.8	1840 72.4	845.5 33.3	5502 216.6	14	2.2	10060	6560	5380	4680	4375	3980	6130	5250	4680
						159A8	32	22160	14450	11850	10310	9640	8770	13500	11560	10310
						8	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. Press	Recommended Load					
		SW	OD					Speed					
								TRACTOR APPLICATION					
								Static kmph	10 kmph	20 kmph	30 kmph	40 kmph	50 kmph
23.1-26	DW20BX26	600	1605	713.5	4848	12	1.7	8395	5475	4490	3906	3650	3322
		23.6	63.2	28.1	190.9	153A8	25	18508	12070	9899	8611	8047	7324
23.1-26	DW20BX26	600	1605	732.6	4795	16	2.3	10063	6563	5381	4681	4375	3981
		23.6	63.2	28.8	188.8	159A8	33	22185	14469	11863	10320	9645	8777

# FarmPRO TD23 R-1

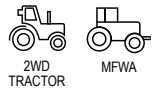


The 23 degree tread offers maximum traction while distinct terracing in the space between the lugs is designed to enhance self-cleaning and provide constant traction in soft soil and mud. The neutral casing mould design minimizes stresses from the under inflated to the inflated tire, resulting in enhanced long-term reliability.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar/(psi)	Recommended Load Capacity								
		SW	OD					Max Load Capacity - kgs/(lbs)								
		mm / in	mm / in					Static	15kmph	20kmph	25kmph	30kmph	40kmph	50kmph		
23.1-30	DW20B	587	1707	780	5125	12PR	1.7	7935	5175	4623	3830	3692	3450	3140		
		23.1	67.2	30.7	201.8	151A8	25	17490	11410	10190	8440	8140	7610	6920		
24.5-32	DW21B	622	1803	809	5468	12PR	1.7	10638	6198	5689	5134	4949	4625	4209		
		24.5	71	31.9	215.2	156A8	25	23450	13660	12540	11320	10910	10200	9280		
24.5-32	DW21B	622	1803	834.4	5315	12	1.7	9200	-	4920	-	4280	4000	3640		
	DW20B	24.5	71	32.9	209.3	156A8	25	20283	-	10847	-	9436	8818	8025		
24.5-32	DW21B	622	1803	773	5438	12	1.7	9200	-	4920	-	4280	4000	3640		
	DW20B DW21 DH21HB DH21B	24.5	71	30.4	214.1	156A8	25	20283	-	10847	-	9436	8818	8025		
20.8-38	W18A	529	1834	833	5513	10	1.5	7245	-	3495	-	3370	3150	-		
				32.6	72.2	32.6	212.2	148A8	22	15970	-	7710	-	7430	6950	-
				829	5389	14	2.2	8913	-	4766	-	4146	3875	3526		
16.9-38	W15L	429	1689	32.8	217	155A8	32	19650	-	10510	-	9140	8540	7770		
				16.9	66.5	30.7	197.2	142A8	33	9880	6570		2730	2490	2240	-

# 357 R-1



A tractor tire with extra strong lugs for heavy-duty services, that is engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degree lug angle around the centerline provides continuous rolling and lower rolling resistance on the roads, as well as lower side slippage during off-the-road and hillside operations. A strong nylon carcass guards against mechanical failures and moisture deterioration.

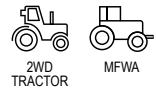


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		Not high and sustained torque; Road transport										Field operation					
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
12.4-24	W11 W10 W10H	315	1160	533	3461	121A8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
								33	7360	4810	3920	3420	2910	4480	3840	3420	
								3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980
								51	9380	6120	5020	4360	4070	3700	5700	4890	4360
13.6-28	W12 W11	345	1310	596	3884	121A8	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550	
								23	7360	4800	3920	3410	3190	2910	4470	3830	3410
12.4-36	W11L W10 W10H	315	1465	682	4407	131A8	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
								41	9890	6450	5290	4600	4300	3900	6010	5150	4600
13.6-38	W12 W11	345	1565	729	4709	131A8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
								29	9890	6450	5290	4600	4300	3900	6010	5150	4600
13.6/12-38	W12 W11	345	1565	729	4709	126A8	23	8620	5620	4610	4010	3750	3420	5250	4500	4010	
						8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
						131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610	
15.5-38	W14L DW14	394	1570	724	4695	127A8	20	8890	5800	4740	4120	3860	3510	5400	4630	4120	
						6	1.4	4030	2630	2150	1870	1750	1590	2450	2100	1870	
						8	1.8	4740	3090	2530	2200	2060	1870	2880	2470	2200	
						133A8	26	10450	6810	5580	4850	4540	4120	6350	5450	4850	
						10	2.3	5430	3540	2900	2530	2360	2150	3300	2830	2530	
						138A8	33	11970	7800	6390	5580	5200	4740	7280	6240	5580	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque		High Torque			
mm in	mm in	mm in	mm in	Bar psi	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6							
14.00-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090			
	W11	13.6	61.6	28.7	185.4	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600			
18.4-38	W16L	467	1750	795	5185	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920			
						139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430			
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920			
						143A8	20	13820	9020	7390	6440	6010	5470	8420	7210	6440			
						12	2.1	8400	5480	4490	3910	3650	3320	5110	4380	3910			
						153A8	30	18520	12080	9900	8620	8050	7320	11270	9660	8620			

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Tractor application					
								Static	10	25	30	40	
mm	mm	mm	mm	bar	kmph	kmph	kmph	kmph	kmph				
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph				
12.4/11-24	W11	315	1160	534	3496	12	3.5	4260	2780	2050	1980	1850	
	W10 W9	12.4	57.7	27.6	178.1	126A8	32	9240	5620	4170	4010	3750	

## 358 R-1



358 is a tractor drive wheel tire characterized by extra strong lugs for heavy-duty services on medium HP agricultural tractors and implements. Its tread pattern includes special reinforced durable lugs in the lug base area that prevents fatigue cracks. In addition, triple angled lugs enable smooth ride in fields and on road. A strong nylon diagonal carcass guards against mechanical failures and moisture deterioration.



## 358 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
		SW	OD						Speed, km/h (mph)																		
									Free rolling				Drive Wheel														
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31											
mm in	mm in	mm in	mm in	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31															
16.5/85-24	W13 W14L W15	417	1344	574.32	3934	12	162A6	↻	2.8	6130	5420	4750	4280	4320	3820	3350	3020										
							158A8	↻										41	13500	11940	10460	9430	9520	8410	7380	6650	
							146A8	↻																			
							165A6	↻																			
							161A8	↻										3.3	6640	5870	5150	4640	4710	4160	3650	3290	
							153A6	↻										48	14630	12930	11340	10220	10370	9160	8040	7250	
				592.6	4011	14	149A8																				
				22.6	154.9																						
				23.3	157.9																						

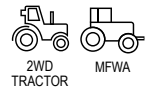
## 358 DRIVE WHEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Drive Wheel				Free rolling				
								10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31
mm in	mm in	mm in	mm in	bar psi	10 6	25 16	40 25	50 31	Static	10 6	25 16	40 25	50 31			
16.9-24	W15L W16L	429	1335	613.9	4001	8	1.7	1870	2880	2470	2200	4740	3090	2510	2200	2060
	W14L DW14	16.9	52.6	24.2	157.5	133A8	25	4120	6350	5450	4850	10450	6810	5530	4850	4540
14.9-28	W13	378	1365	618	4036	6	1.4	1500	2310	1980	1770	3800	2480	2030	1770	1650
	W12	14.9	53.7	24.3	158.9	125A8	20	3310	5090	4370	3900	8380	5470	4480	3900	3640
15.5-38	W14L DW14	394	1570	724	4695	6	1.4	1590	2450	2100	1870	4030	2630	2150	1870	1750
						127A8	20	3510	5400	4630	4120	8890	5800	4740	4120	3860
						8	1.8	1870	2880	2470	2200	4740	3090	2530	2200	2060
						133A8	26	4120	6350	5450	4850	10450	6810	5580	4850	4540
						10	2.3	2150	3300	2830	2530	5430	3540	2900	2530	2360
				28.5	184.8	138A8	33	4740	7280	6240	5580	11970	7800	6390	5580	5200

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
		Tractor application																
		mm	mm	mm	mm	bar	Static	5	10	15	20	25	30	35	40	45	50	
in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
14.9-28	W12	378	1365	632	4553	8	1.8	4370		2850		2337		2033		1900		1729
	W11	14.9	53.7	24.9	179.3	130A8	26	9630		6280		5150		4480		4190		3810
16.9-24	W16L W14L	429	1335	601	3933	8	1.7	4738	3502	3090	2760	2534	2287	2204	2122	2060	1978	1875
	DW14	16.9	52.6	23.7	154.8		25	10450	7720	6810	6090	5590	5040	4860	4680	4540	4360	4130

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
		mm	mm	mm	mm	bar	Static	10	20	30	40	50	
		in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	
14.9-24	W11					8	1.8	4140	2700	2210	1930	1800	1620
	W12	378	1265	565	3710	128A8	26	9130	5950	4870	4260	3970	3570
	W13	14.9	49.8	22.2	146.1	12	2.6	5150	3360	2760	2400	2240	2020
							136A8	38	11350	7410	6090	5290	4940

## 324 FarmPRO R-1/G-1W



324 FarmPRO has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces. Complete R-1 range offering is available in the 324 FarmPRO.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in	mm / in	mm / in	bar	psi	Static	10	20	30	40	50
									6	12	19	25	31
5-12	4JA	127	550	254	1609	4	2.3	520	340	300	260	224	180
		5	21.7	10	63.3	56A6	33	1150	750	660	570	490	400
5.00-12	4.00E	140	580	265	1620	4		-----UNDER DEVELOPMENT-----					
		5.5	22.8	10.4	63.8	84A6	47.86	1150	750	680	500	400	
6-12	5JA	155	600	281	1818	4	1.9	630	410	370	272	220	
		6.1	23.6	11.1	71.6	63A6	28	1390	900	820	600	490	
6.00-12	4.00E	165	635	285	1867	4		-----UNDER DEVELOPMENT-----					
		8	2.5	1040	680	610	450	360	-				
6-14	5JA	155	650	305.95	1938	4	1.9	690	450	410	300	240	
		6.1	25.59	12.0	76.29	66A6	28	1520	990	900	660	530	
7-14	5JA	183	690	318.5	2037	4	1.65	820	530	480	355	280	
		7.2	27.16	12.54	80.19	72A6	24	1810	1170	1060	780	620	
5.00-15	4.00E	140	655	302.3	1950	6	3.5	1290	840	760	560	450	-
				11.9	76.8	(88A6)	51	2840	1850	1670	1230	990	
6.00-16	4.5E	165	735	349	2172	8	4.5	1540	1010	900	670	540	-
		6.5	28.9	13.7	85.5	94A6	65	3400	2230	1980	1480	1190	-
6.50-16	4.5	175	760	354	2304	8	4.2	1730	1130	1010	750	600	
		6.9	29.9	13.9	90.7	98A6	61	3810	2490	2230	1650	1320	
7-16	6.00F	183	742	344	2204	4	1.65	890	580	520	387	310	-
		7.2	29.2	13.54	86.77	75A6	24	1960	1280	1150	850	680	-
8-16	6LB	201	790	361	2350	6	1.9	1410	920	830	615	490	
		7.91	31.1	14.21	92.51	91A6	28	3110	2030	1830	1350	1080	
7.50-18	5.50F	205	860	400	2624	8	3.7	2190	1430	1280	950	760	-
		8.1	33.9	15.7	103.3	106A6	54	4830	3150	2820	2090	1680	-
8.00-18	5.50F	211	841	390.3	2507	6	1.9	1540	1010	900	670	540	
		8.3	33.1	15.4	98.7	94A6	28	3390	2220	1980	1480	1190	
4.50-19	3.00D	120	736	340.65	2264	6	4.5	1120	730	660	487	390	-
		4.7	29	13.4	89.1	83A6	65	2470	1610	1460	1070	860	-
8.00-20	5.5F	220	965	438	2899	8	2.8	2510	1640	1470	1090	870	
		8.7	38	17.2	114.1	111A6	41	5530	3620	3240	2400	1920	
8.3-20	W7	211	893	423.6	2702	6	2.4	1630	1070	960	710	570	
		8.3	35.2	16.7	106.4	96A6	35	3590	2360	2120	1570	1260	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	6	10	12	19	25
9.5-20	W8	241 9.5	940 37	442 17.4	2845 112	6	2.1	1900	1240	1010	880	825	750
						101A8	30	4190	2730	2220	1940	1820	1650
						8	2.8	2240	1460	1200	1040	975	890
8.3-24	W7	211 8.3	993 39.1	475.2 18.7	3035 119.5	107A8	41	4930	3220	2640	2290	2150	1960
						8	3.1	2130	1390	1140	990	925	840
						105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8	241 9.5	41.3 1050	19.3 492.8	124.1 3189	6	2.1	2190	1330	1140	1020	950	860
						106A8	30	4820	2930	2510	2250	2090	1890
						8	2.8	2575	1680	1380	1200	1120	1020
11.2-24	W10	284 11.2	1105 43.5	519.5 20.5	3343 131.6	112A8	41	5675	3705	3040	2645	2470	2250
						8	2.4	2880	1880	1540	1340	1250	1140
						116A8	35	6340	4140	3390	2950	2750	2510
12.4-24	W11	315 12.4	1160 45.7	538.3 21.2	3482 137.1	123A8	52	7870	5140	4210	3660	3420	3110
						6	1.7	2790	1700	1460	1300	1215	1090
						115A8	25	6150	3740	3220	2860	2680	2400
12.4-24	W11	315 12.4	1160 45.7	542.75 21.4	3531 139.0	8	2.3	3340	2180	1780	1550	1450	1320
						121A8	33	7360	4800	3920	3410	3190	2910
						12	3.5	4260	2780	2280	1980	1850	1680
13.6-24	W12	345 13.6	1210 47.6	549 21.6	3584 141	129A8	51	9380	6120	5030	4360	4070	3700
						8	2	3565	2325	1905	1700	1550	1410
						123A8	29	7860	5125	4200	3745	3415	3105
13.6-24	W12	345 13.6	1210 47.6	562 22.1	3675 144.7	12	3	4370	2850	2340	2030	1900	1710
						130A8	44	9630	6280	5160	4480	4190	3770
						6	1.4	3570	2330	1660	1550		
14.9-24	W13	378 14.8	1265 49.8	584.6 23.0	3801 149.6	123A8	20.3	7860	5130	3660	3410		
						8	1.8	4140	2700	2210	1930	1800	1640
						128A8	26	9120	5950	4870	4250	3960	3610
14.9-24	W13	378 14.8	1265 49.8	585 23	3801 149.6	12	2.6	5150	3360	2760	2400	2240	2040
						136A8	38	11340	7400	6090	5290	4930	4500
						8	1.7	4740	3090	2530	2200	2060	1870
16.9-24	W15L	429 16.8	1333 52.5	598.95 23.6	3917 154.2	133A8	24	10440	6810	5570	4850	4540	4120
14.9-26	W13	378 14.9	1316 51.8	624.4 24.6	4060 159.8	12	2.7	4600	3000	2460	2140	2000	1820
						132A8	39	10140	6610	5420	4720	4410	4010
18.4-26	DW16A	467 18.4	1450 57.1	647.3 25.5	4370 172	12	2.3	-	4500	3690	3210	3000	-
						146A8	33	-	9921	8135	7077	6614	-
23.1-26	DW20	587 23.1	1600 63	719.5 28.3	4769 187.8	16	2.3	10060	6560	5380	4680	4375	3980
						159A8	33	22180	14460	11860	10320	9650	8770
11.2-28	W10	284 11.1	1205 47.4	369.5 14.5	3668 144.4	8	2.4	3040	1980	1620	1410	1320	1200
						118A8	34	6700	4360	3570	3110	2910	2640
12.4-28	W11	315 12.4	1260 49.6	583 23	3776 149	8	2.3	3570	2330	1910	1660	1550	1410
						123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12	345 13.5	1310 51.5	613.25 24.1	3956 155.7	8	2	3800	2480	2030	1770	1650	1500
						125A8	29	8370	5460	4470	3900	3630	3300
						12	3	4880	3180	-	2270	2120	-
14.9-28	W13 W12 W11	378 14.8	1367 53.8	625.1 24.6	3801 149.6	8	1.8	4370	2850	2340	2030	1900	1730
						130A8	26	9630	6280	5160	4480	4190	3810
						12	2.6	5430	3540	2900	2530	2360	2150
16.9-28	W15L	429 16.8	1435 56.4	629.55 24.8	4223 166.3	8	1.7	5010	3270	2680	2330	2180	1980
						135A8	24	11040	7200	5900	5130	4800	4360
						12	2.4	6270	4090	3350	2920	2725	2480
18.4-28	W16L	467 18.4	1501 59.1	680.65 26.8	4504 177.3	143A8	35	13820	9020	7390	6440	6010	5470
						8	1.4	4880	3180	2610	2270	2120	1910
						134A8	20	10760	7010	5750	5000	4670	4210
16.9-30	W15L	429 16.9	1485 58.5	673.7 26.5	4431 174.4	8	1.7	5290	3450	2830	2460	2300	2090
						137A8	25	11650	7600	6230	5420	5070	4610
						12	2.5	6440	4200	3440	3000	2800	2550
18.4-30	W16L	467 18.4	1550 61	681.8 26.8	4485 176.6	144A8	36	14200	9260	7580	6610	6170	5620
						8	1.4	5590	3650	2990	2600	2430	2190
						139A8	20	12310	8040	6590	5730	5350	4828
23.1-30	DW20B	587 23.1	1700 66.9	773.2 30.4	5083 200.1	10	1.8	6670	4350	3100	2900		
						145A8	26.1	14690	9580	6830	6390		
						12	2.3	7480	4880	-	3480	3250	2930
23.1-30	DW20B	587 23.1	1700 66.9	773.2 30.4	5083 200.1	149A8	33	16480	10750	-	7670	7160	6460
						14	2	9780	6380	-	4550	4250	3870
						158A8	29	21560	14070	11530	10030	9370	8530



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
16.9-34	W15L X 34	429	1587	715.05	4687	8	1.7	5590	3650	2990	2600	2430	-
		16.9	62.5	28.2	184.5	139A8	25	12310	8040	6590	5730	5350	-
18.4-34	W16L	467	1654	551.9	4813	8	1.4	6100	3980	3260	2840	2650	2410
		18.4	65.1	21.7	189.5	142A8	20	13440	8770	7180	6260	5840	5310
		1650	737.9	4882	10	1.8	6900	4500	3690	3210	3000	2730	
		65	29.3	192.2	146A8	26	15210	9920	8140	7080	6610	6020	
		1650	745	4882	12	2.2	7940	5180	4240	3690	3450	3140	
		65	29.3	192.2	151A8	32	17510	11420	9350	8140	7610	6920	
		1650	758.15	5034	14	2.5	8400	5480	4490	3910	3650	3320	
		65.0	29.8	198.2	153A8	36	18520	12080	9900	8620	8050	7320	
12.4-36	W11	315	1470	678	4186	8	2.4	3910	2550	2090	1820	1700	1550
		12.4	57.9	26.7	164.8	126A8	35	8620	5620	4610	4010	3750	3420
		687	4450	12	3.5	5010	3270	2680	2330	2180			
		27	175.2	135A8	51	11050	7210	5910	5140	4810			
13.6-36	W12	345	1515	712	4632	8	2	4260	2780	2280	1980	1850	1670
		13.6	59.6	28.0	182.4	129A8	29	9390	6130	5030	4370	4080	3680
12.4-38	W11	315	1514	714	4653	14	3.9	5010	3270	2680	2330	2180	1960
		12.4	59.6	28.11	183.189	135A8	57	11040	7200	5900	5130	4800	4320
13.6-38	W12	345	1565	751.7	4853	14	3.5	5430	3540	2900	2530	2360	
		13.6	61.61	29.6	191.1	138A8	51	11960	7800	6390	5570	5200	
15.5-38	W14L	394	1569	728.2	4567	8	1.8	4740	3090	2540	2200	2060	-
		15.5	61.8	28.7	179.8	133A8	26	10440	6810	5590	4850	4540	-
		12	2.75	5920	3860	3170	2760	2575	2320				
16.9-38	W15L	429	1685	779.6	4982	8	1.7	5920	3860	3170	2760	2575	-
		16.9	66.3	30.7	196.1	141A8	25	13040	8500	6980	6080	5670	-
		12	2.5	6900	4500	3690	3210	3000	-				
		146A8	36	15200	9910	8130	7070	6610					
18.4-38	W16L	467	1550	785.05	5184	8	1.4	6270	4090	3350	2920	2725	2480
		18.4	61.0	30.9	204.1	143A8	20	13810	9010	7380	6430	6000	5470
		1750	792	5170	12	2.1	8400	5480	4490	3910	3650	3320	
20.8-38	W18L	528	1840	849.4	5542	14	2.3	10060	6560	5380	4680	4375	3980
		20.8	72.4	33.4	218.2	159A8	33	22180	14460	11860	10320	9650	8770
9.5-42	W8	241	1505	727.8	4628	6	2.1	2510	1640	1340	1170	1090	990
		W9	9.5	59.3	28.7	182.2	111A8	30	5530	3620	2950	2580	2400

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index	Infl. Pressure bar /(psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs /(lbs)					
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
18.4-38	W16L	467	1750	795	5190	8	1.4	6270	4090	3350	2920	2725	2450
		18.4	68.9	31.3	204.3	143A8	20	13820	9020	7390	6440	6010	5400
16.9-38	W15L	430	1689	770	5007	8	1.7	5920	3860	3170	2760	2575	2320
		16.9	66.5	30.3	197.1	141A8	25	13050	8510	6990	6090	5680	5120
15.5-38	W14L	394	1569	737	4813	8	1.8	4740	3090	2530	2200	2060	1850
		15.5	61.8	29	189.5	133A8	26	10450	6810	5580	4850	4540	4080
14.9-28	W13	378	1365	640	4180	8	1.8	4370	2850	2340	2030	1900	1710
		W12 W11	14.9	53.7	25.2	164.6	130A8	26	9630	6280	5160	4480	4190
16.9-24	W15L	429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1850
		W14L	16.9	52.6	23.7	154.4	133A8	25	10450	6810	5580	4850	4540
18.4-34	W16L	467	1650	745	4882	8	1.4	6100	3980	3260	2840	2650	2390
		W15L	18.4	65	29.3	192.2	142A8	20	13450	8770	7190	6260	5840

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index	Infl. Pressure bar /(psi)	Recommended Load Capacity										
		SW	OD					Drive Wheel Application										
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	
12.4-24	11	315	1160	538	3482	6	1.7	2990	2070	1820	1630	1490	1350	1300	1250	1170	1110	
		12.4	45.7	21.2	137.1	115A8	25	6590	4560	4010	3590	3290	2980	2870	2760	2680	2580	2450
12.4-24	W11 W10, W10H	315	1160	544	3468	12	3.6	4550	3150	2780	2480	2280	2050	1980	1910	1850	1780	1680
		12.4	45.7	21.4	136.5	129A8	52	10030	6950	6130	5470	5030	4520	4370	4210	4080	3920	3700

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm	mm					Tractor application						
		in	in					10	15	20	25	30	35	40
		mm	mm	mm	mm	bar	10	15	20	25	30	35	40	
		in	in	in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
5.00-12	4.00E	140	580	265	1620	6	3.3	750	715	675	575	500	450	400
		5.5	22.8	10.4	63.8		48	1650	1580	1490	1270	1100	990	880
.8-18	5.5	211	1050	492.1	3128	8	2.8	1680	1500	1380	1240	1200	1150	1120
		8.3	41.3	19.4	123.1	112A8	41	3704	3307	3042	2734	2646	2535	2469
9.5-24	W8	241	1050	492.8	3189	8	2.8	1680	1500	1380	1240	1200	1150	1120
		9.5	41.3	19.4	125.6	112A8	41	3704	3307	3042	2734	2646	2535	2469
9.5-24	W8	241	1105	518	3305	8	2.4	2088	1875	1738	1600	1388	1300	1250
		9.5	43.5	20.4	130.1	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10	284	1105	520	3366	12	3.6	2325			1721	1659	1550	1411
		11.2	43.5	20.5	132.5	123A8	52	5130			3790	3660	3420	3110
11.2-24	W10, W9	284	841	390	2507	6	1.9	1119	1005	931	858	744	697	670
		11.2	33.1	15.4	98.7	94A6	28	2470	2220	2050	1890	1640	1540	1480
11.2-24	W10 W9	284	1105	518	3366	8	2.4	2088	1875	1738	1600	1388	1300	1250
		11.2	43.5	20.4	132.5	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10 W9, W10H	284	1105	520	3343	8	2.4	2088	1875	1738	1600	1388	1300	1250
		11.2	43.5	20.5	131.6	116A8	35	4600	4130	3830	3530	3060	2870	2760
11.2-24	W10, W9	284	43.5	20.4	131.8	116A8	35	4600	4130	3830	3530	3060	2870	2760
		11.2	1160	543	3512	8	2.3	2180			1780		1550	1450
		11.2	45.7	21.4	138.3	121A8	33	4810			3920		3420	3200
12.4-24	W11, W10	315	1160	535	3504	8	2.3	2180	1940	1780	1610	1550	1490	1450
		12.4	45.7	21.1	138	121A8	33	4810	4280	3920	3550	3420	3290	3200
12.4-24	11	315	1205	370	3668	8	2.4	2204	1980	1835	1690	1465	1373	1320
		12.4	47.4	14.6	144.4	118A8	35	4860	4370	4050	3730	3230	3030	2910
12.4-24	W11	315	1265	576.6	3800	12	2.6	3360	3002	2755	2486	2397	2307	2240
		12.4	49.8	22.7	149.6	136A8	38	7408	6618	6074	5481	5284	5086	4938
14.9-24	W13	378	1265	580.9	3824	12	2.6	3360	3002	2755	2486	2397	2307	2240
		14.9	49.8	22.9	150.6	136A8	38	7408	6618	6074	5481	5284	5086	4938
14.9-24	W13	378	1205	565	3683	8	2.4	1980	1769	1624	1465	1412	1360	1320
		14.9	47.4	22.2	145	118A8	35	4370	3900	3580	3230	3110	3000	2910
18.4-26	DW16A	467	1450	647	4370	12	2.3	4500	4020	3690	3330	3210	3090	3000
		18.4	57.1	25.5	172	146A8	33	9920	8860	8140	7340	7080	6810	6610
11.2-28	W10, W9	284	1310	609.1	3980.2	8	2	2756	2475	2294	2112	1832	1716	1650
		11.2	51.6	24	156.7	125A8	29	6076	5456	5057	4656	4039	3783	3638
13.6-28	W12	345	1310	613.3	3956	8	2	2756	2475	2294	2112	1832	1716	1650
		13.6	51.6	24.1	155.7	125A8	29	6076	5456	5057	4656	4039	3783	3638
13.6-28	W12	345	1367	625.1	3801	8	1.8	3173	2850	2641	2432	2109	1976	1900
		13.6	53.8	24.6	149.6	130A8	26	6995	6283	5822	5362	4650	4356	4189
14.9-28	W13	378	1365	625	4100	8	1.8	2850	2546	2337	2109	2033	-	1900
		14.9	53.7	24.6	161.4	130A8	26	6280	5610	5150	4650	4480	-	4190
14.9-28	W13	378	1365	643	4243	12	2.6	3540	3162	2903	-	2525	-	2360
		14.9	53.7	25.3	167	138A8	38	7800	6970	6400	-	5570	-	5200
14.9-28	W13	378	1435	629.5	4350	8	1.7	3641	3270	3030	2790	2420	2267	2180
		14.9				135A8	25	8027	7209	6680	6151	5335	4998	4806
16.9-28	W15L	429	1485	682.3	4460	12	2.5	4676	4200	3892	3584	3108	2912	2800
		16.9	58.5	26.9	175.6	144A8	36	10309	9259	8580	7901	6852	6420	6173
16.9-30	W15L	429	1485	681.9	4503	12	2.5	4676	4200	3892	3584	3108	2912	2800
		16.9	58.5	26.8	177.3	144A8	36	10309	9259	8580	7901	6852	6420	6173
16.9-30	W15L	430	1485	534.9	4462.9	8	1.7	3450	3080	2830	2550	2460	2370	2300
		16.9	58.5	21.1	175.7	137A8	25	7606	6790	6239	5622	5423	5225	5071
16.9-30	W15L	429	1485	673.7	4431	8	1.7	2756	2475	2294	2112	1832	1716	1650
		16.9	58.5	26.5	174.4	137A8	25	6076	5456	5057	4656	4039	3783	3638
16.9-30	W15L	429	1160	538	3482	6	1.7	1820	1630	1490	1350	1300	1250	1215
		16.9	45.7	21.2	137.1	115A8	25	4010	3590	3290	2980	2870	2760	2680
18.4-30	W16L	467	1550	694	4653	12	2.3	4880	4360	4120	3610	3480	3350	3250
		18.4	61.1	26.7	180.7	149A8	33	10760	9610	9080	7960	7670	7390	7170
18.4-30	W16L DW16L	467	1552	695	4878	10	1.6	4350	3886	3567	3219	3103	2987	2900
		18.4	61	27.3	183.2	145A8	23	9590	8570	7860	7100	6840	6590	6390
18.4-30	W16L	467	1552	678	4590	8	1.4	4058	3645	3378	3110	2697	2527	2430
		18.4	59.1	26.7	178.3	139A8	20	8950	8040	7450	6860	5950	5570	5360
18.4-30	W15L	467	1500	678	4530	8	1.4	4058	3645	3378	3110	2697	2527	2430
		18.4	59.1	26.7	178.3	139A8	20	8950	8040	7450	6860	5950	5570	5360

# 768 IRRIGATION

R-1



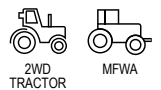
768 Irrigation has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs (lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
195/65-15	5.5	200	665	306	1987	8	3.2	-	-	-	-	650	-
		7.9	26.2	12	78.2		46	-	-	-	-	1430	-
11.2-24	W10	284	1105	503	3259	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.5	19.8	128.3	110A6	26	5370	3500	2860	2490	2330	2110
12.4-24	W11	315	1160	532.65	3461	4PR	1.1	2190	1430	1170	1020	950	860
		12.4	45.6	20.97	136.2	106A8	16	4820	3150	2580	2250	2090	1890
14.9-24	W13			562.5	3668	8	1.8	4140	2700	2210	1930	1800	1640
		378	1250	22.1	144.4	128A8	26	9120	5950	4870	4250	3960	3610
		14.9	49.2	574	3701	6	1.4	3130	2040	3690	1460	1360	2700
				22.6	145.7	119A8	20	6890	4490	8130	3220	3000	5950
11.2-38	W10			678	4390	6	1.8	2710	1770	1450	1260	1180	1070
		284	1459	26.7	172.8	114A8	26	5970	3900	3195	2775	2600	2360
		11.2	57.4			4	1.3	4050	2640	2160	1880	1760	1580
						106A8	19	8920	5810	4760	4140	3880	3480

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
		mm	mm					Tractor application					
		in	in					Static	10	20	25	30	40
				in	in		bar	kmph	kmph	kmph	kmph	kmph	kmph
				in	in		psi	kmph	kmph	kmph	kmph	kmph	kmph
11.2-24	W10	284	1105	503	3259	6	1.8	2440	1480	1270	1130	1060	950
	W9	11.2	43.5	19.8	128.3	110A6	26	5380	3260	2800	2490	2340	2090
11.2-24	W10	284	1105	503	3303	6	1.8	2440	1480	1270	1130	1060	950
	W9	11.2	43.5	19.8	130	110A6	26	5380	3260	2800	2490	2340	2090
14.9-24	W13	378	1250	562	3668	8	1.8	4140	2700	1998	1926	1800	1638
	W12	14.9	49.2	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610
14.9-24	W13	382	1248	562	3668	8	1.8	4140	2700	1998	1926	1800	1638
	W12	15	49.1	22.1	144.4	128A8	26	9130	5950	4410	4250	3970	3610
14.9-24	W13	378	1250	568	3760	6	1.4	3128	2040	1673	1510	1455	1360
	W12	14.9	49.2	22.4	148	119A8	20	6900	4500	3690	3330	3210	3000

# 337 DEEP LUG R-1W+



Multi angled tread pattern for on off road suitability. Stepped lugs help in improving traction. Superior tread compound and wide nose bar gives more life on the road. The tire features high NSD for improved traction. Shadow tie bar adds strength to the lugs.

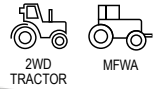


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm					Mixed application					
		in	in					Static	10 (1)(2) 6	20 16	25 19	30 25	40 25
5.00-12	3.00D	130	580	275	1757	4	2	590	390	350	300	257	210
		5.1	22.8	10.8	69.2	61A6	29	1300	860	770	660	570	460
6.00-12	4.00E	160	635	299	1985	6	2.6	920	600	540	460	400	320
		6.3	25	11.8	78.1	76A6	38	2030	1320	1190	1010	880	710
8.3-20	W6	206	890	426	2742	6	2.4	1630	1070	960	820	710	570
	W7	8.11	35.03	16.77	107.95	96A6	35	3590	2360	2110	1810	1560	1260
8.3-22	W7	206	940	449.5	2906	8	3.2	2070	1350	1350	1220	900	720
		8.1	37	17.7	114.4	104A6	46	4560	2980	2690	2290	1980	1590
9.5-20*						8		-----UNDER DEVELOPMENT-----					
9.5-22	W8	241	997	468.4	3079	8	2.9	2440	1590	1430	1220	1060	850
		9.5	39.2	18.44	121.22	110A6	42	5370	3500	3150	2690	2330	1870

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	Mixed application							
						Bar psi	Static kmph	10 (1)(2) 6	20 16	25 19	30 25	40 25	
12.4-24	W11	315	1160	549	3536	8	1	1980	1290	1060	920	860	690
		12.4	45.7	21.6	139.2	120A6	1.2	2210	1440	1180	1030	960	770
							2.3	3220	1960	1680	1500	1400	1260
14.9-24	W13	378	1265	578.3	3719	8	1.8	-	2700	2430	2070	1800	1440
		14.9	49.8	22.8	146.4	128A6	26	-	5950	5350	4560	3960	3170
8.3-24	W7	205	995	474	3077	8	3.1	2130	1390	1250	1060	925	740
		8.1	39.2	18.7	121.1	105A6	45	4700	3060	2760	2340	2040	1630
9.5-24	W8	241	1048	500	3249	8	2.8	2510	1640	1470	1250	1090	870
		9.5	41.25	19.7	127.91	111A6	41	5530	3610	3240	2750	2400	1920
11.2-24	W10	284	1103	520.2	3376	8	2.4	2880	1880	1690	1440	1250	1000
		11.2	43.42	20.48	133	116A6	35	6340	4140	3720	3170	2750	2200
13.6-24	W12	345	1210	565	3629	8	2	3570	2330	2090	1780	1550	1240
		13.6	47.6	22.24	142.9	123A6	29	7860	5130	4600	3920	3410	2730
11.2-26	W10	284	1155	546.5	3548	8	2.4	2960	1930	1730	1480	1285	1030
		11.2	45.5	21.52	140	117A6	35	6520	4250	3810	3260	2830	2270
12.4-26	W11	315	1210	568.8	3668	8	2.3	3340	2180	1960	1670	1450	1160
		12.4	47.6	22.39	144.4	121A6	33	7360	4800	4320	3680	3190	2560
13.6-26	W12	345	1260	588	3775	8	2.2	3910	2550	2300	1960	1700	1360
		13.6	49.6	23.15	148.6	126A6	32	8610	5620	5070	4320	3740	3000
16.9-30	W15L	429	1485	690	4394	8	1.7	5290	3450	3110	2650	2300	1840
		16.9	58.5	27.17	173	137A6	25	11650	7600	6850	5840	5070	4050
12.4-32	W10	315	1360	647	4223	8PR	2.3	3680	2400	2160	1840	1600	1280
		12.4	53.5	25.5	166.3	124A6	33	8110	5290	4760	4050	3520	2820
16.9-34	W15L	429	1585	730.40	4730	8	1.7	-	3650	3280	2790	2430	1940
		16.9	62.4	28.8	186.2	139A6	25	-	8040	7220	6150	5350	4270
12.4-36	W11	315	1465	699	4567	8	2.3	3910	2550	2300	1960	1700	1360
		12.4	57.7	27.52	179.8	126A6	33	8610	5620	5070	4320	3740	3000
18.4-38	W16L	467	1755	798.9	5121	8PR	1.4	6100	3710	3180	2840	2650	2050
		18.4	69.1	31.5	201.6	142A6	20	13450	8180	7010	6260	5840	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load								
		SW	OD					Speed								
		mm	mm	mm	mm	mm	mm	Tractor application								
		in	in	in	in	in	in	bar	Static kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph
8-18	W7	206	841	392	2556	6	1.9	1540	1140	940	870	800	720	670	640	600
		8.1	33.1	15.4	100.6	94A6	28	3400	2510	2070	1920	1760	1590	1480	1410	1320
9.5-18	W8	241	900	418	2762	8	2.8	1650			1095		1005	925		825
		9.5	35.4	16.5	108.7	105A6	41	3640			2410		2220	2040		1820
8-18	W7	206	841	389	2514	6	1.9	1540	1140	940	870	800	720	670	640	600
		8.1	33.1	15.3	99	94A6	28	3400	2510	2070	1920	1760	1590	1480	1410	1320
12.4-28	W11	315	1260	583.9	3782	8	2.3	3570	2640	2170	2020	1860	1660	1550	1470	1400
		12.4	49.6	23	148.9	123A6	33	7870	5820	4784	4453	4101	3660	3417	3241	3086
12.4-28	W11	312	1273	598	3936	12	3.3	3230	2660	2470	2280	2030	1900	1810	1700	4370
		12.3	50.1	23.5	155	130A6	48	7120	5860	5450	5030	4480	4190	3990	3750	9630
13.6-28	W12	345	1310	616	3974	8	1.8	6900	5100	4200	3900	3600	3210	3000	2850	2700
		13.6	51.6	24.3	156.5	125A6	26	15210	11240	9260	8600	7940	7080	6610	6280	5950
13.6-28	W12	345	1310	605	3902	8	2	3350	2810	2310	2150	1980	1770	1650		
		13.6	51.6	23.8	153.6	125A6	29	7390	6200	5090	4740	4370	3900	3640		
14.9-28	W13	374	1373	634	4099	12	2.6	4010	3300	3070	2830	2530	2360	2240	2120	5430
		14.7	54.1	25	161.4	138A6	38	8840	7280	6770	6240	5580	5200	4940	4670	11970
14.9-28	W13	378	1365	628	4037	8	1.8	4370	3230	2660	2470	2280	2030	1900	1810	1710
		14.9	53.7	24.7	158.9	130A6	26	9630	7120	5860	5450	5030	4480	4190	3990	3770
14.9-28	W13	378	1365	624	4069	8	1.8	4370	3230	2660	2470	2280	2030	1900	1810	1710
		14.9	53.7	24.7	158.9	130A6	26	9630	7120	5860	5450	5030	4480	4190	3990	3770
18.4-34	W16L	467	1655	747	4850	10	1.8	6900	5100	4200	3900	3600	3210	3000	2850	2700
		18.4	65.2	29.4	190.9	146A6	26	15210	11240	9260	8600	7940	7080	6610	6280	5950
16.9-38	W10	426	1690	776	5020	8	1.7	5920	4380	3610	3350	3090	2760	2575	2450	2320
		16.8	66.5	30.6	197.6	141A6A6	25	13050	9660	7960	7390	6810	6090	5680	5400	5120
16.9-38	W9	426	1690	776	5020	8	1.7	5920	4380	3610	3350	3090	2760	2575	2450	2320
		16.8	66.5	30.6	197.6	141A6A6	25	13050	9660	7960	7390	6810	6090	5680	5400	5120

# 340 R-1

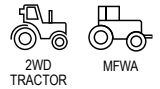


340 is designed for both on and off road applications. It provides superior traction during field operations and good comfort during on road applications. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity				
		SW	OD					Mixed application				
		mm / in	mm / in					Static	10kmph	20kmph	25kmph	30kmph
9.5-18	W8 W9	241	895	419.7	2686	6	2.2	1790	1090	940	830	780
		9.5	35.2	16.5	105.7	99A6	32	3950	2400	2070	1830	1720

# FarmPRO TD45 R-1



The Alliance FarmPRO TD 45 has a modern, curved 45 degree lug design for both smooth riding on the road, and excellent traction in all field conditions. Its special stepped surfaces between lugs facilitate cleaning in very muddy conditions. The wide nose bar provides extra life on hard surfaces / roads. The FarmPRO TD 45 has been reinforced with a wear resistant compound to give it long wear capabilities.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity						
		SW	OD					Mixed application						
		mm / in	mm / in					Static	10kmph	15kmph	20kmph	25kmph	30kmph	40kmph
180/95-14 (7-14)	6J	183	691	319.6	2083	6	2.5	1680	1100	-	990	840	730	580
		7.2	27.2	12.5	82	97A6/93A8	36	3700	2430	-	2180	1850	1610	1280
7-16	6LB	183	742	352	2257	6	2.5	1150	700	-	600	540	500	-
		7.2	29.2	13.9	89	84A6	36	2540	1540	-	1320	1190	1100	-
8-16	6LB	211	790	370	2390	6	1.9	1410	860	-	740	660	615	-
		8.3	31.1	14.6	94.1	91A6	28	3110	1900	-	1630	1460	1360	-
9.5-16	W8L	241	845	392	2525	6	2.1	1590	970	-	830	740	690	620
		9.5	33.3	15.4	99.4	95A6	30	3510	2140	-	1830	1630	1520	1370
13.6-24	W12	345	1210	549	3584	8	2	3565	2170	-	-	1660	1550	1400
		13.6	47.6	21.6	141.1	123A6 120A8	29	7860	4785	-	-	3660	3415	3085
16.9-24	W15	429	1335	601	3933	12	2.5	5750	3500	-	-	2675	2500	2240
		16.9	52.5	23.7	154.8	140A6 136A8	36	12675	7715	-	-	5895	5510	4935
14.9-28	W13	378	1367	627	4138	6	-	-	-	-	-	-	-	-
		14.9	53.8	24.7	162.9	-	-	-	-	-	-	-	-	-
16.9-30	W15	434.8	1490	671.3	4491	6	1.2	3910	2380	2210	2040	1820	1700	1530
		17.1	58.7	26.4	176.8	130A6 126A8	17	8620	5247	4872	4497	4012	3748	3373
18.4-38	W16	467	1750	795	5185	10	1.8	7475	4550	-	-	3475	3250	2900
		18.4	68.9	31.3	204.1	149 A6 145 A8	26	16480	10030	-	-	7660	7165	6395



The Alliance 304 is an R-1 tread drive wheel tire for application as Rear tractor tire. Its knife like lugs is designed for deeper penetration of the ground. The double angle design with a wide space between lugs ensures efficient self-cleaning properties in any kind of soil. The design, based on 45° angle bar with center studs, provides better resistance to side slippage and continuous rolling. The tire is recommended for hillside operations and for occasional short drives on-the-road. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
								Not high and sustained torque;						High Torque		
								Road transport			Low Torque			High Torque		
mm in	mm in	mm in	mm in	mm in	PR	Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6	
18.4-28	W16L	467	1500	672	4406	8	1.4	5430	3540	2900	2530	2360	2150	3300	2830	2530
	W15L	18.4	59.1	26.5	173.5	138A8	20	11970	7800	6390	5580	5200	4740	7280	6240	5580
13.6-36	W12	345	1515	703	4548	8	2.1	4490	2930	2400	2090	1950	1770	2730	2340	2090
	DW12	13.6	59.6	27.7	179.1	131A8	30	9900	6460	5290	4610	4300	3900	6020	5160	4610
12.4-38	W11	315	1515	718.05	4576	6	1.7	3450	2250	1850	1610	1500	1370	2100	1800	1610
	DW21A	12.4	59.6	28.3	180.2	122A8	25	7610	4960	4080	3550	3310	3020	4630	3970	3550
13.6-38	W12	345	1565	736.3	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090
	DW12A	13.6	61.6	29.0	185.4	131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610
14.9-38	W13 DW12	378	1615	748	4843	8	1.8	4360	3270	2660	2330	2180	1980	3050	2620	2330
	W12	14.9	63.6	29.4	190.7	135A8	26	9610	7210	5860	5140	4810	4370	6720	5780	5140

Size	Rim	Unloaded Dimension		Loaded Stat-ic radius	Rolling Circumfer-ence	Load Index	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
								Drive Wheel Application							
								Static	15	20	25	30	40	50	
mm in	mm in	mm in	mm in	PR Symbols	bar psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
14.9-38 (13-38)	W13 W12	378	1615	748	4914	12	2.6	5589	3256	2989	2697	2600	2430	2211	
	DW12A	14.9	63.6	29.4	193.5	139A8	38	12322	7178	6590	5946	5732	5357	4874	

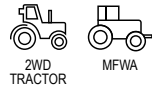
Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
								Tractor application							
								Static	10	20	30	40	50		
mm in	mm in	mm in	mm in	PR Symbols	bar psi	kmph	kmph	kmph	kmph	kmph	kmph				
12.4-38/11-38	W11	315	1515	718	4561	6	1.7	3450	2250	1845	1605	1500	1365		
	DW12A W12	12.4	59.6	28.3	179.6	122A8	25	7610	4960	4070	3540	3310	3010		
13.6-38/12-38	W12	345	1565	736	4691	8	2	4485	2925	2399	2087	1950	1775		
	DW12A W11	13.6	61.6	29	184.7	131A8	29	9890	6450	5290	4600	4300	3910		
13.6-38	W12, W11	345	1565	739.6	4739	8	2	4485	2925	2399	2087	1950	1775		
	DW10	13.6	61.6	29.1	186.6	131A8	29	9888	6449	5289	4601	4299	3913		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load								
		SW	OD					Speed								
								Field operation								
								Not high and sustained torque; Road transport						High Tor	Low Torque	
								Static	10	20	30	40	50	10	10	20
								bar	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph								
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	4PR	1.1	2190	1430	1170	1020	950	860	1020	1330	1140
						106A8	16	4830	3150	2580	2250	2090	1900	2250	2930	2510
						6PR	1.7	2790	1820	1490	1300	1215	1110	1300	1700	1460
						115A8	25	6150	4010	3290	2870	2680	2450	2870	3750	3220
						8PR	2.3	3340	2180	1780	1550	1450	1320	1550	2030	1740
						121A8	33	7360	4810	3920	3420	3200	2910	3420	4480	3840
14.9-24	W13 W12	378 14.9	1265 49.8	574 22.6	3745 147.4	4PR	0.9	1200	1570	1340	2580	1680	1380	1200	1120	1020
						112A8	13	2650	3460	2950	5690	3700	3040	2650	2470	2250
						6PR	1.4	1660	2170	1860	3570	2330	1910	1660	1550	1410
						123A8	20	3660	4780	4100	7870	5140	4210	3660	3420	3110
						8PR	1.8	1930	2520	2160	4140	2700	2210	1930	1800	1640
						128A8	26	4260	5560	4760	9130	5950	4870	4260	3970	3620



16.9-24	W15L W15A W14L W14A	429 16.9	1335 52.6	601 23.7	3933 154.8	6PR	1.3	4030	2630	2150	1870	1750	1590	1870	2450	2100
						127A8	19	4120	5400	4630	8890	5800	4740	4120	3860	3510
						8PR	1.7	4740	3090	2530	2200	2060	1870	2200	2880	2470
						133A8	25	4850	6350	5450	10450	6810	5580	4850	4540	4120
11.2-28	W10 W10H W9	284 11.2	1205 47.4	560 22	3621 142.6	4PR	1.2	2010	1310	1080	940	875	800	940	1230	1050
						103A8	17	4430	2890	2380	2070	1930	1760	2070	2710	2320
						6PR	1.8	2580	1680	1380	1200	1120	1020	1200	1570	1340
						112A8		5690	3700	3040	2650	2470	2250	2650	3460	2950
12.4-28	W11 W10 W10H	315	1260	583	3776	4PR	1.1	1100	1440	1240	2370	1550	1270	1100	1030	940
						109A8	16	2430	3180	2730	5230	3420	2800	2430	2270	2070
						6PR	1.7	1370	1800	1540	2960	1930	1580	1370	1285	1170
						117A8	25	3020	3970	3400	6530	4260	3480	3020	2830	2580
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3885 153	4PR	1	1200	1570	1340	2580	1680	1380	1200	1120	1020
						112A8	15	2650	3460	2950	5690	3700	3040	2650	2470	2250
						6PR	1.6	1550	2030	1740	3340	2180	1780	1550	1450	1320
						121A8		3420	4480	3840	7360	4810	3920	3420	3200	2910
						8PR	2	1770	2310	1980	3800	2480	2030	1770	1650	1500
14.9-28	W13 W12	378 14.9	1365 53.7	618 24.3	4036 158.9	125A8	1.4	1770	2310	1980	3800	2480	2030	1770	1650	1500
						8PR	1.8	2030	2660	2280	4370	2850	2340	2030	1900	1730
						130A8	26	4480	5860	5030	9630	6280	5160	4480	4190	3810
						6PR	1.4	1770	2310	1980	3800	2480	2030	1770	1650	1500

## TRACPRO EX R-1



TracPRO Ex has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load Speed						
		SW	OD					PR	bar	Mixed application				
										Static	10(1) (2) 6	20 16	25 19	30 25
mm	mm	mm	mm	mm	mm	psi	kmph	kmph	kmph	kmph	kmph	kmph		
13.6-28	W12	345	1310	624	4111	12PR	2.3	4140	2700	2430	2070	1800	1440	
		13.58	51.57	24.56	161.85	128A6	33	9120	5950	5350	4560	3960	3170	
14.9-28	W13	378	1365	644.6	4142	12PR	2.3	4880	3180	2860	2440	2120	1700	
		14.88	53.74	25.37	163.07	134A6	33	10750	7000	6300	5370	4670	3740	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure	Recommended Load Speed						
		SW	OD					PR	bar	Mixed application				
										Static	10(1) (2) 6	20 16	25 19	30 25
mm	mm	mm	mm	mm	mm	psi	kmph	kmph	kmph	kmph	kmph	kmph		
16.9-30	W15L	429	1485	690	4483	12PR	2.4	6440	4200	3780	3220	2800	2240	
		16.88	58.5	27.16	176.5	144A6	35	14190	9250	8330	7090	6170	4930	
18.4-30	W16L	465	1550	719.5	4687	14PR	2.6	7940	5180	4660	3970	3450	2760	
		18.3	61.02	28.3	184.5	151A6	38	17490	11410	10260	8740	7600	6080	

# HAULPRO-ML R-1



Haul Pro is specially designed for heavy duty tractor applications. The 21 degree multi angled lug design with aggressive shoulders ensure excellent traction on the field and a comfortable ride on road. Robust construction with special tread compound provides protection against damages ensuring long tire life and reduced downtime. Superior durability, low soil compaction and high speed capabilities make Haul Pro ML the perfect choice for heavy duty field & haulage applications.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Mixed application					
mm	mm	mm	mm	mm	mm	bar	Static	10 6	20 12	25 16	30 19	40 25	
16.9-30	W15Lx30	429	1485	687.5	4469	12PR	2.4	6640	4200	3780	3220	2800	2240
		16.9	58.5	27.1	175.9	144A6	35	14639	9259	8333	7099	6173	4938

# 768 VALUE PLUS R-1



Alliance 768 Value Plus is specially designed to meet the unique demands of pivot irrigation. Built with strong nylon carcass construction which enhances its ability to carry continuous heavy loads. Designed with low lug angles and rounded shoulders for optimal traction and maximum crop protection. The presence of special ozone compound protects it from cracking ensuring excellent durability.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs / (lbs)					
								mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
11.2-24	W10	280	1100	493.3	3250	6	1.8	2440	1590	1300	1130	1060	960
		11.0	43.3	19.4	128	110A8	26	5380	3510	2870	2490	2340	2120
14.9-24	W13	375	1260	562.75	3668	6	1.4	3130	2040	1670	1460	1360	1220
		14.8	49.6	22.2	144.4	119A8	20	6900	4500	3680	3220	3000	2690
11.2-38	W10	284	1455	681.2	4344	6	1.8	2710	1770	1450	1260	1180	1070
		11.2	57.3	26.8	171	114A8	26	5980	3900	3200	2780	2600	2360



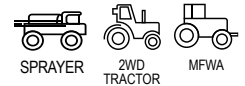
**ROW CROP**

# 354 AGRIFLEX+

R-1W

SB

STEEL BELTED



The advanced 354 Agriflex+ Very Improved Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. 354 Agriflex+ gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)															
		SW	OD					Speed, km/h (mph)					Cyclic*										
								Not high and sustained torque; Road transport					Press.	Load									
		mm in	mm in					10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6									
VF380/85R30	DW13	394	1412	625	4163	146D	1.6	3210	3000	3000	3000	2730	2	4650									
	DW12	15.5	55.6	24.6	163.9		23	7080	6610	6610	6610	6020	29	10250									
VF420/90R30	DW13	450	1518	669	4486	153D	1.6	3910	3650	3650	3650	3320	2	5660									
	DW15	17.7	59.8	26.3	176.6		23	8620	8050	8050	8050	7320	29	12480									
VF320/85R32	W11	319	1357	615	4017	139D	1.6	2600	2430	2430	2430	2210	2	3400									
	W10	12.6	53.4	24.2	158.1		23	5730	5360	5360	5360	4870	29	7500									
VF320/85R34	W11	325	1415	643	4217	143D	2	2920	2725	2725	2725	2480	2.5	3820									
	W10	12.8	55.7	25.3	166		29	6440	6010	6010	6010	5470	36	8420									
VF380/85R34	DW13	395	1524	679	4503	149D	1.6	3480	3250	3250	3250	2960	2	5040									
	DW12	15.6	60	26.7	177.3		23	7670	7170	7170	7170	6530	29	11110									
VF420/85R34	DW14L	417	1575	703	4662	159D	2.4	4690	4375	4375	4375	3980	3	6130									
	DW15L	16.4	62	27.7	183.5		35	10330	9640	9640	9640	8770	44	13500									
VF480/70R34	DW16L	495	1580	714	4719	160D	2.4	4820	4500	4500	4500	4100	3	6980									
		19.5	62.2	28.1	185.8		35	10630	9920	9920	9920	9040	44	15390									
VF320/80R38	W11	319	1505	694	4524	155D	3.6	4150	3875	3875	3875	3530	4.4	5430									
	W10	12.6	59.3	27.3	178.1		52	9150	8540	8540	8540	7780	64	11970									
VF380/80R38	DW13	398	1595	725	4710	154D	2.4	4020	3750	3750	3750	3410	3	5810									
	DW12	15.7	62.8	28.5	185.4		35	8850	8260	8260	8260	7510	44	12800									
320/85R38	W11	319	1505	694	4524	155D	3.6	4150	3875	3875	3875	3530	4.4	5430									
	W12	12.6	59.3	27.3	178.1		52	9140	8540	8540	8540	7780	64	11960									
VF380/95R38	DW13	390	1687	759	4997	159D	2.4	4690	4375	4375	4375	3980	3	6130									
	DW12	15.4	66.4	29.9	196.7		29	10340	9650	9650	9650	8770	44	13510									
VF480/80R42	DW16	489	1848	826	5490	162D	1.6	5090	4750	4750	4750	4320	2	7360									
	DW15	19.3	72.8	32.5	216.1		23	11220	10470	10470	10470	9520	29	16230									
VF320/90R46	DW10	315	1745	809	5290	160D	3.6	4820	4500	4500	4500	4100	4.4	6980									
	DW11	12.4	68.7	31.9	208.3		52	10620	9910	9910	9910	9030	64	15370									
VF320/105R46	DW11, DW10	325	1840	850	5583	172D	4.8	6750	6300	6300	6300	5730	5.6	9770									
	DW12, W11	12.8	72.4	33.5	219.8										70	14870	13880	13880	13880	12620	81	21520	
VF380/90R46	DW13	391	1854	861	5549	173D	4.4	8130	6500	6500	6500	5920	5.2	10080									
	DW12	15.4	73	33.9	218.5		64	17910	14320	14320	14320	13040	75	22200									
VF420/80R46	W13	418	1840	833.1	5518	172D	4	6930	6615	6552	6489	5733	4.8	8820									
		16.5	72.4	32.8	217.2										58	15280	14580	14450	13890	12640	70	19450	
VF480/80R46	DW16	489	1948	876	5806	164D	1.6	5360	5000	5000	5000	4550	2	7750									
	DW15	19.3	76.7	34.5	228.6		23	11820	11020	11020	11020	10030	29	17090									
VF520/85R46	DW18	530	2052	916	6026	170D	1.6	6430	6000	6000	6000	5460	2	9300									
	DW16	20.9	80.8	36.1	237.2		23	14160	13220	13220	13220	12030	29	20480									
VF340/85R48	W12	343	1808	841	5489	164D	4	5360	5000	5000	5000	4550	4.8	7000									
	W11	13.5	71.2	33.1	216.1		58	11810	11010	11010	11010	10020	70	15420									
VF320/90R50	W11	319	1848	864	5620	166D	4.4	5680	5300	5300	5300	4820	5.2	8220									
	W10, W12	12.6	72.8	34	221.3		64	12510	11670	11670	11670	10620	75	18110									
VF320/105R50	DW11	323	1938	894	5836	158D	2.4	4550	4250	4250	4250	3870	3	5950									
	DW10, DW12	12.7	76.3	35.2	229.8		35	10020	9360	9360	9360	8520	44	13110									
VF380/90R50	DW13	385	1956	901	5880	175D	4.4	7390	6900	6900	6900	6280	5.2	9660									
	DW12	15.2	77	35.5	231.5		64	16290	15210	15210	15210	13850	75	21300									
VF380/105R50	DW13	397	2052	940	6176	179D	4.4	8300	7750	7750	7750	7050	5.2	10850									
	DW12	15.6	80.8	37	243.1		64	18280	17070	17070	17070	15530	75	23900									
VF480/80R50	DW16	479	2050	936	6114	171D	2.4	6590	6150	6150	6150	-	3	9530									
															179D	35	14520	13550	13550	13550	-	44	20990
																3.6	8300	7750	7750	7750	7050	4.4	12010
																	52	18280	17070	17070	17070	15530	64
VF420/95R50	DW14, DW13	425	2052	932	6131	177D	3.6	9130	8150	7480	7300	6640	4.4	11320									
	W14, W13	16.7	80.8	36.7	241.4		52	20110	17950	16480	16080	14630	64	24930									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)								Cyclic*					
		Not high and sustained torque; Road transport								Press.		Load			
		SW	OD	10	15	20	25 up to 65 km/h 15 up to 40 mph	70	bar psi	10	6				
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	9	12	44	bar psi	6			
VF480/95R50	DW16	485	2187	984	6550	176D	2.4	7610	7100	7100	7100	6460	3	11010	
	DW15	19.1	86.1	38.7	257.9		35	16760	15640	15640	15640	14230	44	24250	
VF230/115R54	W8	257	1947	912	5931	151D	3.2	3700	3450	3450	3450	3140	4	4830	
		10.1	76.7	35.9	233.5		46	8150	7600	7600	7600	6920	58	10640	
VF270/105R54	W10	285	1946	910	5930	160D	4	4820	4500	4500	4500	4100	4.8	6300	
		11.2	76.6	35.8	233.5		58	10630	9920	9920	9920	9040	70	13890	
VF320/105R54	DW11	325	2040	950	6214	172D	4.4	6750	6300	6300	6300	5730	5.2	8820	
	DW10	12.8	80.3	37.4	244.6		64	14870	13880	13880	13880	12620	75	19430	
	DW12														
VF320/90R54	DW11 DW10	320	1950	911	5944	168D	4.4	6000	5600	5600	5600	5100	5.2	7840	
	DW12	12.6	76.8	35.9	234		64	13230	12350	12350	12350	11240	75	17280	
VF380/90R54	DW13	383	2050	951	6199	176D	4.4	7610	7100	7100	7100	6460	5.2	9940	
	DW12	15.1	80.7	37.4	244.1		64	16780	15650	15650	15650	14240	75	21910	
VF380/105R54*							183D	-----UNDER DEVELOPMENT-----							

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press	Recommend load, kg (lbs)																				
		Speed, km/h (mph)														Cyclic Operation												
		Not high and sustained torque; Road transport														Infl.		10										
		SW	OD	10	15	20	25	30	35	40	45	50	55	60	65	70	press	kmph										
mm	mm	mm	mm	mm	mm	bar	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph											
VF320/80R42	W11	320	1580	739.1	4786	155D	3.6	4263	4069	4030	3991	3953	3914	3875	3875	3875	3875	3875	3875	3875	3875	3875	3526	4.4	5425			
		12.6	62.2	29.1	188.4		52	9400	8970	8890	8800	8720	8630	8540	8540	8540	8540	8540	8540	8540	8540	8540	8540	8540	7770	64	11960	
VF420/95R34	W14L	419	1662	731.2	4927	157D	1.6	4331	4290	4249	4208	4166	4125	4125	4125	4125	4125	4125	4125	4125	4125	4125	4125	4125	4125	3754	2.4	5775
		16.5	65.4	28.8	194		23	9548	9458	9367	9277	9184	9094	9094	9094	9094	9094	9094	9094	9094	9094	9094	9094	9094	9094	8276	35	12732

# 363 AGRIFLEX+

R-1

SB

STEEL BELTED



363 Agriflex+ Very Improved Flexion (VF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Large number of blocks and high rubber to void tread ratio, ensures long tread life, comfort and low rolling resistance during transport operation on hard surfaces. Large tire footprint area provides high traction, reduces fuel costs and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)					Cyclic*	
								Not high and sustained torque; Road transport				Cyclic*		
		mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	
VF270/95R32	W9	284	1330	609	3968	138D	2.4	2530	2360	2360	2360	2150	3	3304
	W10	11.2	52.4	24	156.2		35	5580	5200	5200	5200	4740	44	7280
VF270/95R36	W9	276	1424	660	4287	140D	2.4	2680	2500	2500	2500	2280	3	3500
	W10	10.9	56.1	26	168.8		35	5910	5510	5510	5510	5030	44	7720
380/80R38	DW12	380	1590	721	4788	154D	2.4	4020	3750	3750	3750	3410	3	5250
		14.96	62.6	28.39	188.5		35	8863	8267	8267	8267	7518	44	11574
VF270/95R38	W9	278	1476	681	4432	141D	2.4	2760	2575	2575	2575	2340	3	3605
	W10	10.9	58.1	26.8	174.5		35	6090	5680	5680	5680	5160	44	7950
VF320/90R46	DW10, DW11	308	1748	808	5333	155D	2.8	4150	3875	3875	3875	3530	3.5	5430
	DW12	12.1	68.8	31.8	210		41	9140	8540	8540	8540	7780	51	11960
VF380/90R46	DW13	389	1842	848	5548	173D	4.4	8130	7260	6660	6500	5920	5.2	10075
	DW12, W12, W13	15.3	72.5	33.4	218.4		64	17910	15990	14670	14320	13040	75	22190
VF230/95R48	W8	232	1660	784	5058	146D	3.6	3210	3000	3000	3000	2730	4.4	4650
	W9	9.1	65.4	30.9	199.1		52	7070	6610	6610	6610	6010	64	10240
VF270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	3875	3530	4.8	6010
	DW9, W10	10.8	68.2	32.1	209.8		58	9140	8540	8540	8540	7780	70	13240
VF320/90R50	DW11	330	1846	862	5617	166D	4.4	5680	5300	5300	5300	4820	5.2	7420
	DW10	13	72.7	33.9	221.1		64	12510	11670	11670	11670	10620	75	16340
VF480/80R50	DW16L	475	2038	919	6103	169D	2	6210	5800	5800	5800	5280	2.5	8120
	DW15L	18.7	80.2	36.2	240.3		29	13680	12780	12780	12780	11630	36	17890
VF270/95R54	DW10	287	1894	894	5763	156D	3.6	4290	4000	4000	4000	3640	4.4	6200
	DW9	11.3	74.6	35.2	226.9		52	9450	8810	8810	8810	8020	64	13660

Size	Rim	Unloaded Dimension		Load- ed Static radius	RC	Load Index PR Symbols	Infl. press	Recommended Load												
		SW	OD					Speed												
								Tractor Application												
		mm	mm	mm	mm	bar	10	15	20	25	30	35	40	45	50	55	60	65	70	
VF380/105R50	W13	400	2050	945.5	6206	179D	4.4	8525	8138	8060	7983	7905	7828	7750	7750	7750	7750	7750	7750	7750
		15.7	80.7	37.2	244.3		64	18790	17940	17770	17600	17430	17260	17090	17090	17090	17090	17090	17090	17090

Row Crop

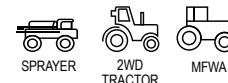


# 354 AGRIFLEX

R-1W

SB

STEEL BELTED



The advanced 354 Agriflex Improved Flexion (IF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry more load (up to 20%) at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. 354 Agriflex gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



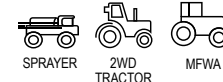
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW OD						Not high and sustained torque; Road transport	Speed, km/h (mph)				Cyclic*		
		mm in	mm in	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph		25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6			
IF420/85R34	W14L	417	1575	709	4681	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	W15L	16.4	62	27.9	184.3		35	10330	9230	8460	—	8260	7510	44	12800
IF380/80R38	DW13	398	1595	728	4706	149D	2.4	4060	3630	3330	—	3250	2960	3	5038
	DW12	15.7	62.8	28.7	185.3		35	8940	8000	7330	—	7160	6520	44	11100
IF380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	—	3750	3410	3	5813
	DW12	15.4	66.4	30.2	197.5		35	10330	9230	8460	—	8260	7510	44	12800
IF320/105R46	DW11	345	1840	857	5553	166D	4.8	6630	5920	5430	—	5300	4820	5.6	8215
	DW10														
	DW12	13.6	72.4	33.7	218.6	70	14600	13040	11960	—	11670	10620	81	18090	
	W11														
W12															
IF320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	—	3875	3530	4.4	6006
	DW11	12.6	68.7	32	208		52	10660	9540	8740	—	8540	7780	64	13230
IF380/90R46	DW13	391	1854	861	5585	168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680
	DW12	15.4	73	33.9	219.9	173D	5.2	8130	7260	6660	—	6500	5920	6	10075
IF520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW16	20.9	80.8	36.1	236.7		23	14190	12670	11630	—	11340	10330	29	17580
IF340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	—	4375	3980	4.8	6781
		13.5	71.2	33.5	215.7		58	12050	10770	9870	—	9640	8770	70	14940
IF320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	—	4625	4210	5.2	7169
	W10	12.6	72.7	34.3	222.2		64	12730	11370	10440	—	10190	9270	75	15790
IF320/105R50	DW11	323	1938	909	5830	152D	2.4	4440	3960	3640	—	3550	3230	3	5503
	DW12	12.7	76.3	35.8	229.5		35	9780	8720	8020	—	7820	7110	44	12120
IF380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	—	6000	5460	5.2	9300
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	—	13220	12030	75	20480
IF380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	—	7300	6640	5.6	11315
	DW12	15.7	80.8	37.3	243.6		70	20110	17950	16480	—	16080	14630	81	24920
IF480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	—	11670	10620	44	18090
IF480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	—	5150	4690	2	7983
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	—	11340	10330	29	17580
IF230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	—	2900	2640	4	4495
		10.1	76.7	36.3	233.9		46	8000	7140	6540	—	6390	5810	58	9900
IF270/105R54	W10	280	1946	917	5949	158D	4.4	5310	4750	4360	—	4250	3870	5.2	6588
		11	76.6	36.1	234.2		64	11700	10460	9600	—	9360	8520	75	14510
IF320/90R54	DW11	322	1950	922	5972	162D	4.4	5940	5300	4870	—	4750	4320	5.2	7363
	DW12	12.7	76.8	36.3	235.1		64	13080	11670	10730	—	10460	9520	75	16220
IF320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	—	5450	4960	5.2	8448
	DW12	13	80.3	37.8	245.3		64	15000	13410	12310	—	12000	10930	75	18610
IF380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	—	6150	5600	5.2	9533
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	—	13550	12330	75	21000
IF380/105R54	DW13	395	2163	1001	6532	180D	5.2	10000	8930	8200	—	8000	7280	6	12400
	DW12	15.6	85.2	39.4	257.2		75	22050	19690	18080	—	17640	16050	87	27340

# 363 AGRIFLEX

R-1

SB

STEEL BELTED



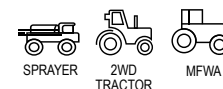
363 Agriflex Improved Flexion (IF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The IFtire construction enables working with higher tire deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tire footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)																
		SW	OD					Speed, km/h (mph)																
								Not high and sustained torque; Road transport						Cyclic*										
														Press.	Load									
mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6												
IF320/90R46	DW10	308	1748	821	5324	155D	3.6	4840	4330	3970	3875	3530	4.4	6006										
	DW11	12.1	68.8	32.3	209.6										52	10660	9540	8740	8540	7780	64	13230		
	DW12																							
IF380/90R46	DW13	389	1842	853	5592	168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680									
	DW12	15.3	72.5	33.6	220.2											64	15420	13770	12640	—	12330	11230	75	19120
	W12																							
IF480/80R50	DW16	480	2038	940	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215									
		18.9	80.2	37	242.3											35	14600	13040	11960	—	11670	10620	44	18090

# 350

R-1



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport						Cyclic operation			
								Non cyclic operation						Cyclic operation			
mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
230/95R28 (9.5R28)	W8	241	1140	530	3418	109A8	1.6	1100	1140	1030	940				2	1750	1600
	W7	9.5	61	28.7	187.8	106B	23	2420	2510	2270	2070				29	3850	3520
210/95R32 (8.3R32)	W7	211	1190	553	3668	103D	2.4	1010	1040	960	920	875	800	3	1490	1360	
						114A2	35	2220	2290	2110	2030	1930	1760	44	3280	3000	
						116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940	
230/95R32 (9.5R32)	W8	241	1245	582	3796	119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270	
						128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790	
						131A8	52	4564	4696	4343	4167	3968	3616	65	6746	6151	
270/95R32 (11.2R32)	W7	284	1300	601	3946	115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880	
						126A2	35	3086	3175	2932	2822	2679	2447	44	4564	4145	
						132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100	
320/85R34 (12.4R34)	W11	329	1408	652	4239	135A8	52	5071	5225	4828	4630	4409	4012	65	7496	6834	
						121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250	
						132A2	35	3682	3792	3505	3351	3197	2910	44	5445	4960	
210/95R36 (8.3R36)	W6	211	1290	607	3970	141A8	3.6	2760	3450	2860	2760	2575	2340	4.5	4380	3990	
						118D	3.6	1520	1560	1450	1390	1320	1200	4.5	2240	2050	
						121A8	52	3351	3439	3197	3064	2910	2646	65	4938	4519	
210/95R36 (8.3R36)	W6	8.3	50.8	23.9	156.3	105D	2.4	1060	1100	1010	970	925	840	3	1570	1430	
						116A2	35	2337	2425	2227	2138	2039	1852	44	3461	3153	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								1) Not high and sustained torque; 2) Road transport								
								Non cyclic operation					Cyclic operation			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
230/95R36 (9.5R36)	W8 W7	241 9.5	1345 53	625 24.6	4140 163	130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950
						133A8	52	4828	4960	4586	4409	4189	3814	65	7121	6504
						117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990
						128A2	35	3263	3351	3109	2976	2833	2579	44	4806	4387
270/95R36 (11.2R36)	W10 W9 W8	284 11.2	1410 55.5	654 25.7	4327 170.4	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
						139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
270/95R38 (11.2R38)	W10 W9 W8	284 11.2	1456 57.3	680 26.8	4480 176.4	137D	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570
						140A8	52	5842	6019	5556	5335	5071	4608	65	8620	7870
						124D	2.4	1840	1900	1750	1680	1600	1460	3	2720	2480
						135A2	35	4057	4189	3858	3704	3527	3219	44	5997	5467
230/95R40 (9.5R40)	W7 W8	241 9.48	1460 57.48	686 27	4471 176.02	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
						135A8	52	5070	5220	4820	4630	4410	4010	65	7490	6830
230/95R42 (9.5R42)	W7 W8	228 9	1505 59.3	712 28	4537 178.6	133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190
						136A8	59	5220	5370	4980	4760	4540	4120	74	7710	7030
270/95R42 (11.2R42)	W10 W9 W8	284 11.2	1565 61.6	736 29	4770 187.8	139D	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770
						142A8	52	6151	6349	5864	5622	5357	4872	65	9105	8311
						126D	2.4	1960	2010	1860	1790	1700	1550	3	2890	2640
						137A2	35	4321	4431	4101	3946	3748	3417	44	6371	5820
210/95R44 (8.3R44)	W7 W6	211 8.3	1495 58.9	708 27.9	4641 182.7	126D	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640
						129A8	52	4321	4431	4101	3946	3748	3417	65	6371	5820
						113D	2.4	1320	1360	1260	1210	1150	1050	3	1960	1780
						124A2	35	2910	2998	2778	2668	2535	2315	44	4321	3924
230/95R44 (9.5R44)	W8 W7	241 9.5	1550 61	730 28.7	4810 189.4	121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
						124A8	35	3682	3792	3505	3351	3197	2910	44	5445	4960
						134D	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290
270/95R44 (11.2R44)	W10 W9 W8	284 11.2	1605 63.2	752 29.6	4875 191.9	137A8	52	5379	5534	5115	4916	4674	4255	65	7937	7253
						140D	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880
						143A8	52	6349	6526	6041	5798	5512	5027	65	9370	8554
						127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710
						138A2	35	4431	4564	4233	4057	3858	3505	44	6570	5975
						142D	4	3050	3140	2900	2780	2650	2410	5	4510	4110
270/95R46 (11.2R46)	W10 W9 W8	284 11.2	1665 65.6	774 30.5	5121 201.6	145A8	58	6724	6923	6393	6129	5842	5313	73	9943	9061
						141D	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990
						144A8	52	6526	6724	6217	5952	5677	5159	65	9656	8796
						128D	2.4	2070	2130	1970	1890	1800	1640	3	3060	2790
300/95R46 (12.4R46) (320/90R46)	W11 W10 W9	315 12.4	1727 68	807 31.8	5294 208.4	139A2	35	4564	4696	4343	4167	3968	3616	44	6746	6151
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
						132D	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100
340/85R46 (13.4R46)	W12 W11	340 13.4	1760 69.3	824 32.4	5437 214.1	143A2	35	5071	5225	4828	4630	4409	4012	44	7496	6834
						150D	3.6	3850	3970	3670	3520	3350	—	4.5	5700	5190
						153A8	52	8480	8740	8080	7750	7380	—	65	12560	11430
380/105R46	W12 W13 W11	394 15.5	1950 76.8	898 35.4	5916 232.9	158D	3	4890	5040	4650	4460	4250	3870	3.8	7230	6590
						44	10781	11111	10251	9833	9370	8532	55	15939	14528	
380/90R46	W13 W12	380 15	1824 71.8	864.5 34	5633 221.8	172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770
						175A8	84	15980	16470	15210	14600	13890	12630	106	23610	21540
380/90R46 (14.9R46)	W13 W12 W11	378 14.9	1824 71.8	851 33.5	5503 216.7	142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110
						145A8	30	6724	6923	6393	6129	5842	5313	38	9943	9061
						149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040
						152A8	35	8245	8488	7848	7518	7165	6526	44	12192	11111
						159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780
						162A8	58	11089	11420	10560	10119	9645	8774	73	16402	14947
						172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770
175A8	84	15983	16469	15212	14595	13889	12632	106	23611	21539						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					mm in	mm in	Speed, km/h (mph)						
				1) Not high and sustained torque; 2) Road transport												
				Non cyclic operation						Cyclic operation						
mm in	mm in	mm in	mm in	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9					
230/95R48 (9.5R48)	W8 W7	241 9.5	1650 65	787 31	5119 201.5	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
						139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
270/95R48 (11.2R48)	W10 W9 W8	284 11.2	1710 67.3	811 31.9	5221 205.5	129D	35	4690	4820	4470	4270	4070	—	44	6940	6320
						142D	3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110
						145A8	52	6720	6920	6390	6120	5840	—	65	9930	9050
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
340/85R48 (13.6R48)	W12 W11	345 13.6	1805 71.1	854 33.6	5620 221.3	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350
						154A8	61	8752	9017	8333	7981	7606	6923	77	12941	11795
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200
320/90R50 (12.4R50)	W11 W10 W9	325 12.8	1867 73.5	878 34.6	5684 223.8	150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190
						153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430
380/105R50	W12 W11	405 15.9	2050 80.7	955 37.6	6214 244.6	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680
						171A8	64	14198	14639	13514	12963	12346	11244	80	20988	19136
380/90R50 (14.9R50)	W12 W11 W12L	384 15.1	1950 76.8	916 36.1	5939 233.8	151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350
						154A8	35	8752	9017	8333	7981	7606	6923	44	12941	11795
						152A8*	-----UNDER DEVELOPMENT-----									
						158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590
300/95R52 (12.4R52)	W10 W9 W8 W11 DW10 DW11	310 12.2	1890 74.4	898.5 35.4	5797 228.2	161A8	52	10781	11111	10251	9833	9370	8532	65	15939	14528
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
						151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
						156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200
						159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452
						149D	3.6	—	3851	3559	3413	3250	2958	4.5	5525	5038
270/95R54 (11.2R54)	W10 W9 W8	285 11.2	1900 74.8	903 35.39	5826 228.62	152A8	52	8490	7846	7524	7165	6521	65	12181	11107	
						146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650
320/90R54	W10 W9 W11	325 12.8	1958 77.1	928 36.5	6093 239.9	149A8	52	7600	7840	7250	6940	6610	6010	65	11230	10240
						151D	3.6	3970	4090	3780	3620	3450	—	4.5	5870	5350
380/90R54 (14.9R54)	W12 W11 W13	388 15.3	2055 80.9	960 37.8	6257 246.3	162A2	52	8740	9010	8330	7970	7600	—	65	12930	11780
						152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
						155A8	35	8995	9281	8576	8223	7826	7121	44	13316	12125
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530
						174A8	70	15587	16072	14837	14242	13558	12346	87	23060	21010

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed									
				Not high and sustained torque; Road transport									Inflation Pressure	Field operation			
				10	20	25	30	35	40	65	5	10					
mm in	mm in	mm in	mm in	bar psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	bar psi	kmph	kmph			
270/95R54 (11.2R54) Steel Belted	W10, W9, W8	285	1900	903	5961	156D	6	6000	4920	4440	4280	4120	4000	4000	7.6	7790	5450
		11.2	74.8	35.6	229.4	167A2	87	13230	10850	9790	9440	9080	8820	8820	110	17170	12020



# COMBINE HARVESTER



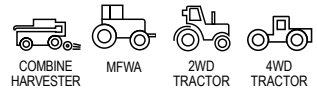




Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load																								
		SW	OD					Speed														Cyclic operations										
		Not high and sustained torque; Road transport																														
		mm	mm					10	15	20	25	30	35	40	45	50	55	60	65	70	bar	10										
in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph																
VF650/75R38	DW23B	666	1940	840	5702	175D	1.6	7590	7245	7176	7107	7038	6969	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900	2.4	9660
	DW21B	26.2	76.4	33.1	224.5		23	16730	15970	15820	15670	15520	15360	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	15210	35
VF710/75R42	DW24B	725	2153	940	6279	181D	1.6	9075	-	-	8498	8415	-	8250	-	8250	-	8250	-	8250	-	8250	-	8250	-	8250	-	8250	-	8250	2.4	11550
	DW25B DW23B	28.5	84.8	37	247.2		23	20010	-	-	18740	18550	-	18190	-	18190	-	18190	-	18190	-	18190	-	18190	-	18190	-	18190	-	18190	35	25460
580/85R42	DW20B	595	2040	910	6054	183D	2.8	9380	8750	8750	8750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	12250	
		23.4	80.3	35.8	238.3		41	20660	19270	19270	19270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17530	51	26980

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load																							
		SW	OD					Speed														Cyclic Operation									
		HARVESTER APPLICATION																													
		mm	mm					10	20	30	40	50	60	65	70	bar	10														
in	in	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph																			
VF900/60R42	DW30B	881	2147	936	6388	189D	2	11330	10712	10506	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	10300	2.8	14420
		34.7	84.5	36.9	251.5		29	24980	23620	23160	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710	22710

# 372 AGRIFLEX



The advanced 372 Agriflex Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry (up to 20%) more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



# 372 AGRIFLEX CFO

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		Not high and sustained torque; Road transport										CFO*					
		mm	mm					10	15	20	25 up to 40 km/h	25 up to 65 km/h	70	Load	Load		
in	in	6	9	12	15 up to 25 mph	15 up to 40 mph	44	15	30								
		9	19					9	19								
IF520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	6440	5750	5280	5150	-	-	7980	6700		
		19.9	57.7	25.6	172.1		46	14190	12670	11630	11340	-	-	17580	14750		
IF600/65R28 CFO	DW21B	606	1485	666	4418	160D	2.4	5630	5030	4610	-	4500	4100	6975	5850		
	DW20B W18L	23.9	58.5	26.2	173.9		35	12400	11080	10150	-	9910	9030	15360	12890		
IF620/75R30 CFO	DW23B	650	1675	734	4879	164D	1.6	6250	5580	5130	-	5000	4550	7750	6500		
	DW21B	25.6	65.9	28.9	192.1		23	13770	12290	11300	-	11010	10020	17070	14320		
IF650/75R30 CFO	DW23B	660	1720	754	5007	166D	1.6	6630	5920	5430	-	5300	4820	8215	6890		
	DW21B	26	67.7	29.7	197.1		23	14600	13040	11960	-	11670	10620	18090	15180		
IF800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	9380	8380	7690	7500	-	-	11625	9750		
		30.5	72.6	32.1	214.5		35	20660	18460	16940	16520	-	-	25610	21480		
IF800/70R32 CFO	DW27B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	-	-	13175	11050		
	DW25B	30.9	76.1	33.7	224.6		35	23410	20900	19190	18720	-	-	29020	24340		
IF900/60R32 CFO	DW30B DW27B	885	1890	847	5612	192D	4	14380	12840	11790	-	11500	10470	17830	14950		
		34.8	74.4	33.3	220.9		58	31670	28280	25970	-	25330	23060	39270	32930		
							188D	3.2	12500	11170	10250	-	10000	9100	15500	13000	
							46	27530	24600	22580	-	22030	20040	34140	28630		
IF1250/50R32 CFO	DH44B	1250	2080	905	6211	201B	3.2	18130	16190	14860	-	14500	-	22480	18850		
		49.2	81.9	35.6	244.5		46	39970	35693	32761	-	31967	-	49560	41557		
IF650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	5780	5160	4740	-	4625	4210	7170	6010		
		25.6	67.7	30.3	198.2		23	12740	11380	10450	-	10200	9280	15810	13250		
IF710/85R38 CFO	DW25B	730	2165	956	6294	178D	1.6	9380	8380	7690	-	7500	6830	11625	9750		
		28.7	85.2	37.6	247.8		23	20660	18460	16940	-	16520	15040	25610	21480		

Highlighted loads are for speed 50kmph / 31mph

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Not high and sustained torque; Road transport						CFO*		
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Load	Load	
		mm in	mm in					6	9	12		44	15 9	30 19		
IF800/70R38 CFO	DW27B DW25B	820	2085	926	6144	184A8	2.4	11250	10050	9230	9000	—	—	13950	11700	
		32.3	82.1	36.5	241.9		35	24780	22140	20330	19820	—	—	30730	25770	
							187A8	2.8	12190	10890	9990	9750	—	—	15113	12675
							41	26850	23990	22000	21480	—	—	33290	27920	
IF900/60R38 CFO	DW30B DW31B	880	2035	897	5998	184A8	2.4	11250	10050	9230	9000	—	8190	13950	11700	
		34.6	80.1	35.1	236.1		35	24780	22140	20330	19820	—	18040	30730	25770	
IF580/85R42 CFO	DW20B	595	2040	918	6047	178D	2.8	9380	8380	7690	—	7500	—	11625	9750	
		23.4	80.3	36.1	238.1		41	20660	18460	16940	—	16520	—	25610	21480	
IF710/75R42 CFO	DW25B	725	2150	951	6318	176D	1.6	8880	7930	7280	—	7100	6460	11005	9230	
		28.5	84.6	37.4	248.8		23	19560	17470	16040	—	15640	14230	24240	20330	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load																	
		Speed						Not high and sustained torque; Road transport												Cyclic operations					
		SW	OD					10	15	20	25	30	35	40	45	50	55	60	65	70	bar	10			
		mm in	mm in					kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	psi	kmph			
IF900/60R32	DW30B DW28B DW27B DW27	885	1890	846	5647	192D	4	12320	11760	11648	11536	11424	11312	11200	11200	11200	11200	11200	11200	11200	11200	11200	10192	4.8	15680
		34.8	74.4	33.3	222.3		58	27160	25930	25680	25430	25190	24940	24690	24690	24690	24690	24690	24690	24690	24690	24690	22470	70	34570

## 372 AGRIFLEX TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport						Cyclic*			
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Press.	Load		
		mm in	mm in					6	9	12		44	bar psi	10 6			
IF420/85R28	W15 W14	448	1437	636	4261	145D	1.6	3630	3240	2970	—	2900	2640	2	4495		
		17.6	56.6	25	167.8		23	8000	7140	6540	—	6390	5810	29	9900		
IF600/70R28	DW21B DW20B	625	1560	695	4597	164D	2.4	6250	5580	5130	—	5000	4550	3	7750		
		24.6	61.4	27.4	181		35	13770	12290	11300	—	11010	10020	44	17070		
IF600/70R30	DW20	615	1610	720	4916	159D	1.6	5470	4890	4480	—	4375	3980	2	6781		
		24.2	63.4	28.3	193.6		23	12050	10770	9870	—	9640	8770	29	14940		
							165D	2.4	6440	5750	5280	—	5150	4690	3	7983	
							35	14190	12670	11630	—	11340	10330	44	17580		
IF520/85R38	DW16L DW18L	540	1850	834	5482	167D	2.4	6810	6090	5590	—	5450	4960	3	8448		
		21.3	72.8	32.8	215.8		35	15000	13410	12310	—	12000	10930	44	18610		
IF520/85R42	DW16L DW18L	540	1955	879	5825	169D	2.4	7250	6480	5950	—	5800	5280	3	8990		
		21.3	77	34.6	229.3		35	15970	14270	13110	—	12780	11630	44	19800		
IF710/70R42	DW25B DW24B DW23B	745	2062	929	6131	179D	2.4	9690	8650	7940	—	7750	7050	3	12013		
		29.3	81.2	36.6	241.4		35	21340	19050	17490	—	17070	15530	44	26460		

# AGRIFLEX+ 377

R-1

SB

STEEL BELTED



Alliance 377 is ideal for applications on combine harvesters. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to a long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	Inflation Pressure bar	Recommended Load								
		SW	OD					PR Symbols	Speed							
									Not high and sustained torque; Road transport							
									15	30	10	15	20	65	70	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
in	in	in	in	in	in	in	in	in	in	in	in	in	in			
VF1050/50R32	36.0TH	1030	1645	703	4949	184D	2.4	11970	9990	9640	9000	9000	9000	9000	9000	-
		40.06	64.8	27.7	194.8		35	36370	22000	21230	19820	19820	19820	19820	19820	-
VF1000/50R25	36VA	1059	1863	821	5650	198D	3.6	17560	14650	14140	13200	13200	13200	13200	13200	-
		41.7	73.3	32.3	222.4		52	29070	32270	31150	29070	29070	29070	29070	29070	-
VF750/50R26	DW25B DW23B	754	1410	613	4247	169D	2.4	7710	6440	6210	5800	5800	5800	5800	5800	5280
		29.7	55.5	24.1	167.2		35	17000	14200	13690	12790	12790	12790	12790	12790	11640

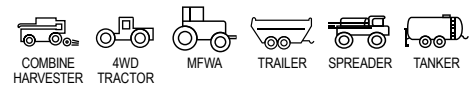
# 375 AGRI-STAR

R-1W

SB

SG

STEEL BELTED STUBBLE GUARD



375 Agri-star is dedicated for applications on combine harvesters, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tire construction enables use on multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



# 375 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)													
		SW	OD					Speed Symbol	Bar psi	Speed, km/h (mph)											
										Combine/Harvester low torque application										Inf. Press.	Cyclic Loading
										10	15	25	30	35	40	50	65	bar	10		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	
1000/50R25	36.0TH-1.5	1065	1660	753	5079	172A8/166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710				
		41.9	65.4	29.6	200		35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590				
620/75R26	DW20B DW20A DW18L	625	1595	727	4816	166A8/166B	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010				
		24.6	62.8	28.6	189.6		44	17510	15640	12950	12490	12030	11670	11670	-	52	19850				
1050/50R32	36VA	1030	1906	858	5760	180A8	2.2	12000	10720	8880	8560	8240	8000	-	2.6	13600					
		40.6	75	33.7	226.7		32	26430	23610	19560	18850	18150	17620	-	38	29960					
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710				
		25.6	72	32.9	214.3	172B	46	20810	18590	15400	14850	14300	13880	13880	-	56	23590				
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.9	10710				
		32	73.1	32.9	217.7	172B	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590				
800/70R32	DW27A DW27A DW25	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730				
		30.7	76.2	34.5	224.7	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840				
900/60R32	DW27B DW28B DW30B	910	1905	844	5673	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070				
		35.8	75	33.2	223.3	176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590				
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830				
900/75R32	DW30B DH31H	940	2155	965	6377	190A8	3.2	15900	14200	11770	11340	10920	10600	-	3.8	18020					
		37	84.8	37.9	251.1		46	35020	31280	25930	24980	24050	23350	-	56	39690					
620/75R34	DW20A DW18A	610	1820	822	5412	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200				
		24	71.7	32.3	213	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470				
710/75R34	DW23A DW21A MW23A	720	1945	880	5789	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750				
		28.3	76.6	34.6	227.9	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080				

# 375 TRACTOR

Size	Rim	Unloaded		Loaded	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)											
		dimension		Static				Speed, km/h (mph)											
		SW	OD	Radius				Not high and sustained torque; Road transport										Field operation	
		mm in	mm in	mm in				mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12
1000/50R25	36.0HT-1.5	1060	1650	762	5079	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740		
		41.7	65	30	200	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850		
620/75R26	DW20B DW20A DW18L	625	1595	727	4816	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670		
		24.6	62.8	28.6	189.6	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490		
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	18400	12000	8880	8560	8000	-	-	11200	9600	8560		
		40.6	75	34.3	228.6		32	40530	26430	19560	18850	17620	-	-	24670	21150	18850		
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740		
		25.6	72	32.9	214.3	172B	46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850		
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740		
		32	72.6	33.3	217.7	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850		
900/60R32	DW27B DW28B DW30B					176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600		
		910	1905	844	5673	176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740		
		35.8	75	33.2	223.3	182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960		
						185A8	46	43060	22180	21540	20970	20510	19670	18720	28700	24600	21940		
620/75R34	DW20A	610	1820	828	5435	170A8	3.2	13800	9000	6660	6420	6000	6000	-	8400	7200	6420		
		24	71.7	32.6	214	170B	46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140		
710/75R34	DW23A DW21A	720	1945	880	5789	178A8	3.2	17250	11250	8330	8030	7500	7500	-	10500	9000	8030		
		28.3	76.6	34.6	227.9	178B	46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690		
520/85R46 (DES.375)	DW16 W15 DW18L	530	2050	941.2	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550		
						155B	23	21560	14070	10410	10030	9370	8530	-	13120	11240	10030		

# MULTISTAR 376



Multistar 376 is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



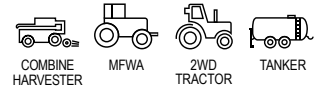
## 376 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Combine/Harvester low torque application									
						Bar psi	10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40	bar psi	10 6	
750/50R26	DW25B	751	1420	642	4319	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010
	DW23B	29.6	55.9	25.3	170	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440
1050/50R32	36VA	1050	1870	833	5656	185A8	3.2	13880	12400	10270	9900	9530	9250	8930	8500	3.8	15730
		41.3	73.6	32.8	222.7	182D	46	30570	27310	22620	21810	20990	20370	19670	18720	56	34650
680/85R32	DW21B	660	1960	884	5815	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750
		26	77.2	34.8	228.9		46	24780	22140	18350	17690	17030	16520	16520	-	56	28080
900/60R32	DW27B DW28B DW30B	869 34.1	1894 74.7	850 33.5	5645 222.3	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070
							35	23460	20950	18520	18000	17510	17110	16430	15640	42	26590
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870
						191D	4.4	17180	14600	12920	12540	-	11940	11450	10900	5	18530
	194A8	64	37880	32190	28480	27650	-	26320	25240	24030	73	40850					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					CFO			Not high and sustained torque; Road transport		
						Bar psi	15 9	30 19	10 6	15 9	20 12	40 25	
IF1050/50R32 CFO	36VA	1050	1860	831	5651	195A8	4.9	18830	15800	15190	13570	12450	12150
		41.3	73.2	32.7	222.4		72.5	41510	34830	33490	29920	27450	26790

## 376 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		Not high and sustained torque; Road transport							Field operation								
		mm in	mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
900/60R32	DW27B	865 34.1	1898 74.7	852 33.5	5645 222.3	176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600
							35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740
						182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920
						185A8	46	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850
1050/50R32	36VA	1050 41.3	1870 73.6	833 32.8	5656 222.7	185A8	3.2	21280	13880	10270	9900	9250	8930	8500	12950	11100	9900
						182D	46	46870	30570	22620	21810	20370	19670	18720	28520	24450	21810
620/70R46	DW20B	620 24.4	2060 81.1	940 37	6140 241.7	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080
						162A8	23	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190



Alliance 360 is an extra wide agricultural tractor drive radial tire for harvester applications. It is characterized by increased load capacity for the same inflation pressure. Low inflation pressure combined with large footprint reduces soil compaction. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters. The tire traction efficiency is increased by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide long tire life.



## 360 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	Combine/Harvester low torque application								Inf. Press.	Cyclic Loading		
				Static	10			25	30	40	50			bar psi	10
#800/65R32	DW27	800	1850	825	5533	181A8	3.6	18980	12380	9160	8830	8250	7510	4.3	14030
		31.5	72.8	32.5	217.8	178B	52	41840	27290	20190	19470	18190	16560	63	30900

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Load index speed Sym	Inf. press.	Recommend load, kg (lbs)									
		SW	OD							Free rolling					Drive wheel				
		mm in	mm in	mm in	mm in					10	25	30	40	Cyclic	10	25	30	40	Cyclic
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010	
	W18L	22	58.5	26.4	174	-	156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load														
		SW	OD					Speed										Cyclic Operation				
		mm in	mm in	mm in	mm in	NAN		Static	10	15	20	30	35	40	50	60	65	70	bar	10	15	
																						kmph
620/75R26 (23.1R26)	DW20B	605	1590	730	4685	167A8	3.2	5832	12535	8175	7303	6704	5832	5614	5450	4960	-	-	-	4	9265	8448
	W18L DW18L	23.8	62.6	28.7	184.4	164B	46	12860	27640	18020	16100	14780	12860	12380	12020	10940	-	-	-	58	20430	18630
VF750/65R26 (28LR26) NRO	DW25A	751	1623	715	4824	166A8	2.4	5671	12190	7950	7102	6519	5671	5459	4823	5300	-	-	-	3	9010	8215
	DW23A	29.6	63.9	28.1	189.9	163B	35	12500	26870	17530	15660	14370	12500	12040	10630	11680	-	-	-	44	19860	18110
650/75R32 (24.5R32)	DW21A	625	1800	815	5395	172D	3.2	-	-	9450	8440	-	-	-	6900	6620	-	6300	5730	4	10710	9770
	DW20A	24.6	70.9	32.1	212.4	175A8	46	-	-	20830	18610	-	-	-	15210	14600	-	13890	12630	58	23610	21540
800/65R32	25 DW27B	800	1850	843	5626	175D	2.8	7935	-	10350	9246	8487	7935	-	7556	7245	7004	6900	6279	3.5	11730	10695
	DH25B DH27B	31.5	72.8	33.2	221.5	178A8	41	17490	-	22820	20380	18710	17490	-	16660	15970	15440	15210	13840	51	25860	23580
710/70R38	22	716	1948	880	5897	178D	3.4	8625	-	11250	10050	9225	8625	-	8213	7875	7613	7500	6825	4.25	12750	11625
	DW23A	28.2	76.7	34.6	232.2	181A8	49	19015	-	24802	22156	20338	19015	-	18107	17361	16784	16535	15047	62	28109	25629
620/70R42	DW20B	650	1950	866	5781	166A8	2.4	5671	12190	7950	7102	6519	5671	5459	5300	4823	-	-	-	3	9010	8215
	DW20	25.6	76.8	34.1	227.6	163B	35	12500	26870	17530	15660	14370	12500	12040	11680	10630	-	-	-	44	19860	18110

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed					Field Operation		
		mm in	mm in	mm in	mm in			Static	10	25	30	40	50	bar	10
30.5LR32	DW27	775	1820	815	5511	173A8	NaN	7870	5130	3800	3660	3420	3110	2.4	6960
	DW27A	30.5	71.7	32.1	217	170B	-	17350	11310	8380	8070	7540	6860	35	15340

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm in	mm in	mm in	mm in			Static	15	20	30	35	40	50
650/65R38	DW20B	645	1835	860	5625	178A8	4.8	17250	10050	9225	8025	7725	7500	6825
	DW21B	-	-	-	-	-	-	-	-	-	-	-	-	-



# 360 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Not high and sustained torque; Road transport						Field operation										
				Static				10 6			25 16			30 19			40 25			50 31
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6					
620/75R26	DW20B	625	1590	716	4685	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830				
		24.6	62.6	28.2	184.4	164B	46	27620	18020	13330	12840	12000	11010	16810	14410	12840				
750/65R26 (28LR26)	DW25A DW23A	751	1623	723	4817	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550				
						155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020				
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670				
						163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490				
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960				
						170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330				
177B* -----UNDER DEVELOPMENT-----																				
540/65R28	W16 W15L	550	1413	637	4166	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460				
		21.7	55.6	25.1	164	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420				
24.5R32	DW21A DW20A	622	1800	801	5264	**	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680				
		24.5	70.9	31.5	207.2	159A8	23	22160	14450	10700	10310	9640	8770	13500	11560	10310				
650/75R32	DW21A DW20A	625	1800	801	5357	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740				
						172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850				
						159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680				
						156B	23	22160	14450	10700	10310	9640	8770	13500	11560	10310				
						**	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830				
						167A8	23	27620	18020	13330	12840	12000	10930	16810	14410	12840				
30.5LR32	DH27 DW27A Reinforced Rim	775	1820	809	5474	164B	***	2	13800	9000	6660	6420	6000	5460	8400	7200	6420			
						170A8	29	30400	19820	14670	14140	13220	12030	18500	15860	14140				
						167B	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960				
						173A8	35	32930	21480	15900	15330	14320	13040	20040	17180	15330				
						178A8	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030				
						175B	45	38000	24780	18350	17690	16520	15040	23130	19820	17690				
600/65R38	W18L W16L	591	1745	795	5318	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290				
		23.3	68.7	31.3	209.4	144B	17	15570	10150	7510	7250	6770	6170	9490	8130	7250				
650/65R38	DW20A	645	1835	830	5500	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010				
						151B	17	19010	12400	9160	8830	8260	7510	11560	9910	8830				
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030				
						175B	51	38000	24780	18350	17690	16520	15180	23130	19820	17690				
620/70R42	DW20 DW18	650	1940	865	5781	166A8	1.9	12190	7950	5880	5670	5300	4820	7420	6360	5670				
						163B	28	26850	17510	12950	12490	11670	10620	16340	14010	12490				
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960				
						170B	39	32930	21480	15900	15330	14320	13040	20040	17180	15330				
650/65R42	DW20 DW18	650	1940	883	5869	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420				
		25.6	76.4	34.8	231.1	167 B	46	30400	19820	14670	14140	13220	12030	18500	15860	14140				

# 360 TRACTOR RADIAL HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				1) Not high and sustained torque; 2) Road transport												
				Non cyclic operation					Cyclic operation							
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9	
480/65R24	W15 W14L	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190
		18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030
600/65R28	W18L W16L	591	1480	655	4481	150A8	1.8	3450	3560	3290	3150	3000	2730	2.3	5100	4650
						146D	26	7600	7840	7250	6940	6610	6010	33	11230	10240
						157A8	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810
						154D	35	9490	9780	9050	8680	8260	7510	44	14050	12800

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)																				
		SW	OD					Speed, km/h (mph)							1) Not high and sustained torque; 2) Road transport													
								Non cyclic operation					Cyclic operation		bar psi	10 6	15 9											
								25 16	40 25	50 31	65 40	70 44	Field															
650/75R32	DW21A	625	1800	801	5357	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770												
	DW20A	24.6	70.9	31.5	210.9	175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520												
	159A8*	-----UNDER DEVELOPMENT-----																										
800/65R32	DW27B DH25B DH27B	800	1850	825	5533	217.8	166D	1.6	6100	6280	5800	5570	5300	4820	2	9010	8220											
							169A8	23	13440	13830	12780	12270	11670	10620	29	19850	18110											
							173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080											
							176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200											
							175D																					
							178A8	3.1	7940	8180	7560	7250	6900	6280	3.9	11730	10700											
	Reinforced Rim	45	17490	18020	16650	15970	15200	13830	57	25840	23570																	
540/65R38	W16L	550	1675	767	4987	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770												
	W18L	21.7	65.9	30.2	196.3	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510												
650/65R38	DW20A	645	1835	733	5009	171D	51	15570	16060	14820	14230	13550	12330	63	23040	20990												
																	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220	
																	168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110	
710/70R38	DW23A	716	1948	877	5897	232.2	171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530											
																		174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990
																		178D	2.8	8630	8890	8210	7880	7500	6830	3.5	12750	11630
																		181A8	41	19010	19580	18080	17360	16520	15040	51	28080	25620

## YIELD MASTER 349 R-1



Yield Master 349 is constructed with robust nylon casing and a strong bead to guard the tire against mechanical failures under tough working environments. This is a premium bias harvester tire. The 23° lug angle enables high overall traction and even wear, saving time and fuel in the field. The close lug spacing of the tire reduces vibration. The tire's long tread bar design enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load, kg (lbs)																					
		SW	OD						Speed, km/h (mph)																					
									Static	10 6	20 12	25 16	30 19																	
23.1-26	DW20B	592	1605	722	4730	14	156A6	2	9200	5600	4800	4280	4000																	
						23.3	63.2	28.4	186.2	16	159A6	2.3	10060	6130	5250	4680	4375													
28L-26	DW25A	725	1630	725	4767	12		1.4	3350	-	-	-	-																	
							28.5	64.2	28.5	187.7			20	7380	-	-	-	-												
											12		1.4	-	-	-	-	4240												
30.5L-32	DW27A	775	1845	827	5421	16	166A6	1.7	-	-	-	-	-	-	-	-	5300													
																		30.5	72.6	32.6	213.4			25	-	-	-	-	11670	
																						18	170A6	2.1	-	-	-	-	-	6000
																								30	-	-	-	-	-	13220

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press	Recommended load , kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Harvester application					
		mm in	mm in	mm in	mm in	Symbol	bar psi	Static	10 6	20 12	25 16	30 19	40 25
30.5L-32	27	775	1845	8379	5523	16	1.7	12190	7420	6360	5670	5300	4770
		30.5	72.6	329.9	217.4	166A6	25	26870	16360	14020	12500	11680	10520
30.5L-32	DW27B	775	1845	836	5421	12	1.4	9780	5950	5100	-	4250	3830
		30.5	72.6	32.9	213.4	158A6	20	21560	13120	11240	-	9370	8440

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommended Load				
		SW	OD					Speed				
		mm in	mm in					Tractor application				
		mm in	mm in					mm in	mm in	Speed Symbol	bar psi	Static kmph
30.5L-32	DH27H DH27B	775	1845	841	5556	18	2.1	13800	8400	7200	6420	6000
	DH27 DH27HB	30.5	72.6	33.1	218.7	170A6	30	30420	18520	15870	14150	13230

## 570 R-1



Alliance 570 is specially designed for Combine Harvester rear axle as either a free rolling or drive wheel. The tire is built to provide high load carrying capability at low inflation pressure thus applying minimum ground pressure and reducing soil damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Free rolling					Drive Wheel				
		mm in	mm in					mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6
500/70R24 IMP	W16L	495	1312	569	3905	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	153.7	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4365	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	171.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4802	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	189	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370

# 336

IMP



Alliance 336 is tough cross ply tire for implement as well as mid range combine harvesters. It provides better traction , self cleaning with higher stability. This tire needs low maintenance time due to minimum wear leading longer life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl. Press.	Recommended Load									
		SW	OD					Speed, km/h (mph)									
								Drive wheel					Free rolling				
		mm	mm					10	20	25	30	40	10	20	25	30	40
in	in	in	in	in	in	bar	6	12	16	19	25	6	12	16	19	25	
360/80-20 (14.5/75-20)	W11	358	1100	486	3235	8PR 141A8 128A8	2.3	2520	2265	2140	2015	1800	3605	3245	3065	2885	2575
		14.1	43.3	19.1	127.4		33	5560	4990	4720	4440	3970	7950	7150	6760	6360	5680

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press	Recommended load , kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Static	10	20	30	40	50
		mm	mm					mm	in	in	in	in	in
in	in	in	in	in	in	bar	psi	6	12	19	25	31	
23.1-26	DW20	586	1605	702	4648	14	2	8280	5400	4430	4000	3600	3240
		23	63.2	27.6	183		29	18250	11905	9765	8815	7935	7140



# AGRI TRANSPORT



# RADIAL FLOTATION

**380**

**I-3**

**SC**  
SPECIAL  
COMPOUND

**SB**  
STEEL  
BELTED



Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tire's high-speed steel belted radial flotation construction, combined with specific casings construction and special rubber compound enables it to run at high speed on road. Deep non-directional lug type pattern enables high mobility in field including significant traction ability as well as comfortable smooth movement on road. Heavy duty tires are best suited for tough applications compared to the standard range.



**380 HS# MPT**

**AS**  
ALL  
STEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
								Mixed application												
		mm in	mm in					Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62
600/50R22.5 MPT	AG20.00	608	1172	539	3610	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20.00DC	23.9	46.1	21.2	142.1		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

# For Fertilizer Truck only.

## 380 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Mixed application									
		mm in	mm in					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43	
560/45R22.5 STEEL BELTED	AG16.00	543	1075	485	3265	152D	4	8170	6390	5610	5360	4830	4300	3800	3550		
		21.4	42.3	19.1	128.5		58	18010	14090	12370	11820	10650	9480	8380	7830		
560/60R22.5 STEEL BELTED	AG20.00 16.00,17.00	554	1245	560	3677	169D	6	13340	10440	9164	8758	7888	7018	6206	5800	5278	
		21.7	49	22	144.8		87	29410	23020	20203	19308	17390	15472	13682	12787	11636	
600/50R22.5 IMP STEEL BELTED	AG20.00	611	1172	503.8	3487	168D	3.1	12880	10080	8848	8456	7616	6776	5992	5600	5096	
		24.1	46.1	19.8	137.2		46	28400	22220	19506	18642	16790	14939	13210	12346	1235	
750/45R22.5 STEEL BELTED	AG24.00	745	1250	555.3	3804	176D	6	16330	12780	11218	10721	9656	8591	7597	7100	6461	
		29.3	49.2	21.9	149.8		87	36000	28180	24731	23636	21288	18940	16748	15653	14244	
600/55R26.5 STEEL BELTED	AG20.00	624	1350	615.1	4138	173D	6	14950	11700	10270	9815	8840	7865	6955	6500	5915	
		24.6	53.1	24.2	162.8		87	32960	25790	22641	21638	19489	17339	15333	14330	13040	
650/55R26.5 STEEL BELTED	AG20.00	645	1367	618.6	4184	177D	6	16790	13140	11534	11023	9928	8833	7811	7300	6643	
		25.4	53.8	24.4	164.7		87	37020	28970	25428	24302	21887	19473	17220	16094	14645	
650/60R26.5 STEEL BELTED	AG20.00	664	1450	659	4458	180D	6	18400	14400	12640	12080	10880	9680	8560	8000	-	
		26.1	57.1	25.9	175.5		87	40570	31750	27870	26630	23990	21340	18870	17640	-	
650/65R26.5 STEEL BELTED	AG20.00	664	1522	686.6	4648	182D	6	19550	15300	13430	12835	11560	10285	9095	8500	7735	
		26.1	59.9	27	183		87	43100	33730	29608	28296	25485	22675	20051	18739	17053	
710/50R26.5 STEEL BELTED	AG24.00	729	1401	637	4291	179D	6	17830	13950	12250	11700	10540	9380	8290	7750	-	
		28.7	55.2	25.1	168.9		87	39310	30750	27010	25790	23240	20680	18280	17090	-	
650/65R30.5 STEEL BELTED	AG20.00	676	1628	746	5015	184D	6	20700	16200	14220	13590	12240	10890	9630	9000	-	
		26.6	64.1	29.4	197.4		87	45640	35720	31350	29960	26990	24010	21230	19840	-	
800/60R32 STEEL BELTED	DW27A	805	1800	812	5384	185D	4	21280	16650	14620	13970	12580	11190	9900	9250	-	
		31.7	70.9	32	212		58	46910	36710	32230	30800	27730	24670	21830	20390	-	

## 380 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Mixed application									
		mm in	mm in					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43	
550/45R22.5 Steel Belted	AG16.00	535	1070	491	3275	154D	5	8630	6750	5930	5660	5100	4540	4010	3750	3420	
		21.1	42.1	19.3	128.9		73	19030	14880	13070	12480	11240	10010	8840	8270	7540	
560/60R22.5 Steel Belted	AG16.00	554	1250	564	3860	164D	5	11500	9000	7900	7550	6800	6050	5350	5000	4600	
		21.8	49.2	22.2	152.0		73	25350	19840	17420	16650	14990	13340	11800	11020	10140	
580/65R22.5 Steel Belted	AG16.00	585	1318	579	4072	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-	
		23	51.9	22.8	160.3		58	26850	21010	18440	17620	15880	14120	12490	11670	-	
600/50R22.5 Steel Belted	20.00DC	611	1172	528	3550	159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980	
		24.1	46.1	20.8	139.8		58	22160	17360	15220	14560	13110	11650	10310	9640	8770	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40
620/40R22.5 Steel Belted	AG20.00	620	1072	488	3352	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-
		24.4	42.2	19.2	132			58	19630	15370	13480	12890	11610	10330	9140	8540
650/50R22.5 Steel Belted	AG20.00	652	1237.6	554.2	3607	166D	5	12190	9540	8370	8000	7210	6410	5670	5300	4820
		25.6	48.7	21.8	142			73	26870	21030	18450	17640	15900	14130	12500	11680
600/55R22.5	AG20.00	600	1245	564	3860	165D	5	11850	9270	8140	7780	7000	6230	5510	5150	4700
		23.6	49	22.2	152	162E	73	26130	20440	17950	17150	15430	13740	12150	11350	10360
710/45R22.5	AG24.00	727	1210	534	3683	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
		28.6	47.6	21	145			58	26100	20420	17930	17140	15420	13720	12140	11340
750/45R22.5 Steel Belted	AG24.00	750	1245	568	3815	169D	4.5	12190	10020	9130	8480	7690	6890	6150	5780	5300
		29.5	49	22.3	150.1			65	26850	22070	20110	18680	16940	15180	13550	12730
600/55R26.5 Steel Belted	AG20.00	624	1350	609.7	4113	168D	5	11850	10100	8860	8470	7630	6790	6000	5610	5150
		24.6	53.1	24	161.9			73	26130	22270	19530	18670	16820	14970	13230	12370
650/55R26.5 Steel Belted	AG20.00	645	1365	620	4210	170D	4.5	13800	10800	9480	9060	8160	7260	6420	6000	5460
		25.4	53.7	24.4	165.7			65	30420	23810	20900	19970	17990	16010	14150	13230
650/60R26.5 Steel Belted	AG20.00	660	1450	655	4432	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	-
		26	57.1	25.8	174.5			58	32930	25770	22620	21630	19470	17330	15330	14320
710/50R26.5 Steel Belted	AG24.00	732	1400	629.9	4291	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28.8	55.1	24.8	168.9			58	30400	23790	20880	19960	17970	15990	14140	13220
750/45R26.5 Steel Belted	AG24.00	750	1360	608	4113	173D	5	14950	11700	10270	9820	8840	7870	6960	6500	5920
		29.5	53.5	23.9	161.9			73	32960	25790	22640	21650	19490	17350	15340	14330
650/65R30.5 Steel Belted	AG20.00	680	1625	726	4881	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-
		26.8	64	28.6	192.2			58	35970	28150	24710	23610	21280	18920	16740	15640
750/60R30.5 Steel Belted	AG24.00	767	1680	754	5145	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	7510
		30.2	66.1	29.7	202.6			58	41810	32710	28720	27440	24710	21980	19450	18170

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	mm in	mm in	Mixed application												
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	15 9	20 12	25 16	30 19	40 25	50 31	60 37	65 40	70 43	
800/60R32	DW27A	805	1800	812	5408	185D	4	21280	16650	16000	15260	14620	13970	12580	11190	9900	9250	8420
		31.7	70.9	32	212.9			58	46910	36710	35270	33640	32230	30800	27730	24670	21830	20390

## 380 AGRI TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Mixed application											
		mm in	mm in	mm in	mm in	Bar psi	Static	10	15	25	30	40	50	60	65	70	
650/65R26.5	20	664	1522	687	4648	174D	4	15410	12060		10586	10117	9112	8107	7169	6700	6097
		26.1	59.9	27	183			58	33970	26590		23340	22300	20090	17870	15810	14770

**390****I-2****SB****AS #**

FLOTATION

STEEL BELTED

ALL STEEL



Alliance 390 Heavy Duty steel belted flotation radial Implement tires belong to the Agri-Transport series combining the best of flotation characteristics with the best of radial construction to provide excellent performance both on and off road. The tires can be used for multiple machines in on/off-the-road applications. MPT tires can go upto 100 km/h and are best suited for tough applications compared to the standard range.



## 390 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
560/60R22.5	AG16.00	565	1260	569	3865	169D	6	13340	10440	9160	8760	7860	7020	6210	5800
		22.2	49.6	22.4	152.2			87	29410	23020	20190	19310	17390	15480	13690
710/65R26	DW25	730	1570	703	4741	187D	6	22430	17550	15410	14720	13260	11800	10430	9750
		28.7	61.8	27.7	186.7			87	49450	38690	33970	32450	29230	26020	22990
600/55R26.5	AG20.00	625	1350	622	4143	173D	6	14950	11700	10270	9820	8840	7870	6960	6500
		24.6	53.1	24.5	163.1			87	32960	25790	22640	21650	19490	17350	15340
650/55R26.5	AG20.00	665	1395	638	4273	177D	6	16790	13140	11530	11020	9930	8830	7810	7300
		26.2	54.9	25.1	168.2			87	37020	28970	25420	24300	21890	19470	17220
710/50R26.5	AG24.00	734	1396	635	4266	179D	6	17830	13950	12250	11700	10540	9380	8290	7750
		28.9	55	25	168			87	39310	30750	27010	25790	23240	20680	18280
600/60R30.5	AG20.00	630	1510	697	4626	178D	6	17250	13500	11850	11330	10200	9080	8030	7500
		24.8	59.4	27.4	182.1			87	38030	29760	26130	24980	22490	20020	17700
710/50R30.5	AG24.00	725	1502	690	4611	181D	6	18980	14850	13040	12460	11220	9980	8830	8250
		28.5	59.1	27.2	181.5			87	41840	32740	28750	27470	24740	22000	19470
750/60R30.5	AG24.00	770	1700	769	5219	190D	6	24380	19080	16750	16010	14420	12830	11340	10600
		30.3	66.9	30.3	205.5			87	53750	42060	36930	35300	31790	28290	25000

## 390 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Mixed application										
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
500/60R22.5 Steel Belted	16.00DC	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-		
		20.1	46.5	20.8	142.4			58	19630	15370	13480	12890	11610	10330	9140	8540	-	
560/45R22.5 Steel Belted	AG 16.00	545	1078	483	3291	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	-		
		21.5	42.4	19	129.6			58	18000	14070	12360	11810	10640	9470	8370	7820	-	
560/60R22.5 Steel Belted	AG 16.00	572	1252	564	3840	164D	5	11500	9000	7900	7550	6800	6050	5350	5000	-		
		22.5	49.3	22.2	151.2			73	25330	19820	17400	16630	14980	13340	11800	11020	-	
580/65R22.5 Steel Belted	AG16.00	582	1312	582	3984	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-		
		22.9	51.7	22.9	156.8			58	26850	21010	18440	17620	15880	14120	12490	11670	-	
600/50R22.5 Steel Belted	AG20.00	583	1169	535	3620	162D	5	10930	8850	7510	7170	6460	5750	5080	4750	4350		
		23	46	21.1	142.5			73	24100	18850	16560	15810	14240	12680	11200	10470	9590	
28LR26 Steel Belted	DW25	727	1542	688	4520	176A8	2.8	11800	10010	8510	8010	7150	6510	-	-	-		
		28.6	60.7	27.1	178			173B	41	25990	22050	18740	17640	15750	14340	-	-	-
620/75R26 (23.1R26) Steel Belted	DW20B	620	1590	707	4732	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	-		
								58	33940	26560	23330	22290	20070	17860	15790	14760	-	
								153A8	1.66	6020	5110	4340	4090	3650	3650	-	-	-
								153B	24	13260	11260	9560	9010	8040	8040	-	-	-
710/65R26 Steel Belted	DW25	710	1545	690	4708	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-		
		28	60.8	27.2	185.4			58	35970	28150	24710	23610	21280	18920	16740	15640	-	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
600/55R26.5 Steel Belted	AG 20.00	624	1355	613	4105	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	-
		24.6	53.3	24.1	161.6		58	26100	20420	17930	17140	15420	13720	12140	11340	
650/55R26.5 Steel Belted	20.00DC	660	1395	629	4266	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	-
		26	54.9	24.8	167.9		58	30400	23790	20880	19960	17970	15990	14140	13220	
710/50R26.5 Steel Belted	24.00DC	730	1390	627	4249	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	-
		28.7	54.7	24.7	167.3		58	31920	24980	21920	20950	18880	16780	14850	13880	
800/45R26.5 Steel Belted	AG28.00	810	1395	630	4287	177D	5	16790	13140	11530	11020	9930	8830	7810	7300	-
		31.9	54.9	24.8	168.8		73	36980	28940	25400	24270	21870	19450	17200	16090	
600/60R30.5 Steel Belted	AG20.00	600	1505	693	4587	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	-
		23.6	59.3	27.3	180.5		58	32960	25790	22640	21650	19490	17350	15340	14330	
710/50R30.5 Steel Belted	24.00DC	727	1495	680	4430	176D	4	16330	12780		10720	9660	8590	7600	7100	-
		28.6	58.9	26.8	174.4		58	35970	28150		23610	21280	18920	16740	15640	
750/60R30.5 Steel Belted	24.00DC	780	1675	752	5165	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	-
		30.7	65.9	29.6	203.3		58	41810	32710	28720	27440	24710	21980	19450	18170	
850/50R30.5 Steel Belted	28.00DC	882	1653	742	4860	182D	4	19550	15300	13430	12840	11560	10290	9100	8500	-
		34.7	65.1	29.2	191.3		58	43060	33700	29580	28280	25460	22670	20040	18720	
30.5LR32 Steel Belted	DW 27A	790	1800	805	5431	181B	3	18980	13120	11300	10730	9490	8250	-	-	-
		31.1	70.9	31.7	213.8		44	41810	28900	24890	23630	20900	18170			
800/60R32 Steel Belted	DW 27A	794	1800	806.22	5290	184D 181E	4	20700	16200	14220	13590	12240	10890	9630	9000	-
		31.3	70.9	32.1	208.3		58	45640	35720	31350	29930	26960	24010	21230	19840	

### 390 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	
24R20.5	18	605	1372	620	4208	176F	6	17750	12780		9590	8880	8170	7950	7810	7630	7460	7100
		23.8	54	24.4	165.7		87	39130	28180		21140	19580	18010	17530	17220	16820	16450	15650
#500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3158	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750
		20	40.4	18.6	124.3		87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680	8260
#600/50R22.5 MPT ALL STEEL	20.00DC	585	1180	539	3605	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	141.9		87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 43	80 50	90 56	100 62	
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 43	80 50	90 56	100 62	
445/70R24 MPT	W14L	55	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW14L																			
	DW15L	17.9	48.9	22.6	149		65	19030	13690	12810	10270	9500	8750	8510	8380	8250	8140	7920	7760	7610
495/70R24 MPT	W15L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	W16L																			
	DW16L	20.2	51.6	23.7	151.5		65	21360	15390	14370	11530	10670	9830	9570	9390	9260	9150	8890	8710	8540
	W14L																			

# 382 MPT

I-2

SC  
SPECIAL  
COMPOUND

AS  
ALL  
STEEL

FLOTATION



Alliance 382 MPT from the radial flotation tire series is designed to optimize the efficiency of agricultural transportation. The Alliance 382 is an all-steel construction tire with specific casing and special rubber compounds. Deep non-directional block type pattern enables comfortable high-speed driving on road, as well as high mobility in the fields with low resistance for on road applications.



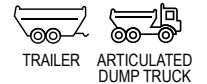
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	90 56	100 63		
400/55R22.5 MPT	13.00DC	404	1020	474	3150	146J	6	7500	5400	5050	4050	3750	3450	3360	3300	3260	3210	3120	3060	3000
					87		16520	11890	11120	8920	8260	7600	7400	7270	7180	7070	6870	6740	6610	
		15.9	40.2	18.7	3088	148F	6	7880	5670	5200	4250	3940	3620	3530	3470	3390	3310	3150	-	-
					87		17360	12490	11450	9360	8680	7970	7780	7640	7470	7290	6940			
600/50R22.5 MPT	20.00DC	600	1170	535	3587	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
					94		27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010	
		23.6	46.1	21.1	141.2															

# 398 MPT

I-3

AS  
ALL  
STEEL

FLOTATION



Alliance 398 MPT Flotation Radial is a unique High-Speed tire designed for performance on road as truck tires do and at the same works seamlessly on agricultural fields. The tire minimizes soil compaction and functions as a modern flotation radial tire. It boasts of an all-steel construction and is capable of higher speeds. It provides maximum traction and high flotation for field use. Its advanced tread pattern enables outstanding grip, as well as smooth and comfortable drive on road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in	mm in	Bar psi	Mixed Application													
							Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62	
445/65R22.5 MPT ALL STEEL	14	455	1166	532	3592	160J	6.0	11250	8100	7570	6080	5630	5180	5040	4950	4880	4820	4680	4590	4500
	13	17.9	45.9	21	141.4		87	24780	17840	16670	13390	12400	11410	11100	10900	10750	10620	10310	10110	9910
#600/50R22.5 MPT ALL STEEL	AG24.00	620	1172	541	3605	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20	24.4	46.1	21.3	141.9		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

# Size available in this design

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	mm in	mm in	Bar psi	Mixed Application													
							Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62	
445/70R24 MPT ALL STEEL	W14L	455	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW15L	17.9	48.9	22.6	149		65	19010	13680	12800	10260	9490	8740	8500	8370	8240	8130	7910	7750	7600
495/70R24 MPT ALL STEEL	W16L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	W15L																			
	W14L	20.2	51.6	23.6	158.1		65	21340	15370	14360	11520	10660	9820	9560	9380	9250	9140	8880	8700	8540

# 393

I-2

SB

FLOTATION

STEEL BELTED



Alliance 393 combines the best characteristics of flotation tires and radial construction in order to provide superior performance on road and in field applications.

The tire's strong fabric carcass is reinforced by steel belts. This pattern is characterized by directional block configuration ensuring the best possible self cleaning ability and assists in maintaining on-road direction. Due to its huge internal volume, the tire is also characterized by low inflation pressure of up to 3 bar (43.5 psi) promising low soil compaction for the highest possible load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)										Field Service Max Cyclic Load	
		Speed, km/h (mph)						Mixed Application											
		SW	OD															Speed	
		mm in	mm in					mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31	60
35.5LR32 (900/65R32)	DH31 DW31 DW30	925	1986	863.9	5952	190D	3	22360	15900	12560	12190	11500	11130	10760	10600	9720	17940	16330	
		36.4	78.2	34	234.7	193A8	44	49300	35050	27690	26870	25350	24540	23720	23370	21430	39510	35970	

# 590

I-2

SB

C+C

STEEL BELTED

CUT & CHIP RESISTANT COMPOUND



Alliance 590 is a Heavy Duty Radial Flotation Tire designed specifically to suit the needs Agriculture and Construction applications. A Robust Steel Belted construction, with a non directional design and superior Cut and Chip resistant compound enables to handle heavy Loads and operate both in Farms as well as On/Off Road conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Mixed Application									
		SW	OD														
		mm in	mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25
560/60R22.5	AG16.00	550	1244	562.8	3775	169D	6	13340	10440	9570	8758	7888	7018	5800	5278		
		21.7	49	22.2	148.6	87	29410	23020	21100	19310	17390	15470	12790	11640			
600/55R26.5	AG20.00	611	1333	603	4004	165D	4	11850	9270	8500	7780	7000	6230	5150	4690		
		24.1	52.5	23.7	157.6	58	26130	20440	18740	17150	15430	13740	11350	10340			
600/55R26.5	AG20.00	611	1333	612	4071	173D	6	14950	11700	10725	9815	8840	7865	6500	5915		
		24.1	52.5	24.1	160.3	87	32960	25790	23650	21640	19490	17340	14330	13040			
650/55R26.5	AG20.00	650	1390	635	4253	177D	6	16790	13140	12050	11020	9930	8830	7300	6640		
		25.6	54.7	25	167.4	87	37020	28970	26570	24300	21890	19470	16090	14640			
650/60R26.5	AG20.000	650	1453	662	4443	180D	6	18400	14400	13200	12080	10880	9680	8000	7280		
		25.6	57.2	26.1	174.9	87	40570	31750	29100	26630	23990	21340	17640	16050			
600/60R30.5	AG20.00	611	1495	684	4542	173D	5	14950	11700	10730	9820	8840	7870	6500	5920		
		24.1	58.9	26.9	178.8	73	32960	25790	23660	21650	19490	17350	14330	13050			
600/60R30.5	AG20.00	611	1495	678	4555	178D	6	17250	13500	12380	11330	10200	9080	7500	6830		
		24.1	58.9	26.7	179.3	87	38030	29760	27290	24980	22490	20020	16540	15060			
650/65R30.5	AG20.00	660	1621	741	4923	184D	6	20700	16200	14850	13590	12240	10890	9000	8190		
		26	63.8	29.2	193.8	87	45640	35720	32740	29960	26990	24010	19840	18060			
710/50R30.5	AG24.00	727	1490	678	4542	177D	5	16790	13140	12050	11020	9930	8830	7300	6640		
		28.6	58.7	26.7	178.8	73	37020	28970	26570	24300	21890	19470	16090	14640			
710/50R30.5	AG20.00 AG24.00	727	1490	683	4542	181D	6	18975	14850	13613	12458	11220	9983	8250	7508		
		28.6	58.7	26.9	178.8	87	41830	32740	30010	27470	24740	22010	18190	16550			
750/60R30.5	AG24.00	754	1675	756	5070	190D	6	24380	19080	17490	16010	14420	12830	10600	9650		
		29.7	65.9	29.8	199.6	87	53750	42060	38560	35300	31790	28290	23370	21280			



Alliance 388 is designed to meet the requirement of severe agricultural applications ranging from spreaders to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tire's large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
500/60R22.5	AG16.00	503	1172	515	3530	146D	2.8	6900	5400	4740	4530	4080	3630	3210	3000	2730
		19.8	46.1					20.3	139	41	15200	11890	10440	9980	8990	8000
								4	8910	6980	6120	5850	5270	4690	4150	3875
560/60R22.5	AG16.00	538	1230	545	3721	151D	2.8	7940	6210	5450	5210	4690	4170	3690	3450	3140
		21.2	48.4	21.5	146.5	41	17490	13680	12000	11480	10330	9190	8130	7600	6920	
				550	3742	156D	3.3	9200	7200	6320	6040	5440	4840	4280	4000	3640
#600/50R22.5	AG20.00	595	1168	526	3540	156D	3.6	9200	7200	6320	6040	5440	4840	4280	4000	3640
		23.4	46	20.7	139.4	52	20260	15860	13920	13300	11980	10660	9430	8810	8020	
						159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980
710/45R22.5	AG24.00	711	1210	536.4	3681	156D	2.8	9200	7200	6320	6040	5440	4840	4280	4000	3640
		28	47.6	21.1	144.9			41	20260	15860	13920	13300	11980	10660	9430	8810
600/55R26.5	AG20.00	603	1340	601	4100	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690
		23.7	52.8	23.7	161.4			58	26100	20420	17930	17140	15420	13720	12140	11340
650/65R26.5	AG20.00	651	1500	669	4573	165D	2.8	11850	9270	8140	7780	7000	6230	5510	5150	4690
		25.6	59.1	26.3	180			41	26100	20420	17930	17140	15420	13720	12140	11340
750/55R26.5	AG24.00	756	1498	662	4462	164D	2.4	11500	9000	7900	7550	6800	6050	5350	5000	4550
		29.8	59	26.1	175.7			35	25330	19820	17400	16630	14980	13330	11780	11010
600/65R34	DW20B DW18	610	1650	747.9	5101	161D	2.4	10640	8330	7310	6980	6290	5600	4950	4625	4210
		24	65	29.4	200.8			35	23440	18350	16100	15370	13850	12330	10900	10190
				749	5017	164D	2.7	11500	9000	7900	7550	6800	6050	5350	5000	4550
650/60R34	DW20 DW23 DW18	660	1650	760.4	5117	172D	3.6	14490	11340	9950	9510	8570	7620	6740	6300	5730
		26	65	29.9	201.5			52	31920	24980	21920	20950	18880	16780	14850	13880
						175D	4	15870	12420	10900	10420	9380	8350	7380	6900	6280
710/55R34	DW23B DW24	712	1656	744	4910	169D	2.9	13340	10440	9160	8760	7890	7020	6210	5800	5280
		28	65.2	29.2	193.3			43.1	29380	23000	20180	19300	17380	15460	13680	12780
800/50R34	DW25	800	1659	746	5088	168D	2.4	12880	10080	8850	8460	7620	6780	5990	5600	5100
		31.5	65.3	29.4	200.3			35	28370	22200	19490	18630	16780	14930	13190	12330
850/45R34	DW28	843	1657	738	4849	168D	2.1	12880	10080	8850	8460	7620	6780	5990	5600	5100
		33.2	65.2	29.1	190.6			30	28370	22200	19490	18630	16780	14930	13190	12330

# not available in steel belt





The Alliance 885 is a new generation tire engineered for light duty applications like balers, grain wagons, cultivators, fast moving small agricultural trailers, wagons, grassland trailers etc. It has high load carrying capacity and working speeds and superior distribution of pressure on the surface. High crown radius provides maximum footprint area which adds to the flotation characteristic. Its large lug contact area at the center line enables smooth and comfortable run on road. Rounded shoulders cause least possible damage to soil and plants. Lower rolling resistance enhances fuel efficiency of prime movers. Strong nylon/polyester casing and strong tread compound provides higher wear resistance. A strong bead bundle with extra thick reinforced sidewall and a high turn up of plies around bead ensures excellent stability and protection against external damages.



Size	Rim	Onloaded dimension		Loaded Static	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Static	10 6	30 18	40 25	50 31	65 40
560/45R22.5 STEEL BELTED	AG16.00	543 21.4	1076 42.3	491.1 19.3	3260 128.3	152D	4 58	8170 18000	6390 14070	5360 11810	4830 10640	4300 9470	3550 7820
560/60R22.5 STEEL BELTED	AG16.00	555 21.9	1230 48.4	553 21.8	3795 149.4	164D	4 58	11500 25330	9000 19820	7550 16630	6800 14980	6050 13330	5000 11010
580/65R22.5 STEEL BELTED	AG16.00	574 22.6	1315 51.8	580 22.8	4040 159.1	166D	4 58	12190 26850	9540 21010	8000 17620	7210 15880	6410 14120	5300 11670
600/50R22.5 STEEL BELTED	AG20.00	600 23.6	1172 46.1	516.9 20.3	3537 139.2	159D	4 58	10060 22180	7875 17360	6605 14560	5950 13115	5295 11675	4375 9645
650/50R22.5 STEEL BELTED	AG 20.00	650 25.6	1235 48.6	554 21.8	3630 142.9	163D	4 58	11210 24690	8780 19340	7360 16210	6630 14600	5900 13000	4875 10740
710/45R22.5 STEEL BELTED	AG 24.00	725 28.5	1210 47.6	535 21.1	3698 145.5	165D	4 58	11850 26100	9270 20420	7780 17140	7000 15420	6230 13720	5150 11340
600/55R26.5 STEEL BELTED	AG20	619 24.4	1341 53	609 24	4058 160	165D	4 58	11850 26100	9270 20420	7780 17140	7000 15420	6230 13720	5150 11340
650/55R26.5 STEEL BELTED	AG20.00	648 25.5	1380 54.3	605.4 23.8	4208 165.6	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
650/65R26.5 STEEL BELTED	AG20	645 25.4	1519 59.8	670 26.4	4580 180.3	174D	4 58	15410 33940	12060 26560	10120 22290	9110 20070	8110 17860	6700 14760
710/50R26.5 STEEL BELTED	AG 24.00	733 28.8	1390 54.7	629 24.8	4226 166.3	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
750/45R26.5 STEEL BELTED	AG 24.00	740 29.1	1360 53.5	618 24.3	4138 162.9	170D	4 58	13800 30400	10800 23790	9060 19960	8160 17970	7260 15990	6000 13220
800/45R26.5 STEEL BELTED	AG28.00	800 31.5	1390 54.7	622.95 24.5	4216 166.0	174D	4 58	15410 33970	12060 26590	10120 22310	9110 20080	8110 17880	6700 14770
710/50R30.5 STEEL BELTED	AG24.00	733 28.9	1490 58.7	676.65 26.6	4560 179.5	173D	4 58	14950 32960	11700 25790	8840 19490	7870 17350	6960 15340	6500 14330
750/60R30.5 STEEL BELTED	AG 24.00	761 29.9	1680 66.1	743.3 29.2	5094 200.5	181D	4 58	18980 41810	14850 32710	12460 27440	11220 24710	9980 21980	8250 18170
800/45R30.5 STEEL BELTED	AG28.00 AG24.00	790 31.1	1490 58.6	664.7 26.1	4533 178.4	176D	4 58	16330 36000	12780 28180	9660 21300	8590 18940	7600 16760	7100 15650

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed Application								
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 43
710/40R22.5	AG24.00	726 28.6	1140 44.9	512.3 20.2	3471 136.7	165D	5 73	11845 26114	9270 20437	8137 17939	7777 17145	7004 15441	6232 13739	5511 12150	5150 11354	4687 10333
850/50R30.5	AG28.00	862 33.9	1625 64	740 29.1	4933 194.2	182D	4 58	19550 43100	15300 33730	13430 29610	12835 28300	11560 25490	10285 22680	9095 20050	8500 18740	7735 17050



Alliance 882 Implement tire combines the best characteristics of flotation tires and radial construction to provide superior performances on road and in field applications. One of its salient features is a strong fabric carcass reinforced by rigid steel belts. Its directional block configuration ensures best possible self cleaning ability and assists in keeping on/off the road travel direction. Due to its huge internal volume the tire is characterized by low inflation pressure that promises low soil compaction for very high load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press Bar psi	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
								Mixed application							
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
385/65R22.5	AG11.75	389 15.3	1075 42.3	493 19.4	3205 126.2	164D	9 131	11500 25353	9000 19842	7900 17416	7550 16645	6800 14991	6050 13338	5350 11795	5000 11023
500/60R22.5	AG16	510 20.1	1172 46.1	527.9 20.7	3493 137.5	155D	4 58	8910 19630	6980 15370	6120 13480	5850 12890	5270 11610	4690 10330	4150 9140	3875 8540
560/45R22.5	AG16.00	543 21.4	1076 42.4	485 19.1	3310 130.3	152D	4 58	8170 18000	6390 14070	5610 12360	5360 11810	4830 10640	4300 9470	3800 8370	3550 7820
560/60R22.5	AG16.00	565 22.2	1244 49	555 21.9	3650 143.7	165D	4.2 61	11850 26100	9270 20420	8140 17930	8320 18330	7000 15420	6230 13720	5510 12140	5150 11340
580/65R22.5	AG16.00	575 22.6	1326 52	588 23.1	4030 158.6	166D	4 58	12190 26850	9540 21010	8370 18440	8000 17620	7210 15880	6410 14120	5670 12490	5300 11670
600/50R22.5	AG20	611 24.1	1172 46.1	528.4 20.8	3565 140.4	162D	5 73	10930 24096	8550 18850	7510 16557	7170 15807	6460 14242	5750 12677	5080 11199	4750 10472
710/35R22.5	AG24.00	712 28	1069 42.1	481 18.9	3263 128.5	157D	4 58	9488 20920	7425 16370	6518 14370	6229 13730	5610 12370	4991 11000	4414 9730	4125 9090
620/75R26 (23.1R26)	20	620 24.4	1590 62.6	722 28.4	4857 191.2	176D	4 58	16330 36000	12780 28180	11218 24730	10721 23640	9656 21290	8591 18940	7597 16750	7100 15650
600/55R26.5	AG20.00	611 24	1333 52.4	604 23.7	4043 159.1	165D	4 58	11850 26130	9270 20440	8140 17950	7780 17150	7000 15430	6230 13740	5510 12150	5150 11350
650/55R26.5	AG200.00	557 21.9	1326 52.2	587.8 23.1	4032 158.7	170D	4 58	13800 30420	10800 23810	9480 20900	9060 19970	8160 17990	7260 16010	6420 14150	6000 13230
710/50R26.5	AG24.00	727 28.6	1383 54.4	622.3 24.5	4219 166.1	172	4 58	14490 31950	11340 25000	9950 21940	9510 20970	8570 18890	7620 16800	6740 14860	6300 13890
600/60R30.5	AG20.00	611 24.1	1495 58.9	680 26.8	4518 177.9	169D	4 58	13340 29410	10440 23020	9164 20200	8758 19310	7888 17390	7018 15470	6206 13680	5800 12790
710/50R30.5	AG24.00	727 28.6	1485 58.5	670 26.4	4485 176.6	173D	4 58	14950 32959	11700 25790	10270 22640	9815 21640	8840 19490	7865 17340	6955 15330	6500 14330
750/60R30.5	AG24.00	754 29.6	1675 65.9	747.85 29.4	5121 201.6	181D	4 58	18980 41840	14850 32740	13040 28750	12460 27470	11220 24740	9980 22000	8830 19470	8250 18190

## FLOTMASTER 381



Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press Bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								Mixed application								
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
560/45R22.5 Steel Belted	AG 16.00	540 21.3	1080 42.5	485 19.1	3268 128.7	146D	3.2 46	6900 15200	5400 11890	4740 10440	4530 9980	4080 8990	3630 8000	3210 7070	3000 6610	2730 6010
620/40R22.5 Steel belted	AG 20.00	612 24.1	1080 42.5	496.5 19.5	3286 129.3	148D	3.2 46	7250 15970	5670 12490	4980 10970	4760 10480	4280 9430	3810 8390	3370 7420	3150 6940	2870 6320
620/50R22.5 Steel belted	AG 20.00	600 23.6	1170 46.1	520 20.5	3601 141.8	161D	4 58	10640 23440	8330 18350	7310 16100	6980 15370	6290 13850	5600 12330	4950 10900	4625 10190	4210 9270
710/40R22.5 Steel belted	AG 24.00	702 27.6	1161 45.7	521 20.5	3550 139.8	162D	4 58	10930 24070	8550 18830	7510 16540	7170 15790	6460 14230	5750 12670	5080 11190	4750 10460	4320 9520

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	Mixed application												
		mm in	mm in	mm in	mm in	Bar psi		Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
710/50R22.5	AG24.00	710	1280	575	3880	172D	5	14490	11340	9950	9510	8570	7620	6740	6300	
								73	31920	24980	21920	20950	18880	16780	14850	13880
620/55R26.5 Steel belted	AG 20.00	612	1356	608	4103	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	4820
		24.1	53.4	23.9	161.5			58	26850	21010	18440	17620	15880	14120	12490	11670
710/50R26.5 Steel belted	AG 24.00	710	1360	610	4171	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28	53.5	24	164.2			58	30400	23790	20880	19960	17970	15990	14140	13220
800/45R26.5 Steel belted	AG 28.00	801	1374	613	4045	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	6100
		31.5	54.1	24.1	159.3			58	33940	26560	23330	22290	20070	17860	15790	14760

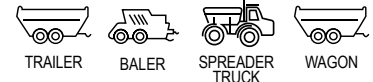
## 381 RADIAL IMPLEMENT

FLOTATION

1-2

SB

STEEL BELTED



Alliance 381 Radial Implement is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm / in	mm / in	Mixed Application													
		mm / in	mm / in	mm / in	mm / in	bar psi		Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 43
560/45R22.5IMP	16	540	1080	484	3294	146D	2.8	6900	5400	5190	4740	4530	4080	3630	3210	3000	2730
		21.3	42.5	19.1	129.7			41	15210	11910	11440	10450	9990	9000	8000	7080	6610
620/50R22.5 IMP	AG20	600	1170	525	3527	161D	4	10638	8325		7308	6984	6290	5596	4949	4625	4209
		23.6	46.1	20.7	138.9			58	23450	18350		16110	15400	13870	12340	10910	10200
710/40R22.5IMP	AG24	702	1161	530	3612	162D	4	10925	8550	8218	7505	7173	6460	5748	5083	4750	4323
		27.6	45.7	20.9	142.2			58	24085	18850	18118	16546	15814	14242	12672	11206	10472

## AGRIFLEX+ 881

1-2

SG

AS

STUBBLE GUARD

ALL STEEL



Agriflex+ 881 is the latest addition to Alliance's engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry upto 40% more load at the same amount of pressure while ensuring minimum soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (kmph/mph)							
		mm in	mm in	mm in	mm in	mm in		mm in	mm in	mm in	mm in	mm in	mm in		
		mm in	mm in	mm in	mm in	mm in		mm in	mm in	mm in	mm in	mm in	mm in	mm in	
VF445/65R22.5	14.00	444	1150	500.8	3450	176D	5.4	16330	12780	11220	10720	9660	8590	7600	7100
		17.5	45.3	19.7	135.8			78	36000	28180	24740	23630	21300	18940	16760
VF255/70R22.5	7.5	255	930	407.7	2784	149D	5.4	7480	5850	5360	4910	4420	3930	3480	3250
		10	37	16	110			78	16480	12890	11810	10810	9740	8660	7670
VF295/75R22.5	8.25	298	1014	452.4	3372	155D	4.8	8910	6980	6120	5850	5270	4690	4150	3875
		11.7	39.9	17.8	132.8			70	19640	15390	13490	12900	11620	10340	9150
VF385/65R22.5						165D		-----UNDER DEVELOPMENT-----							

# AGRIFLEX+ 381

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Agriflex + is a VFsteel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
		mm in	mm in					mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31
VF445/50R22.5	AG14.00x22.5	437	1016	454	3123	167D	6.7	12540	9810	8610	8230	7410	6590	5830	5450
		17.2	40	17.9	123		97	27620	21610	18960	18130	16320	14520	12840	12000

# AGRIFLEX+ 389

FLOTATION

HF-2

SB

STEEL BELTED



Alliance Agriflex+ 389 VFintroduces the next level of innovation: the world's first VFflotation tire offers the possibility to be operated at 30% lower inflation pressure as a conventional flotation tire. Our goal at Alliance is to develop tires that solve real problems in the field. With Agriflex+ 389 we have trailer tires which allow to mirror the pressure of VFtires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



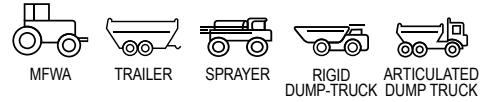
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
		mm in	mm in					mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37
VF500/50R17	16.00x17	495	932	398	2786	150D	3.2	7040	5860	5160	4920	4460	3990	3550	3350	3120
		19.5	36.7	15.7	109.7		46	15520	12920	11380	10850	9830	8800	7830	7390	6880
VF500/60R22.5	AG16.00	503	1172	533	3536	155D	4	7720	6210		5340	4880	4430	4010	3785	
		19.8	46.1	21	139.2		58	17020	13690		11770	10760	9770	8840	8340	
VF560/60R22.5 IMP	AG16.00	565	1250	538	3759	163D	2.8	10240	8530	7510	7170	6480	5800	5170	4875	4530
		22.2	49.2	21.2	148		41	22575	18805	16557	15807	14286	12787	11398	10748	9987
VF600/55R26.5	AG20.00	629	1348	587	4064	167D	2.8	11450	9540	8390	8010	7250	6490	5780	5450	5070
		24.8	53.1	23.1	160		41	25220	21010	18480	17640	15970	14300	12730	12000	11170
VF650/55R26.5	AG20.00	550	1384	600	4173	171D	2.8	13350	11070	9720	9290	8360	7440	6580	6150	5720
		21.6	54.5	23.6	164.3		41	29410	24380	21410	20460	18410	16390	14490	13550	12600
VF650/60R26.5 IMP	AG 20.00	665	1453	622	4390	174D	2.8	14070	11730	10320	9850	8910	7970	7100	6700	6230
		26.2	57.2	24.5	172.8		41	31020	25860	22750	21720	19640	17570	15650	14770	13740
VF710/50R26.5	AG24.00	732	1400	602	4271	173D	2.8	13650	11380	10010	9560	8650	7740	6890	6500	6050
		28.8	55.1	23.7	168.1		41	30070	25070	22050	21060	19050	17050	15180	14320	13330
VF750/45R26.5 IMP	AG24.00	754	1360	589	4086	172D	2.8	13230	11030	9700	9260	8380	7500	6680	6300	5860
		29.7	53.5	23.2	160.9		41	29167	24317	21385	20415	18475	16535	14727	13889	12919
VF750/60R30.5 IMP	AG24.00	780	1680	721	5071	183D	2.8	18380	15310	13480	12860	11640	10410	9280	8750	8140
		30.7	66.1	28.4	199.7		41	40521	33753	29718	28351	25662	22950	20459	19290	17946
VF800/60R32 IMP	DW27B	800	1800	778	5465	188D	2.8	21000	17500	15400	14700	13300	11900	10600	10000	9300
		31.5	70.9	30.6	215.2		41	46300	38580	33950	32410	29320	26240	23370	22050	20500

# BIAS FLOTATION

## 331 FLOTATION

FLOTATION

I-3



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)							Free rolling				Drive Wheel									
		SW	OD	10	25				40	50	10	25	40	50								
		mm in	mm in	6	16				25	31	6	16	25	31								
500/60-22.5 Steel Belted	16.00DC	503 19.8	1172 46.1	519 20.4	3472 136.7	8	149A8	1.6 23	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450						
							146 B															
							136A8															
							132 B															
						12	157A8	2.4 35	5780 12730	4910 10810	4125 9090	3710 8170	4060 8940	3450 7600	2900 6390	2610 5750						
							154 B															
							145A8															
							142 B															
						16	163A8	3.2 46	6830 15040	5800 12780	4875 10740	4390 9670	4830 10640	4110 9050	3450 7600	3110 6850						
							159 B															
							151A8															
							148 B															
550/45-22.5 Steel Belted	17 16.00DC 18.00DC 20.00DC	550 21.7	1070 42.1	487 19.2	3211 126.4	8	145A8	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960						
							142 B															
							132A8															
							128 B															
						12	153A8	2.1 30	5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110						
							149 B															
							141A8															
							137 B															
						16	159A8	3.2 46.41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100						
							156 B															
							147A8															
							143 B															
22	166A8	4 58	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440												
	162B																					
	154A8																					
	150B																					
550/60-22.5	17 16.00DC	550 21.7	1238 48.7	539 21.2	3738 147.2	8	153A8	1.4 20	5110 11260	4340 9560	3650 8040	3290 7250	3500 7710	2980 6560	2500 5510	2250 4960						
							150 B															
							140A8															
							136 B															
						16	167A8	3.0 43.51	7630 16810	6490 14300	5450 12000	4910 10810	5250 11560	4460 9820	3750 8260	3380 7440						
							163 B															
							154A8															
							150 B															
						600/40-22.5 Steel Belted	20.00DC	600 23.6	1090 42.9	480 18.9	3356 132.1	12	154A8	2.1 30	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260
													150 B									
													142A8									
													138 B									
16	160A8	2.8 41	6300 13880	5360 11810	4500 9910							4050 8920	4410 9710	3750 8260	3150 6940	2840 6260						
	157 B																					
	148A8																					
	144 B																					



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)				Drive Wheel			
		mm	mm	10	25		40	50	10	25	40	50				
		in	in	6	16		25	31	6	16	25	31				
600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3472 136.7	16	165A8	2.6 38	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250
							161 B									
							153A8									
							149 B									
600/55-22.5	20.00DC	602 23.7	1270 50	533 21	3580 140.9	12	164A8	2 29	7000 15420	5950 13110	5000 11010	4500 9910	4830 10640	4110 9050	3450 7600	3110 6850
							160 B									
							151A8									
						16	148 B	2.6 38	8120 17890	6900 15200	5800 12780	5220 11500	5600 12330	4760 10480	4000 8810	3600 7930
							169A8									
							166 B									
700/40-22.5	22 24.00DC	700 27.6	1170 46.1	509 20.0	3507 138.1	12	160A8	1.7 25	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260
							157 B									
							148A8									
						16	144 B	2.7 39.16	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
							166A8									
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	4109 161.8	16	162 B	2.4 35	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							174A8									
							170 B									
							162A8									
500/60-26.5 Steel Belted	16.00DC	500 19.7	1270 50	560 22	3838 151.1	12	158A8	2.4 35	5950 13110	5060 11150	4250 9360	3830 8440	4200 9250	3570 7860	3000 6610	2700 5950
							155 B									
							146A8									
						16	143 B	3.2 46	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250
							165A8									
600/50-26.5	20.00DC	600 23.6	1270 50	560 22	3694 145.4	16	161 B	2.6 38	7630 16810	6490 14300	5450 12000	4910 10810	5430 11960	4610 10150	3875 8540	3490 7690
							167A8									
							163 B									
							155A8									
600/55-26.5	20.00DC	591 23.3	1333 52.5	583 23	3928 154.6	12	151 B	2 29	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250
							165A8									
							161 B									
						16	153A8	2.6 38	8400 18500	7140 15730	6000 13220	5400 11890	6130 13500	5210 11480	4375 9640	3940 8680
							149 B									
							170A8									
700/40-26.5	24.00DC	700 27.6	1270 50	560 22	3690 145.3	8	167A8	1.1 16	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260
							150 B									
							142A8									
						16	139 B	2.2 32	7840 17270	6660 14670	5600 12330	5040 11100	5600 12330	4760 10480	4000 8810	3600 7930
							168A8									
							164 B									



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																							
		SW	OD						Speed, km/h (mph)																							
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel																					
							10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31																		
700/50-26.5	22 24.00DC	700 27.6	1333 52.5	580 22.8	4056 159.7	8	160A8	1.2 17	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260																
							148A8																									
							144 B																									
							174A8																									
							170 B										2.6 37.71	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430							
							162A8																									
							158 B																									
							800/45-26.5 Steel Belted										28.00DC	800 31.5	1393 54.8	614 24.2	4051 159.5	8	162A8	1.1 16	6650 14650	5650 12440	4750 10460	4280 9430	4690 10330	3990 8790	3350 7380	3020 6650
																							158 B									
																							150A8									
146 B																																
12	158A8	1.7 25	8400 18500	7140 15730	6000 13220	5400 11890		5950 13110	5060 11150	4250 9360	3830 8440																					
	155 B																															
16	177A8	2.2 32	10220 22510	8690 19140	7300 16080	5450 12000		7000 15420	5950 13110	5000 11010	4500 9910																					
	173B																															
	164A8																															
	160 B																															
600/60-30.5 Steel Belted	20.00DC	600 23.6	1500 59.1	655 25.8	4340 170.9	8	159A8	1.3 19	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100																
							156 B																									
							147A8																									
							143 B																									
							12										169A8	2 29	8120 17890	6900 15200	5800 12780	5450 12000	5600 12330	4760 10480	4000 8810	3600 7930						
																	165 B															
							16										156A8	2.6 38	9380 20660	7970 17560	6700 14760	5450 12000	6480 14270	5500 12110	4625 10190	4160 9160						
																	170 B															
																	161A8															
																	157 B															
700/50-30.5 Steel Belted	24.00DC	700 27.6	1500 59	650 25.6	4380 172.4	16	176A8	2.2 32	9940 21890	8450 18610	7100 15640	5450 12000	6830 15040	5800 12780	4875 10740	4390 9670																
							172 B																									
							163A8																									
							159 B																									
800/45-30.5 Steel Belted	28.00DC	800 31.5	1500 59.1	655 25.8	4561 179.6	16	179A8	2.2 32	10850 23900	9220 20310	7750 17070	5450 12000	7630 16810	6490 14300	5450 12000	4910 10810																
							175 B																									
							167A8																									
							163 B																									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Mixed application											
						Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31			
600/40-22.5	AG20.00	600	1090	505	3356	169A8	6	9570	8990	7710	7310	6900	6500	6150	5800	5220	
		23.6	42.9	19.9	132.1	173A6	87	21100	19820	17000	16120	15210	14330	13560	12790	11510	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
		mm	mm	mm	mm	Drive Wheel					Free Rolling										
						Bar psi	Static kmph	15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	Static kmph	15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	
500/60-22.5	AG16.00	503	1172	513	3540	16	3.2	8108	4589	4347	4106	3864	3450	3105	8044	6484	6143	5801	5460	4875	4388
		19.8	46.1	20.2	139.4	163A8/159B 151A8/148B	46	17880	10120	9580	9050	8520	7610	6850	17730	14300	13540	12790	12040	10750	9670

# 331 RADIAL

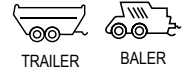
**SB**  
STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Mixed application					
						Bar psi	Static	10 6	25 16	30 19	40 25	50 31	
600/45R22.5 Steel Belted	AG20.00	608	1152	511	3502	165A8	4	12100	7210	6130	5770	5150	4640
		23.9	45.4	20.1	137.9	161B	58	26650	15880	13500	12710	11340	10220
710/50R30.5 Steel Belted	AG 24.00	700	1500	674	4538	176D	4	16330	12780	11220	10720	9660	8590
		27.6	59.1	26.5	178.7		58	35970	28150	24710	23610	21280	18920

# 328

I-3

FLOTATION



Alliance 328 HS (High Speed Flotation) is designed with good self-cleaning characteristics, which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance both, on and off-road. The tire is available in heavy and regular duty versions of flotation tires. Its strong nylon construction and compounds ensure long life.



# 328 HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling								
		SW	OD						Recommend load, kg (lbs)								
		mm in	mm in						Speed, km/h (mph)								
							bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44		
500/45-22.5	16.00DC	500	1030	475.9	3088		149D	3.6	5850	5360	4910	4420	3930	3480	3250	2960	
		19.7	40.6	18.7	121.6		146E	52	12900	11820	10830	9740	8660	7670	7170	6530	
500/60-22.5	AG16.00	500	1170	530	3539	8	142 D	1.6	4550	4100	3640	3250	2930	2760	2680	2575	
							141 E	23	10020	9030	8020	7160	6450	6080	5900	5670	
							12	150 D	2.4	5780	5200	4620	4125	3710	3510	3400	3250
							149 E	35	12730	11450	10180	9090	8170	7730	7490	7160	
						16	156 D	3.2	6790	6110	5430	4850	4370	4120	4000	3875	
							155 E	46	14960	13460	11960	10680	9630	9070	8810	8540	
550/45-22.5	16.00DC	550	1070	476	3175	16	151 E	2.8	6130	5510	4900	4375	3940	3720	3610	3450	
							18.00 DC	21.7	42.1	18.7	125	156 B	41	13500	12140	10790	9640
550/60-22.5	16.00DC	550	1238	540	3765	8	146D	1.4	5110	4600	4090	3650	3290	3100	3010	2900	
							145 E	20	11260	10130	9010	8040	7250	6830	6630	6390	
							12	154D	2.1	6300	5670	5040	4500	4050	3830	3710	3650
							153 E	30	13880	12490	11100	9910	8920	8440	8170	8040	
							16	160D	2.8	7630	6870	6100	5450	4910	4630	4500	4375
							159 E	41	16810	15130	13440	12000	10810	10200	9910	9640	
						20	166D	3.6	8990	8090	7190	6420	5780	5460	5300	-	
							155 E	52	19800	17820	15840	14140	12730	12030	11670	-	
600/50-22.5	AG 20.00	600	1170	520	3450	8	145 D	1.3	4830	4350	3860	3450	3110	2930	2850	2800	
							144 E	19	10640	9580	8500	7600	6850	6450	6280	6170	
							12	153 D	2	6130	5510	4900	4375	3940	3720	3610	3550
							152 E	29	13500	12140	10790	9640	8680	8190	7950	7820	
						16	158 D	2.6	7210	6490	5770	5150	4640	4380	4250	4125	
							157 E	38	15880	14300	12710	11340	10220	9650	9360	9090	
600/55-22.5	AG20.00	600	1270	550	3830	8	149 D	1.4	5600	5040	4480	4000	3600	3400	3300	3150	
							148 E	20	12330	11100	9870	8810	7930	7490	7270	6940	
							12	157 D	2.1	7000	6300	5600	5000	4500	4250	4130	4000
							156 E	30	15420	13880	12330	11010	9910	9360	9100	8810	
						16	162 D	2.8	8120	7310	6500	5800	5220	4930	4790	4625	
							161 E	41	17890	16100	14320	12780	11500	10860	10550	10190	
700/40-22.5	AG24.00	700	1170	510	3486	8	145 D	1.1	4970	4470	3980	3550	3200	3020	2930	2800	
							144 E	16	10950	9850	8770	7820	7050	6650	6450	6170	
							12	153 D	2	6300	5670	5040	4500	4050	3830	3710	3550
							152 E	29	13880	12490	11100	9910	8920	8440	8170	7820	
						16	159 D	2.6	7420	6680	5940	5300	4770	4510	4370	4250	
							158 E	38	16340	14710	13080	11670	10510	9930	9630	9360	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling								
		SW	OD						Recommend load, kg (lbs)								
		mm in	mm in	Speed, km/h (mph)													
				10 6	20 12			30 19	40 25	50 31	60 37	65 40	70 44				
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3790 149.2	8	152E	1.2	6130	5510	4900	4375	3940	3720	3610	3550	
							156 B	17	13500	12140	10790	9640	8680	8190	7950	7820	
							160 E	2.2	7840	7060	6270	5600	5040	4760	4620	4500	
							164 B	32	17270	15550	13810	12330	11100	10480	10180	9910	
							166 E	2.8	9380	8440	7500	6700	6030	5700	5530	5300	
						167D	41	20660	18590	16520	14760	13280	12560	12180	11670		
600/55-26.5	20.00DC	600 23.6	1333 52.5	580 22.8	3850 151.6	8	149C	1.3	5600	5040	4480	4000	3600	3250	-	-	
							153B	19	12330	11100	9870	8810	7930	7160	-	-	
							12	157C	2	7210	6490	5770	5150	4640	4125	-	-
							161B	29	15880	14300	12710	11340	10220	9090	-	-	
							16	163C	2.6	8400	7560	6720	6000	5400	4875	-	-
						167B	38	18500	16650	14800	13220	11890	10740	-	-		
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	8	153 C	1.2	6300	5670	5040	4500	4050	3650	-	-	
							156 B	17	13880	12490	11100	9910	8920	8040	-	-	
							12	161 C	1.8	8120	7310	6500	5800	5220	4625	-	-
							165 B	26	17890	16100	14320	12780	11500	10190	-	-	
							16	166C	2.4	9380	8440	7500	6700	6030	5300	-	-
						170B	35	20660	18590	16520	14760	1328	11670	-	-		
750/60-30.5 Special for high speed implement	24.00DC	750 29.5	1670 65.7	720 28.3	5040 198.4	16	172D	2.5	11340	10400	9510	8570	7620	6740	6300	-	
							179B	36	24980	22910	20950	18880	3460	14850	13880	-	

## 328 HEAVY DUTY FLOTATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Static	10 6		15 9	20 12	25 16	30 19	35 22	40 25	50 31				
				bar psi													
700/40-22.5	24.00 DC	700 27.6	1230 48.4	559 22	3486 137.3	177A6	6	10730 23630	10080 22200	8650 19050	8190 18040	7740 17050	7300 16080	6900 15200	6500 14320	5850 12890	
						175A7											87
						173A8											
700/50-22.5 for bailer app. free rolling	24.00 DC	700 27.6	1270 50	550 21.7	3790 149.2	16	2.8	11060 24360	10390 22890	8910 19630	8440 18590	7970 17560	7500 16520	7040 15510	6700 14760	6030 13280	
						174A8											41
						170 B											
						162A8											
						158B											

## 328 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																	
		SW	OD						Free rolling				Drive Wheel													
		mm in	mm in	10 6	25 16			40 25	50 31	10 6	25 16	40 25	50 31													
				bar psi																						
#400/55-22.5	AG11.75 13.00DC	401 15.8	1030 40.6	455 17.9	3102 122.1	12	146A8	3	4200 9250	3570 7860	3000 6610	2700 5950	2970 6540	2520 5550	2120 4670	1910 4210										
							143 B										44									
							134A8																			
							130 B																			
							16										152A8	4	3500 7720	2980 6570	2500 5510	2250 4960	4970 10960	4220 9300	3550 7830	3200 7060
							149 B										58									
							140A8																			
							136 B																			
400/60-22.5	11.75	400 15.7	1070 42.1	472 18.6	3140 123.6	18	154A8	4.5	5600 12320	4760 10494	4000 8800	3600 7920	3920 8624	3330 7326	2800 6160	2520 5544										
							144A8																			
							160A8										4.3	6300 13890	5350 11795	4500 9920	4000 8820	4410 9720	3750 8265	3150 6945	2800 6170	
							156B																			
148A8																										
						144B																				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																														
		SW	OD						Speed, km/h (mph)																														
		mm in	mm in	Free rolling					Drive Wheel																														
		mm in	mm in	10 6	25 16				40 25	50 31	10 6	25 16	40 25	50 31																									
500/45-22.5 Steel Belted	16.00DC	500 19.7	1030 40.6	472 18.6	3000 118.1	12	148A8	→	2.8 40	4410 9710	3750 8260	3150 6940	2840 6260	3140 6920	2670 5880	2240 4930	2020 4450																						
							148B	→																															
							136A8	→																															
							132B	→																															
							154A8	→																															
							150B	→																															
		16	142A8	→	3.6 52	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260																										
			138B	→	4.2 61	5780 12716	4910 10802	4125 9075	3712.5 8168	4060 8932	3450 7590	2900 6380	2610 5742																										
			157A8	→																																			
			145A8	→																																			
			18	157A8										→	4.2 61	4060 12716	3450 10802	2900 9075	2610 8168	5780 8932	4910 7590	4125 6380	3710 5742																
				145A8										→	4.2 61	4060 12716	3450 10802	2900 9075	2610 8168	5780 8932	4910 7590	4125 6380	3710 5742																
#500/45-22.5	AG16.00 x22.5	500 19.7	1030 40.6	455 17.9										3153 124.1	18	157A8	→	4.2 61	4060 8950	3450 7610	2900 6390	2610 5750	5780 12740	4910 10830	4125 9090	3710 8180													
500/60-22.5	AG16.00 16.00DC	500 19.7	1170 46.1	503.85 19.8	3455 136.0	8	136A8	→	1.6 23	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450																						
							132 B	→																															
							12	157A8										→	2.4 35	5780 12730	4910 10810	4125 9090	3710 8170	4060 8940	3450 7600	2900 6390	2610 5750												
								154 B										→																					
								145A8										→																					
								142 B										→																					
						16		163A8	→	3.2 46	6830 15040	5800 12780	4875 10740	4390 9670	4830 10640	4110 9050	3450 7600	3110 6850																					
								159 B	→																														
							151A8	→																															
							148 B	→																															
							18	165A8	→										3.5 51	7210 15862	6130 13486	5150 11330	4640 10208	5110 11242	4340 9548	3650 8030	3285 7227												
								161B	→																														
		153A8	→																																				
		149B	→																																				
		16	163A8	→	3.6 52	4830 10650		4110 9060	3450 7610	3105 6850	6830 15060	5800 12790	4875 10750	4390 9680																									
			151A8	→																																			
			18	165A8			→								3.6 52	5110 11270	4340 9570	3650 8050	3285 7240	7210 15900	6130 13510	5150 11350	4640 10230																
				153A8			→																																
550/45-22.5	16.00DC 18.00 DC			550 21.7			1070 42.1																	470 18.5	3105 122.2	8	145A8	→	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960		
																											142B	→											
		132A8			→																																		
		128B			→																																		
		12	153A8		→	2.1 30		5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110																								
			149B		→																																		
			141A8		→																																		
			137B		→																																		
			16		159A8											→	2.8 41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060			3075 6770	2770 6100												
					156B											→																							
		147A8			→																																		
		143B			→																																		
		20		165A8	→	3.6 52	7210 15862	6130 13486	5150 11330	4635 10197	5110 11242	4340 9548	3650 8030	3285 7227																									
				153A8	→																																		
			20	165A8	→										3.6 52	5110 11270	4340 9570	3650 8050	3285 7240	7210 15900	6130 13510	5150 11350	4640 10230																
				153A8	→																																		
				550/60-22.5	16.00DC																			550 21.7	1238 48.7	540 21.3	3765 148.2	12	160A8	→	2.3 33	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260
																													156B	→									
148A8	→																																						
144B	→																																						
16	166A8	→	3 44			7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440																										
	162B	→																																					
	154A8	→																																					
	150B	→																																					

Size with # is available in C marked which is best fit for sugarcane application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling					Drive Wheel									
				10 6	25 16				40 25	50 31	10 6	25 16	40 25	50 31				
600/50-22.5	20.00DC	600 23.6	1170 46.1	510 20.1	3448 135.8	8	144A8	→	1.4	3920	3330	2800	2520	2800	2380	2000	1800	
							140B	→	20	8624	7326	6160	5544	6160	5236	4400	3960	
							132A8	○										
							128B	○										
							159A8	→										
							156 B	→	2	6130	5210	4375	3940	4310	3660	3075	2770	
		12	147A8	○	29	13500	11480	9640	8680	9490	8060	6770	6100					
			144 B	○														
			16	165A8	→													
				161 B	→	2.6	7210	6130	5150	4640	5110	4340	3650	3290				
				153A8	○	38	15880	13500	11340	10220	11260	9560	8040	7250				
			18	149 B	○													
168A8	→	3.2		5600	4760	4000	3600	7840	6660	5600	5040							
156A8	○	46		12350	10490	8820	7940	17280	14680	12350	11110							
600/55-22.5	AG20.00 20.00DC	600 23.6	1270 50	532 20.9	3758 148.0	8	156A8	→	1.3	5600	4760	4000	3600	3920	3330	2800	2520	
							153 B	→	19	12330	10480	8810	7930	8630	7330	6170	5550	
							144A8	○										
							140 B	○										
							12	164A8	→									
								160 B	→	2	7000	5950	5000	4500	4830	4110	3450	3110
		151A8	○	29	15420	13110		11010	9910	10640	9050	7600	6850					
		16	148 B	○														
			169A8	→														
			166 B	→	2.6	8120	6900	5800	5220	5600	4760	4000	3600					
		16	156A8	○	38	17890	15200	12780	11500	12330	10480	8810	7930					
			153 B	○														
166A8	→																	
162 B	→		2.6	7420	6310	5300	4770	5250	4460	3750	3380							
159D	○		38	16340	13900	11670	10510	11560	9820	8260	7440							
158E	○																	
18	156A8	○	3.4	7840	6660	5600	5040	5600	4760	4000	3600							
	153 B	○	49	17270	14670	12330	11100	12330	10480	8810	7930							
	174A8	→																
	170 B	→	2.8	9380	7970	6700	6030	6650	5650	4750	4280							
	162A8	○	41	20660	17560	14760	13280	14650	12440	10460	9430							
	158 B	○																
700/40-22.5	22.00 24.00DC	700 27.6	1170 46.1	524 20.6	3512 138.3	16	166A8	→										
							162 B	→	2.6	7420	6310	5300	4770	5250	4460	3750	3380	
							159D	○	38	16340	13900	11670	10510	11560	9820	8260	7440	
							158E	○										
							18	156A8	○	3.4	7840	6660	5600	5040	5600	4760	4000	3600
								153 B	○	49	17270	14670	12330	11100	12330	10480	8810	7930
174A8	→																	
700/50-22.5	22 24.00DC	700 27.6	1270 50	541 21.3	3882 152.8	16	170 B	→	2.8	9380	7970	6700	6030	6650	5650	4750	4280	
							162A8	○	41	20660	17560	14760	13280	14650	12440	10460	9430	
							158 B	○										
							12	165A8	→									
								161 B	→	2	7210	6130	5150	4640	5110	4340	3650	3290
								153A8	○	29	15880	13500	11340	10220	11260	9560	8040	7250
16	149 B	○																
	170A8	→																
	167 B	→	2.6	8400	7140	6000	5400	6130	5210	4375	3940							
16	159A8	○	38	18500	15730	13220	11890	13500	11480	9640	8680							
	156 B	○																
	174A8	→	2.4	9380	7970	6700	6030	6650	5650	4750	4280							
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	16	170 B	→	35	20660	17560	14760	13280	14650	12440	10460	9430	
							162A8	○										
							158 B	○										
							8	162A8	→	1.1	6650	5650	4750	4280	4690	3990	3350	3020
								150A8	○	16	14650	12440	10460	9430	10330	8790	7380	6650
								146 B	○									
800/45-26.5	28.00DC	800 31.5	1393 54.8	614 24.2	4050 159.4	16	177A8	→	2.2	10220	8690	7300	6570	7000	5950	5000	4500	
							173B	→	32	22510	19140	16080	14470	15420	13110	11010	9910	
							164A8	○										
							160 B	○										
							8	166A8	→	1.1	7420	6310	5300	4770	5250	4460	3750	3380
								154A8	○	16	16340	13900	11670	10510	11560	9820	8260	7440
150 B	○																	
650/60-30.5	20.00DC	650 25.6	1670 65.7	704.45 27.7	4860 191.3	12	174A8	→										
							170 B	→	1.7	9380	7970	6700	6030	6650	5650	4750	4280	
							162A8	○	25	20660	17560	14760	13280	14650	12440	10460	9430	
							158 B	○										
							16	179A8	→									
								175 B	→	2.2	10850	9220	7750	6980	7630	6490	5450	4910
167A8	○	32	23900	20310	17070	15370		16810	14300	12000	10810							
16	163 B	○																
	182A8	→																
	179 B	→	2.2	11900	10120	8500	7650	8400	7140	6000	5400							
16	170A8	○	32	26210	22290	18720	16850	18500	15730	13220	11890							
	167 B	○																
	167 B	○																

Size with # is available in C marked which is best fit for sugarcane application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling				Drive Wheel										
		mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31							
800/45-30.5	AG24.00 28.00DC	800 31.5	1500 59.1	662 26.1	4451 175.2	16	178A8	2.4	10500	8930	7500	6750	7420	6310	5300	4770		
							174B	35	23100	19646	16500	14850	16324	13882	11660	10494		
							166A8											
							162B											
850/50-30.5 18 PR - LMS	28.00DC	850 33.5	1670 65.7	720 28.3	4790 188.6	12	168A8	1.5	11200	9520	8000	7200	7840	6660	5600	5040		
							164 B	22	24670	20970	17620	15860	17270	14670	12330	11100		
						16	186A8											
							182 B	2.2	13300	11310	9500	8550	9380	7970	6700	6030		
						18	174A8	32	29300	24910	20930	18830	20660	17560	14760	13280		
							170 B											
							193A8											
							189B	3	16100	13690	11500	10350	11270	9580	8050	7250		
180A8	44	35460	30150	25330	22800	24820	21100	17730	15970									
177 B																		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)										
		SW	OD					Free rolling					Drive Wheel					
		mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	25 16	30 19	40 25	50 31	10 6	25 16	30 19	40 25	50 31
		550/60-22.5	AG16.00X22.5	550 21.7	1238 48.7	529.6 20.9	3587 141.2	160A8 148A8	12	2.4	6300	5360	5040	4500	4050	4410	3750	3530
35	13889								11817	11111	9921	8929	9722	8267	7782	6945	6261	
750/60-30.5	24	750 29.5	1670 65.7	715 28.1	5013 197.4	182A8 179B 182A8 179B	16	2.2	11900	10120	9520	8500	7650	8400	7140	6720	6000	5400
							32	26240	22310	20990	18740	16870	18520	15740	14820	13230	11910	

## 328 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Free rolling								
		SW	OD					Recommend load, kg (lbs)								
		mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
		500/50R17	16.00	494 19.4	960 37.8	425 16.7	2867 112.9	145D	4	6670	5220	4580	4380	3940	3510	3100
58	14710								11510	10100	9660	8690	7740	6830	6390	

## 328 AGRI TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)												
		SW	OD					Drive Wheel					Free Rolling							
		mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h
		400/55-22.5	AG11.75 AG13.00, 13.00 12.25	401 15.8	1030 40.6	470 18.5	3102 122.1	16	4	3500	2980	2800	2500	2250	4970	4220	3980	3550	3200	
58	7720								6570	6170	5510	4960	10960	9300	8770	7830	7060			
400/55-22.5 (C)	13.00DC	401 15.8	1030 40.6	483 19	3171 124.8	16 152A8 149B	4	3500	2980	2800	2500	2250	4970	4220	3980	3550	3200			
							58	7720	6570	6170	5510	4960	10960	9300	8770	7830	7060			
400/60-22.5	13 11.75	424 16.7	1067 42	471 18.5	3125 123	18 160A8 (156B) 148A8 (144B)	4	6300	5360	5040	4500	4050	4410	3750	3530	3150	2840			
							58	13890	11820	11110	9920	8930	9720	8270	7780	6950	6260			
500/45-22.5 (C)	AG16.00	500 19.7	1030 40.6	476 18.7	3153 124.1	18	4.2	4060	3450	3250	2900	2610	5780	4910	4620	4125	3710			
							61	8950	7610	7170	6390	5750	12740	10830	10190	9090	8180			



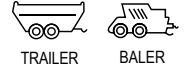
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	mm in	mm in	Drive Wheel					Free Rolling								
						bar psi	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	25 km/h	30 km/h	40 km/h	50 km/h	
500/45-22.5	AG16.00 16.00DC	500	1030	472	3096	12	2.7		3140	2670	2510	2240	2020	4410	3750	3530	3150	2840	
		19.7	40.6	18.6	121.9		39		6920	5890	5530	4940	4450	9720	8270	7780	6950	6260	
500/45-22.5 (KRONE)	W12	500	1030	472	3131	16	3.6		3710	3150	2970	2650	2390	5250	4460	4200	3750	3380	
		19.7	40.6	18.6	123.3	154A8 150B	52		8180	6950	6550	5840	5270	11570	9830	9260	8270	7450	
500/45-22.5	16	500	1050	484	3187	16	3.6	6228	3710	3154	2968	2650	2385	6188	5250	4463	4200	3750	
		19.7	41.3	19.1	125.5		52	13730	8180	6950	6540	5840	5260	13640	11570	9840	9260	8270	
550/45-22.5 C	16	550	1070	478	3229	20	3.6		5110	4340	4090	3650	3290	7210	6130	5770	5150	4640	
		21.7	42.1	18.8	127.1	165A8 (161B) 153A8 (149B)	52		11270	9570	9020	8050	7250	15900	13510	12720	11350	10230	
550/45-22.5 C	16	550	1070	476	3175	16	2.8		4310	3660	3440	3075	2770	6130	5210	4900	4375	3940	
		21.7	42.1	18.7	125	159A8 (156B) 147A8 (144B)	41		9500	8070	7580	6780	6110	13510	11490	10800	9650	8690	
550/45-22.5	16	550	1070	476	3151	18	3.2		4690	3990	3750	3350	3020	6650	5650	5320	4750	4280	
		21.7	42.1	18.7	124.1	162A8 158B	46		10340	8800	8270	7390	6660	14660	12460	11730	10470	9440	
550/45-22.5	AG16.00	550	1070	478	3229	20	3.6		5110	4340	4090	3650	3290	7210	6130	5770	5150	4640	
		21.7	42.1	18.8	127.1	165A8 161B	52		11270	9570	9020	8050	7250	15900	13510	12720	11350	10230	
550/60-22.5	17.00 16.00DC AG16.00	550	1238	555	3705	16	3		5250	4460	4200	3750	3380	7420	6310	5940	5300	4770	
		21.7	48.7	21.9	145.9		44		11570	9830	9260	8270	7450	16360	13910	13100	11680	10520	
550/60-22.5	AG16.00	565	1250	505	3668	12	3		4410	3750	3530	3150	2840	6300	5360	5040	4500	4050	
		22.2	49.2	19.9	144.4		44		9720	8270	7780	6950	6260	13890	11820	11110	9920	8930	
600/50-22.5	AG20.00 20DC	600	1170	506	3408	12	2		4310	3660	3440	3075	2770	6130	5210	4900	4375	3940	
		23.6	46.1	19.9	134.2		29		9500	8070	7580	6780	6110	13510	11490	10800	9650	8690	
600/50-22.5	AG20.00 20DC	600	1170	508	3443	8	1.2		2800	2380	2240	2000	1800	3920	3330	3140	2800	2520	
		23.6	46.1	20	135.6		17		6170	5250	4940	4410	3970	8640	7340	6920	6170	5560	
600/50-22.5	AG20.00 20.00DC	600	1170	507	3450	16	4		3140	2670	2510	2240	2020	4410	3750	3530	3150	2840	
		23.6	46.1	20	135.8		58		6920	5890	5530	4940	4450	9720	8270	7780	6950	6260	
600/50-22.5 C	20	600	1170	518	3450	16	4		3140	2670	2510	2240	2020	4410	3750	3530	3150	2840	
		23.6	46.1	20.4	135.8		58		6920	5890	5530	4940	4450	9720	8270	7780	6950	6260	
600/55-22.5	20	600	1270	532	3758	12	2		4830	4110	3860	3450	3110	7000	5950	5600	5000	4500	
		23.6	50	20.9	148		29		10650	9060	8510	7610	6860	15430	13120	12350	11020	9920	
700/40-22.5	22.00 AG24.00	700	1170	524	3512	16	2.6		4310	3660	3440	3075	2770	6130	5210	4900	4375	3940	
		27.6	46.1	20.6	138.3		38		9500	8070	7580	6780	6110	13510	11490	10800	9650	8690	
700/50-22.5	AG24.00 24.00	700	1270	548	3785	16	2.8		6650	5650	5320	4750	4280	9380	7970	7500	6700	6030	
		27.6	50	21.6	149														
700/50-22.5	22 24.00DC	700	1270	541	3882	16	2.8		6650	5650	5320	4750	4280	9380	7970	7500	6700	6030	
		27.6	50	21.3	152.8		41		14660	12460	11730	10470	9440	20680	17570	16540	14770	13290	
700/50-26.5	24.00DC 22	700	1333	601	3982	174A8 170B	2.4		11163	6650	5653	4750	4275	11055	9380	7973	6700	6030	
		27.6	52.5	23.7	156.8	162A8 158B	35		24610	14660	12460	10470	9430	24370	20680	17580	14770	13290	
750/60-30.5	24	750	1670	715	5013	16	2.2		8400	7140	6720	6000	5400	11900	10120	9520	8500	7650	
		29.5	65.7	28.1	197.4	182A8 179B	32		18520	15740	14820	13230	11910	26240	22310	20990	18740	16870	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
		mm in	mm in	mm in	mm in	Mixed Application															
						bar psi	Static	10 km/h	15 km/h	20 km/h	25 km/h	30 km/h	35 km/h	40 km/h	45 km/h	50 km/h	55 km/h	60 km/h	65 km/h	70 km/h	
700/50-22.5	16	700	1270	567	3790	167D(166E)	2.8	12535	9810	9429	8993	8611	8230	7848	7412	7031	6595	6213	5832	5450	4960
		27.6	50	22.3	149.2	155D(154E)	41	27640	21630	20790	19830	18980	18140	17300	16340	15500	14540	13700	12860	12020	10940

# 328 VALUE PLUS

1-3

FLOTATION



Alliance 328 VALUE PLUS is specially designed for low end applications like balers and other agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has good traction profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
		SW	OD						Speed, km/h (mph)				Drive Wheel														
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel																
		mm in	mm in	mm in	mm in		bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31												
400/55-22.5	13.00DC	401	1030	455	3150	16	152A8	4	4970	4220	3550	3200	3500	2980	2500	2250											
		15.8	40.6	17.9	124		149B										58	10950	9300	7820	7050	7710	6560	5510	4960		
							140A8																				
							136B																				
500/45-22.5	16.00DC	500	1030	455	3153	16	154A8	3.6	5250	4460	3750	3380	3710	3150	2650	2390											
		19.7	40.6	17.9	124.1		150B										52	11560	9820	8260	7440	8170	6940	5840	5260		
							142A8																				
							138B																				
500/60-22.5	16.00DC	500	1170	510	3460	16	163A8	3.2	4830	4110	4875	3450	6830	5800	4875	4390											
		19.7	46.1	20.1	136.2		159B										46	10650	9060	7610	6860	15060	12790	10750	9680		
							151A8																				
							148B																				
550/45-22.5	16.00DC 18.00DC	550	1070	470	3105	16	159A8	2.8	6130	5210	4375	3940	4310	3660	3075	2770											
		21.7	42.1	18.5	122.2		156B										41	13500	11480	9640	8680	9490	8060	6770	6100		
							147A8																				
							143B																				
550/60-22.5	16.00DC	550	1238	540	3765	16	166A8	3	7420	6310	5300	4770	5250	4460	3750	3380											
		21.7	48.7	21.3	148.2		162B										44	16340	13900	11670	10510	11560	9820	8260	7440		
							154A8																				
							150B																				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)													
		SW	OD					Drive Wheel					Free Rolling								
		mm in	mm in	mm in	mm in		mm in	mm in	bar psi	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h
		mm in	mm in	mm in	mm in		mm in	mm in	bar psi	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h	Static	10 km/h	20 km/h	30 km/h	40 km/h	50 km/h
360/65-16IMP (14.0/65-16IMP)	11.00 SDC11	353	870	384	2578	14 142A8 129A8	4	4348	2590	2331	2072	1850	1665	4373	3710	3339	2968	2650	2385		
		13.9	34.3	15.1	101.5		58	9590	5710	5140	4570	4080	3670	9640	8180	7360	6540	5840	5260		
550/60-22.5	AG16.00	550	1238	0	3710	16	3	8813	5250	4725	4200	3750	3375	8745	7420	6678	5936	5300	4770		
		21.7	48.7	0	146.1		44	19430	11570	10420	9260	8270	7440	19280	16360	14720	13090	11680	10520		

# 351 I-1



Alliance 351 is an implement tire with five-ribs designed for on and off road implement and trailer applications. The tire can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																																																				
		Speed, km/h (mph)							Free rolling				Drive Wheel																																																
		SW	OD						10	25	40	50	10	25	40	50																																													
		mm in	mm in						6	16	25	31	6	16	25	31																																													
11.25-24SL Steel Belted	W10H W10 W8 W8H	325	1171	530	3460	10	128A8	2.2	2520	2140	1800	1620	1750	1490	1250	1130																																													
							124 B																																																						
							116A8										32	5550	4710	3960	3570	3850	3280	2750	2490																																				
							112 B																																																						
							134A8																			2.7	2970	2520	2120	1910	2100	1790	1500	1350																											
							130 B																																																						
							122A8																												39	6540	5550	4670	4210	4630	3940	3300	2970																		
							119 B																																																						
							138A8																																					3.3	3300	2810	2360	2120	2310	1960	1650	1490									
							134 B																																																						
							125A8																																														48	7270	6190	5200	4670	5090	4320	3630	3280
							122 B																																																						
139A8	3.3	3400	2890	2430	2190	2380	2020	1700	1530																																																				
135 B																																																													
126A8										48	7490	6370	5350	4820	5240	4450	3740	3370																																											
123 B																																																													
142A8																			3.7	3710	3150	2650	2390	2590	2200	1850	1670																																		
138 B																																																													
129A8																												54	8170	6940	5840	5260	5700	4850	4070	3680																									
125 B																																																													

# 128 HF-2

FLOTATION



The Alliance 128 HS (High Speed Flotation) is designed with good self-cleaning characteristics which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. The unique tread design enables smooth and quiet ride on road as well as high traction off the road. Its strong nylon construction and compounds ensure long life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling																
		Recommend load, kg (lbs)							Speed, km/h (mph)																
		SW	OD						10	20	30	40	50	60	65	70									
		mm in	mm in						6	12	19	25	31	37	40	44									
800/35-22.5 HS	28.00DC	800	1170	525	3508	16	162D	2.6	8120	7310	6500	5800	5220	4930	4750	-									
	26.00DC						169A8										38	17890	16100	14320	12780	11500	10860	10460	-
	24.00DC																								

# 222 I-1



Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted on drive wheels.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)																	
		Speed, km/h (mph)						Drive Wheel						Free Rolling											
		SW	OD	Static	10	20		30	35	40	50	Static	10	20	30	35	40	50							
		mm in	mm in	mm in	mm in	mm in		mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in							
500/60-22.5	AG16.00 16.00, 15.00	550	1238	556	3841	16	2.8	8813	5250	4725	4411	3938	3750	3375	8993	7630	6867	6410	5723	5450	4905				
		21.7	48.7				21.9	151.2	41	19430	11570	10420	9730	8680	8270	7440	19830	16820	15140	14130	12620	12020	10810		
600/55-22.5	AG20.00 20.00DC	602	1235			16	2.6	9400	5600	5040	4704	4200	4000	3600	9570	8120	7308	6821	6090	5800	5220				
		23.7	48.6				38	20720	12350	11110	10370	9260	8820	7940	21100	17900	16110	15040	13430	12790	11510				



# 348 TracPRO R-1

348 TracPRO has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommend load									
		Speed						Tractor application									
		SW	OD	Static	5	10		15	20	25	30	35	40				
		mm in	mm in	mm in	mm in	mm in		mm in	mm in	mm in	mm in	mm in	mm in				
12.4-28	W11x28	315	1270	596.2	3835	12	2.5	3800	2810	2310	2150	1980	1770	1650	-	-	
	W10x28	12.4	50	23.5	151	A6		8378	6195	5093	4740	4365	3902	3638	-	-	
16.9-28	W15LX30	429	1435	645	4220	12	2.5	6270	4630	3820	3540	3270	2920	2725	2590	2450	
		16.9	56.5	25.4	166.1	143A6	36	13820	10210	8420	7800	7210	6440	6010	5710	5400	
16.9-30	W15L	429	1485	667	4370	12	2.4	6440		3920	3640	3360	3000	2800	2660	2520	
		16.9	58.5	26.3	172	144A6	35	14200		8640	8030	7410	6610	6170	5860	5560	

# 330 R-3



The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, design, and ozone resistant compounds provide long tread life. industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)	
		Speed, km/h (mph)						Drive Wheel	Cyclic Loading (FR)
		SW	OD	40	15				
		mm in	mm in	kmph	kmph				
620/75-30	DW20B	605	1680	760	4933	161A8	2.3	4625	7169
(23.1-30)	DW20A	23.8	66.1	29.9	194.2	164A8	2.6	5000	7750





**FRONT AND  
IMPLEMENT**

# TracPRO F-2

F-2



Alliance TracPRO F-2 tractor front tire displays better self cleaning because of the notches (3 Rib) on its shoulder. The specialised rib pattern ensures comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.

(3 Rib)

(Multi-Rib)



## TracPRO F-2 (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								mm in	mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	165	735	341	2206	8	4.4	10(1) (2) 6					
		6.5	28.9	13.4	86.9	94A6	64	1010	900	770	670	540	
6.50-16	4.50E	180	765	366.5	2333	8	4.2	1730	1130	1010	860	750	600
		7.1	30.1	14.4	91.9	98A6	61	3810	2490	2230	1900	1650	1320
7.50-16	5.05F	205	805	385.75	2483	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	15.2	97.8	103A6	54	4430	2890	2600	2230	1930	1540
6.50-20	5.00F	184	880	420	2702	8	4.5	1960	1280	1150	980	850	680
		7.2	34.6	16.5	106.4	102A6	65	4320	2820	2540	2160	1870	1500

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								mm in	mm in	mm in	mm in	mm in	mm in	mm in
5.25-14	4	145	646	312	2015	8	5.7	1875	1788	1688	1438	1250	1125	1000
		5.7	25.4	12.3	79.3	87A6	83	4130	3940	3720	3170	2760	2480	2210
6.50-16	4.5	180	765	366	2333	8	4.2	1125	1073	1013	863	750	675	600
		7.1	30.1	14.4	91.9	98A6	61	2480	2370	2230	1900	1650	1490	1320
7.50-16	5.05F	205	805	386	2483	8	3.7	1313	1251	1181	1006	875	788	700
		8.1	31.7	15.2	97.8	103A6	54	2900	2760	2600	2220	1930	1740	1540
6.50-20	5.00F	184	880	416	2692	8	4.5	1275	1216	1148	978	850	765	680
		7.2	34.6	16.4	106	102A6	65	2810	2680	2530	2160	1870	1690	1500

## TracPRO F-2 (Multi-Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								mm in	mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	170	750	354	2416	8	4.5	1540	1010	900	770	670	
		6.7	29.5	13.9	95.1	94A6	65	3400	2230	1980	1700	1480	
6.50-16*						8		-----UNDER DEVELOPMENT-----					
7.50-16	5.50F	205	805	370	2403	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	14.6	94.6	103A6	54	4430	2890	2600	2220	1930	1540
9.00-16	6.00	253	855	400	2457	10	3.9						
		10.0	33.7	15.7	96.7	116A6	56.56						
6.50-20	5.50F	184	880	420.95	2702	8	4.5						
		7.2	34.6	16.6	106.4	102A6	65						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								mm in	mm in	mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	170	750	354	2416	8	4.5	1005	958	905	771	670	603	536
		6.7	29.5	13.9	95.1	94A6	65	2220	2110	2000	1700	1480	1330	1180
9.00-16	6.00	253	855	400	2457	10	3.9	1875	1788	1688	1438	1250	1125	1000
		10	33.7	15.7	96.7	116A6	57	4130	3940	3720	3170	2760	2480	2210
7.50-16	5.50F	208	814	330.7	2404	8	3.7	1313	1251	1181	1006	875	788	700
		8.2	32	13	94.6	103A6	54	2895	2758	2604	2218	1929	1737	1543





Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised centre rib to ensure easy steering. The tire is engineered for quiet rolling and long lasting performance in both on and off-the-road service. The strong nylon construction and use of high grade compounds make it a top quality tire.



### 303 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
9.00-16HD	W8	234	855	394	2556	10	3.9 57	1880 4140	1790 3940	1690 3720	1440 3170	1250	1130	1000	910
	W7	9.2	33.7	15.5	100.6	116A6						2750	2490	2200	2000
	6.00F					108A8									

### 303 TRACTOR FRONT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in						10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25
5.00-15	4.00E 4J 3.00D	140 5.5	655 25.8	307 12.1	1979 77.9	4	73A6	2.75	550	520	490	420	365	330	290
							65A8	40	1210	1150	1080	930	810	730	640
							81A6	4.2	690	660	620	530	462	420	370
10.00-16	W8L 8LB	274 10.8	895 35.2	407.3 16.0	2646 104.2	8	115A6	2.8	1820	1740	1640	1400	1215	1090	970
							107A8	4.1	4010	3830	3610	3080	2680	2400	2140
							119A6	3.4	2040	1940	1840	1560	1360	1220	1090
11.00-16	W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	10	122A6	3.1	2250	2150	2030	1730	1500	1350	1200
							114A8	4.5	4960	4740	4470	3810	3300	2970	2640
							88A6	3.3	840	800	760	640	560	500	450
6.00-16	4.00E 4.25KA 5K	165 6.5	735 28.9	341 13.4	2206 86.9	8	80A8	4.8	1850	1760	1680	1410	1240	1100	990
							94A6	4.4	1010	960	900	770	670	600	540
							87A8	6.4	2220	2110	1980	1700	1480	1320	1190
6.50-16	4.00E 5K 5.5F 4.25KA	175 6.9	760 29.9	353 13.9	2283 89.9	6	91A6	3.1	920	880	830	710	615	550	490
							83A8	4.5	2030	1940	1830	1570	1360	1210	1080
							103A6	3.9	1310	1250	1180	1010	875	790	700
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	378.2 14.9	2452 96.5	8	96A8	5.6	2890	2750	2600	2220	1930	1740	1540
							116A6	3.9	1880	1790	1690	1440	1250	1130	1000
							108A8	5.7	4150	3950	3730	3180	2760	2490	2210
7.50-18	5.50F	205 8.1	860 33.9	395 15.6	2566 101	8	107A6	3.7	1460	1390	1320	1120	975	880	780
							99A8	5.4	3220	3060	2910	2470	2150	1940	1720
							93A6	3.3	980	930	880	750	650	590	520
6.00-19	4.50E	165 6.5	814 32	382 15	2461 96.9	6	85A8	4.8	2160	2050	1940	1650	1430	1300	1150
							97A6	3.1	1100	1040	990	840	730	660	580
							89A8	4.5	2430	2290	2180	1850	1610	1460	1280

# 303 FarmPRO F-2



2WD  
TRACTOR

303 FarmPRO is an aesthetically improved modern F2 design. It has an optimized rib design suitable for both on and off road applications. The specially designed rib angles and radius ensure better roadability. Additional rubber layer under tread provides penetration resistance and improved sidewall deflection ensures better stability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in						10 <sup>(12)</sup>	15	20	25	30	35	40
5.00-15	4.00E	140	665	309.7	1995	4	2.8	550	-	490	420	365	-	-	-
		5.5	26.2	12.2	78.5	73A6/65A8	41	1210	-	1080	930	810	-	-	-
5.50-16	4.00E	150	710	337.35	2139	6	3.7	800	-	720	610	530	-	420	970
		5.9	28	13.3	84.2	86A6/78A8	54	1760	-	1590	1350	1170	-	930	2140
6.00-16	4.50E	165	735	348	2206	6	3.3	840	-	760	640	560	-	450	1060
		4.5E	6.5	28.9	13.7	86.9	88A6/80A8	48	1850	-	1680	1410	1240	-	990
	4.00E	175	760	353.95	2254	6	3.1	920	-	830	710	615	-	490	450
		6.9	29.9	13.9	88.7	91A6/83A8	45	2030	-	1830	1570	1360	-	1080	990
7.50-16	5.50F	205	805	360	2440	6	2.8	1130	-	1010	860	750	-	600	540
		8.1	31.7	14.2	96.1	98A6/90A8	41	2490	-	2230	1900	1650	-	1320	1190
	5.5	205	805	373.25	2426	8	3.7	1310	-	1180	1010	875	-	700	490
		8.1	31.7	14.7	95.5	103A6/96A8	54	2890	-	2600	2230	1930	-	1540	1080
9.00-16	W8	234	855	395	2585	10	3.9	1880	-	1690	1440	1250	-	1000	600
		9.2	33.7	15.6	101.8	116A6/108A8	57	4150	-	3730	3180	2760	-	2210	1320
10.00-16	W8L	275	895	410	2700	8	2.8	1820	-	1640	1400	1215	-	970	700
		10.8	35.2	16.1	106.3	115A6/107A8	41	4010	-	3620	3090	2680	-	2140	1540
11.00-16	W8L	315	965	432.8	2839	8	2.4	1980	-	1780	1520	1320	-	1060	1000
		12.4	38	17.0	111.8	118A6/110A8	35	4370	--	3920	3350	2910	--	2340	2200
7.50-18	5.50F	205	860	395	2590	8	3.7	1460	-	1320	1120	975	-	780	780
		8.1	33.9	15.6	102	107A6/99A8	54	3220	-	2910	2470	2150	-	1720	1720
4.00-19	3.00D	112	716	330	2134	4	3.4	530	-	480	410	355	-	280	280
		4.4	28.2	13	84	72A6	49	1170	-	1060	900	780	-	620	620
6.00-19	W8	165	814	390	2485	6	3.3	980	-	880	750	650	-	520	520
		6.5	32	15.4	97.8	93A6	48	2160	-	1940	1650	1430	-	1150	1150
7.50-20	5.5F	205	905	425	2735	8	3.4	1550	-	1390	1180	1030	-	820	820
		8.1	35.6	16.7	107.7	109A6/101A8	49	3420	-	3060	2600	2270	-	1810	1810

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					10	15	20	25	30	35	40
7.50-16	5.5	210	815	382	2473	10	4.7	1545	1473	1391	1185	1030	927	824
		8.3	32.1	15	97.4	109A6/101A8	68	3410	3250	3070	2610	2270	2040	1820

# 303 FarmPRO MULTIRIB

F-2



303 FarmPRO Multi-rib Pattern has a unique design with grooves on the central rib and notches in the shoulder which gives the tire superior traction in wet conditions. The tire also displays excellent self cleaning properties because of its tread design. Its special stubble protection compound ensures higher resistance to damages and punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Static	10 6	25 16	30 19	40 25
10.00-16	W8	274	895	425	2696	12	4	2560	2000	1660	1550	1400
		10.8	35.2	16.7	106.1	123A6/115A8	58	5640	4410	3660	3420	3090
11.00-16	W10	315	965	435	2893	12	3.7		2550	1960	1700	1360
		12.4	38	17.1	113.9	126A6/118A8	54		5620	4320	3750	3000
6.50-20	5.00F	175	865	417	2619	8	3.9		1240	950	825	660
		6.9	34.1	16.4	103.1	101A6/93A8	57		2730	2090	1820	1460
7.50-20	5.50F	205	915	429	2738	8	3.4		1550	1180	1030	820
		8.1	36	16.9	107.8	109A6/101A8	49		3420	2600	2270	1810

# 313

F-2



Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						10 6	15 9	20 12	25 16	30 19	35 22	40 25	
14L-16.1SL	W11C	346	986	450	2930	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030	
							109 A8	28	4910	4250	3810	3260	2830	2560	2270	
							8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
								116 A8	36	5950	5130	4600	3920	3410	3080	2730
							10	127 A6	3	3040	2630	2360	2010	1750	1580	1400
								120 A8	44	6700	5790	5200	4430	3850	3480	3080

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Static kmph	15 9	25 16	30 19	40 25
11L-15SL	8LB	279	813	378.5	2389	8PR	3	2190	1430	1050	1020	950
		11	32	14.9	94.1	106A8	44	4830	3150	2320	2250	2090
11.00-16	W10L	315	962	430	2845	8PR	3	1900	1430	1220	1050	950
		12.4	37.9	16.9	112	114A8	44	4190	3150	2690	2320	2090
11.00-16SL	10	315	950	442	2721	12	4.15	3100	2330	1980	1720	1550
		12.4	37.4	17.4	107.1	123A8	60	6830	5140	4370	3790	3420
9.5L-15	8LB	253	782	357	2337	8PR	3.3	1700	1280	1090	940	850
		10	30.8	14.1	92	102A8	48	3750	2820	2400	2070	1870
10.00-16	8LB	281	891	411.80	2672	8PR	2.8	2120	1590	1360	1180	1060
		11.1	35.1	16.2	105.2	110A8	41	4670	3510	3000	2600	2340

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommended Load			
		SW	OD					Speed km/h (mph)			
		mm	mm					10	25	40	50
		in	in					6	16	25	31
14L-16.1SL	W11C	980	956	415	2708	12PR	3.6	2450	2080	1750	1575
		38.6	37.6	16.3	106.6	127A8	52	5400	4590	3860	3470

# 571



Alliance 571 Trailer tire represents an exceptional solution for Agricultural and Utility trailers. This pattern enables efficient ground protection for Turf and Grassland applications. The tire structure with strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Mixed application								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
340/65R18	11	340	892	405	2717	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
		13.4	35.1	15.9	107	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

# 319



Alliance 319 (Agricultural Implement) is a super low-section implement tire designed for all on road and off-the-road applications. Its strong nylon construction guards against moisture deterioration and ensures best performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infi. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive Wheel			
		mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
15.0/55-17	13	391	850	373	2470	10	133A8	2.6	2880	2450	2060	1850	2030	1730	1450	1310
							129 B	38	6340	5400	4540	4070	4470	3810	3190	2890
							121A8									
							118 B									
		14	140 A8	3.6	3500	2980	2500	2250	2450	2080	1750	1580				
			136 B	52	7710	6560	5510	4960	5400	4580	3850	3480				
			127A8													
			124 B													



CULTIVATORS PLOUGH BALERS

Alliance 328 is a tubeless flotation tire with good self cleaning characteristics, suitable for agricultural implements and for towed vehicles in particular. Its high load carrying capacity at low inflation pressures prevents damage to fields and crops. It is suitable for on and off-the road agricultural service on large implements. The tire's strong nylon construction and compounds ensure long tire life.



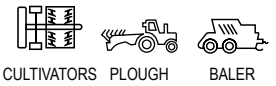
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	Free rolling					Drive Wheel								
				10 6	25 16				40 25	50 31	10 6	25 16	40 25	50 31			
400/60-15.5	AG13		874	382.5	2610	14	145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800	
		404	34.4	15.1	102.8		142B	52	8951	7606	6393	5754	6173	5247	4409	3968	
		15.9	864	386.1	2600	16	148A8	4.4	4410	3750	3150	2840	3140	2670	2240	2020	
			34	15.2	102.4		144B	64	9722	8267	6945	6261	6923	5886	4938	4453	
400/60-15.5 C	13	404	874	375	2550	16	148A8	4.4	4970	4220	3550	3200	3500	2980	2500	2250	
		15.9	34.4	14.8	100.4		136A8	64	10960	9300	7830	7060	7720	6570	5510	4960	
400/60-15.5 Steel Belted	13.00DC	404	874	377	2510	98.8	140A8	2.8	3500	2980	2500	2250	2380	2020	1700	1530	
							136 B	41	7710	6560	5510	4960	5240	4450	3740	3370	
							126A8										
							123 B										
							145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800	
							142B	52	8940	7600	6390	5750	6170	5240	4410	3960	
							132A8										
							128 B										
							129A8	1.6	2270	1930	1620	1458	1580	1340	1130	1017	
							125B	23	4994	4246	3564	3208	3476	2948	2486	2237	
8	117A8	2	2590	2200	1850	1665	1800	1530	1285	1157							
	113B	29	5698	4840	4070	3663	3960	3366	2827	2544							
20	152A8	5	4970	4220	3550	3195	3500	2980	2500	2250							
	140A8	73	10960	9300	7830	7040	7720	6570	5510	4960							
500/60-15.5 Steel Belted	16.00DC	503	965	420	2780	109.4	152A8										
							149B	3.3	4970	4220	3550	3200	3430	2920	2450	2210	
							139A8	48	10950	9300	7820	7050	7560	6430	5400	4870	
							136B										
500/55-17 Steel Belted	16.00DC	503	994	435	2906	114.4	151A8										
							148B	3.3	4830	4110	3450	3110	3330	2830	2380	2140	
							138A8	48	10640	9050	7600	6850	7330	6230	5240	4710	
							135B										
400/55-17.5	11.75DC 13.00DC	388	887	418	2709	106.6	133A8										
							128B	2	2880	2450	2060	1850	1960	1670	1400	1260	
							120A8	29	6340	5400	4540	4070	4320	3680	3080	2780	
							117B										
							12	140A8									
							136B	3	3710	3150	2650	2390	2590	2200	1850	1670	
							127A8	44	8170	6940	5840	5260	5700	4850	4070	3680	
							124B										
							16	149A8									
							145B	4	4550	3870	3250	2930	3140	2670	2240	2020	
136A8	58	10020	8520	7160	6450	6920	5880	4930	4450								
132B																	
42x25.00-20 NHS	20.50VF	622	1080	480	3160	124.4	137A8										
							135 B	3.1	3290	2530	2310	2180	2340	1800	1640	1550	
							125A8	45	7250	5570	5090	4800	5150	3960	3610	3410	
							123 B										
44x18.00-20 NHS	W14L W14LH	457	1143	492	3270	128.7	134A8	2.1	3020	2320	2120	2000	2110	1620	1480	1400	
							132B										
							122A8	30	6660	5120	4670	4410	4650	3570	3260	3090	
							120B										
							8	147A8									
							145B	2.8	4390	3380	3080	2910	3080	2370	2160	2040	
135A8	41	9670	7440	6780	6410	6780	5220	4760	4490								
133B																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		SW	OD	10	25				40	50	10	25	40	50		
		mm in	mm in	mm in	mm in				mm in	mm in	mm in	mm in	mm in	mm in		
48x25.00-20 NHS	20.50VF	635	1245	548	3620	10	146A8	2.4	4230	3250	2970	2800	2940	2260	2070	1950
							144 B									
		133A8	31 B	151A8	3.1	4910	3770	3450	3250	3470	2670	2440	2300			
		149 B												45	10810	8300
		139A8	137 B	150A8	2.8	4760	3650	3340	3150	3380	2600	2370	240			
		148 B												41	10480	8040
138A8	136 B	775	1245	550	3630	12	151A8	3.1	4910	3770	3450	3250	3470			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Mixed Application									
		SW	OD	10	20			30	40	50	60	65	70				
		mm in	mm in	mm in	mm in			mm in	mm in	mm in	mm in	mm in	mm in				
500/50R17	16.00X17	494	960	404	2927	145D	4	6670	5220	4785	4379	3944	3509	3103	2900	2639	
																	19.4

## 328 VALUE PLUS I-3

FLOTATION



Alliance 328 Value Plus is specially designed for low end applications like balers, wagons and agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has moderate traction flotation profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		SW	OD	10	25				40	50	10	25	40	50		
		mm in	mm in	mm in	mm in				mm in	mm in	mm in	mm in	mm in	mm in		
10.0/75-15.3	9	268	784	343	2260	12	126A8	4.7	2380	-	-	1700	1530	-	-	-
							114A8									
11.5/80-15.3	9	292	855	375	2456	10	131A8	3.4	2730	2320	1950	1755	1900	1620	1360	1224
							119A8									
400/60-15.5	13.00DC	404	874	376.7	2569	16	148A8	4.4	4410	3745	3150	2835	3135	2665	2240	2015
							136A8									
500/45-22.5	AG16.00	500	1030	469	3082	16	154A8/150B	3.2	3710	3150	2650	2390	5250	4460	3750	3380

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		SW	OD	10	25				40	50	10	25	40	50		
		mm in	mm in	mm in	mm in				mm in	mm in	mm in	mm in	mm in	mm in		
360/65-16	11.00	870	353	384.45	2578	16	142A8	4	2590	2330	1850	1665	3710	3150	2650	2390
							129A8									
480/45-17	16.00	866	491	380.35	2562	14	146A8	2.8	2970	2670	2120	1908	4200	3570	3000	2700
							134A8									



# I-1 RIB IMPLEMENT



FLOTATION



Alliance I-1 Rib Implement is designed to deliver excellent performance for free-rolling wheels on wagons, hay balers, bale racks, seeders, wind rowers and fertilizer spreaders. Its heavily grooved ribs enhances flotation properties leading to easy steering while increasing the overall stability of the equipment. Its high rubber volume results in lesser wear and longer tire life. The rounded shoulders are ideally suited for seeders and implements. Its low rolling resistance leads to better fuel economy



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Infl. press	Recommended Load
		SW	OD					Speed
		mm in	mm in	mm in	mm in	bar psi	Free Rolling	
11L-14SL	8KB	279	752	342	2236	8	2.5	1120
		11	29.6	13.5	88	112B	36	2470
9.5L-14SL	8	251	740	328	2204	8	3	1090
		9.9	29.1	12.9	86.8	111B	44	2400
10.00-15SL	8LB	274	853	373	2574	8	2.8	1450
		10.8	33.6	14.7	101.3	121B	41	3200
11L-15SL	8LB	279	777	369	2345	8	2.5	1150
		11	30.6	14.5	92.3	113B	36	2540
11L-15SL	8LB	279	777	350	2288	12	3.6	1450
		10LB	11	30.6	13.8	90.1	121B	52
12.5L-15SL	10	318	823	371	2249	8	2.5	1360
		12.5	32.4	14.6	88.5	119B	36	3000
12.5L-15SL	10	318	835	363	2437	10	3	1550
		12.5	32.9	14.3	95.9	123B	44	3420
12.5L-15SL	10	319	835	360	2425	12	3.6	1750
		12.6	32.9	14.2	95.5	127B	52	3860
12.5L-15SL	10LB	318	823	366	2474	14	4.2	1950
		12.5	32.4	14.4	97.4	131B	61	4300
6.70-15SL	4.5KB	170	722	327	2136	6	3	730
		5KB	6.7	28.4	12.9	84.1	97B	44
7.60-15SL	6LB	203	734	337	2240	8	3.6	950
		8	28.9	13.3	88.2	106B	52	2090
9.5L-15SL	8LB	249	768	352	2258	12	4.4	1450
		9.8	30.2	13.9	88.9	121B	64	3200
19L-16.1SL	16.1	482	1060	462	3020	12	2.5	3000
		19	41.7	18.2	118.9	146B	36	6610
21.5L-16.1SL	18	545	1139	494	3226	10	1.9	3000
		21.5	44.8	19.4	127	146B	28	6610
21.5L-16.1SL	18	545	1130	494	3226	14	2.5	3550
		21.5	44.5	19.4	127	152B	36	7830
21.5L-16.1SL	18	546	1138	493	3378	18	3	4000
		21.5	44.8	19.4	133	156B	44	8820
7.50-16SL	5.5	209	785	363	2370	8	3.3	1120
		8.2	30.9	14.3	93.3	112B	48	2470
9.00-16SL	6	264	856	390	2547	10	3.6	1500
		10.4	33.7	15.4	100.3	122B	52	3310

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Infl. press	Recommended Load
		mm in	mm in					Speed
		mm in	mm in	mm in	mm in	bar psi	Static kmph	
9.5L-15SL	8LB	249	768	351	2258	8	3	1120
		9.8	30.2	13.8	88.9	112B	44	2470

# I-1 RIB IMPLEMENT (E) I-1

FLOTATION



Alliance Rib Implement (E) is a low weight tire which is designed to deliver excellent performance for free-rolling wheels on wagons, hay balers, bale racks, seeders, wind rowers and fertilizer spreaders. Its heavily grooved ribs enhances flotation properties leading to easy steering while increasing the overall stability of the equipment. Its high rubber volume results in lesser wear and longer tire life. The rounded shoulders are ideally suited for seeders and implements. Its low rolling resistance leads to better fuel economy



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Infl. press bar	Recommended Load
		SW	OD					Speed
		mm in	mm in				mm in	mm in
9.5L-14SL	8KB	251	741	341	2256	8	3	1090
	7.0	9.9	29.2	13.4	88.8	111B	44	2400
11L-14SL	8KB	279	752	340	2288	8	2.5	1120
		11	29.6	13.4	90.1	112B	36	2470
11L-15SL	8LB	279	777	355	2363	12	3.6	1450
	10LB	11	30.6	14	93	121B	52	3200
11L-15SL (E)	8LB	279	777	353	2384	8	2.5	1150
		11	30.6	13.9	93.9	113B	36	2540
12.5L-15SL	10LB	318	823	364	2457	12	3.6	1750
		12.5	32.4	14.3	96.7	127B	52	3860
7.60-15SL	6LB	198	734	338	2240	8	3.5	950
		7.8	28.9	13.3	88.2	106B	51	2090
9.5L-15SL	8LB	249	767	352	2431	8	3	1120
		9.8	30.2	13.9	95.7	112B	44	2470

# TRAILER 448 IMP

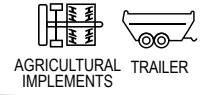


Alliance Trailer 448 is specially designed for trailer applications. The non-directional tread pattern with high lug to void ratio provides outstanding maneuverability and stability. Presence of abrasion resistant compound ensures excellent durability. Also, high traction with low rolling resistance assures improved productivity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					mm in	mm in	Static	10 6	25 16
9.00-16	6.50H	260	926	425	2733	18	7.6	3890	3040	2530	2360	2120
		10.2	36.5	17	107.5	138A6	110	8580	6700	5580	5200	4670
						16	7.25	3795	2967	2461	2300	2070
10.00-20	7.5	278	1073	503	3260	16	7.95	-	-	-	-	3000
		10.9	42.2	19.8	128.3	137A6	105	8367	6541	5426	5071	4564

# 320 IMP



Alliance 320 is a low-section implement tire with high load capacity and minimum soil compaction. This is an ideal tire for modern farming designed for on and off road applications. Its strong nylon construction provides superior performance and durability.



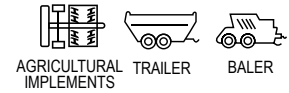
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
									Speed, km/h (mph)																		
		SW	OD	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	Free rolling				Drive Wheel													
		mm in	mm in							10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31										
10.0/75-15.3	9	264 10.4	760 29.9	340.2 13.4	2278 89.7	10	123A8	→	3.9 57	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160										
							119B	→																			
							111A8	→																			
							107B	→																			
							126A8	→																			
							122B	→																			
	12	114A8	→	4.7 68	2380 5240	2020 4450	1700 3740	1530 3370	1650 3630	1400 3080	1180 2600	1060 2330															
		110B	→																								
		14	130A8										→	5.5 80	2660 5860	2260 4980	1900 4190	1710 3770	1850 4070	1570 3460	1320 2910	1190 2620					
			114B										→														
			118A8										→														
			114B										→														
18	135A8	→	7.1 103	3050 6835	2595 5815	2180 4885	1960 4390	2100 4705	1785 4000	1500 3360	1350 3025																
	122A8	→																									
11.5/80-15.3	9	290 11.4	845 33.3	368.4 14.5	2477 97.5	10	131A8	→	3.4 49	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690										
							127B	→																			
							119A8	→																			
							115B	→																			
							12	134A8										→	4.1 59	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970
								130B										→									
	14 (Steel Belted)	139A8	→	4.75 69	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370															
		135B	→																								
	16	126A8	→	5.5 80	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680															
		123 B	→																								
		142A8	→																								
		138B	→																								
129A8		→																									
125B		→																									
18	144A8	→	6.25 91	3920 8640	3330 7340	2800 6170	2520 5555	2800 6170	2380 5245	2000 4410	1800 3965																
	132A8	→																									
12.5-15.3	9	307 12.1	875 34.4	383.6 15.1	2601 102.4	14	142A8	→	4.3 62	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680										
							138B	→																			
							129A8	→																			
							125B	→																			
	16	144A8	→	4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110	1950 4300	1760 3880															
		140B	→																								
		131A8	→																								
		127B	→																								

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel						
							Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
500/55-15.5	16	503 19.8	944 37.2	410 16.1	2720 107.1	12	145A8	♂	2.4 35	3990 8790	3390 7470	2850 6280	2570 5660	2800 6170	2380 5240	2000 4410	1800 3960
							141B	♂									
							132A8	♀									
							128B	♀									
13.0/75-16	11	336 13.2	900 35.4	404 15.9	2648 104.3	10	135A8	♂	3 44	3050 6720	2590 5700	2180 4800	1960 4320	2100 4630	1790 3940	1500 3300	1350 2970
							131B	♂									
							122A8	♀									
							119B	♀									
500/50-17 Available as D tire (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8	♂	2 29	3820 8410	3240 7140	2725 6000	2450 5400	2660 5860	2260 4980	1900 4190	1710 3770
							139B	♂									
							130A8	♀									
							126B	♀									
						14	149A8	♂	2.75 40	4550 10020	3870 8520	3250 7160	2930 6450	3220 7090	2740 6040	2300 5070	2070 4560
							145B	♂									
							137A8	♀									
							133B	♀									
16	152A8	♂	3.25 47	5020 11060	4270 9410	3585 7900	3230 7110	3500 7710	2980 6560	2500 5510	2250 4960						
	149B	♂															
	140A8	♀															
	136B	♀															
10.5/80-18	W9 X 18	274 10.8	885 34.8	391.54 15.4	2587 101.9	10	131A8	♂	3.7 54	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690
							127B	♂									
							119A8	♀									
							115B	♀									
12.5/80-18	9	308 12.1	965 38	428 16.9	2841 111.9	12	142A8	♂	3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680
							138B	♂									
				16	129A8	♀	4.9 71	4410 9710	3750 8260	3150 6940	2840 6260	3050 6720	2590 5700	2180 4800	1960 4320		
					148A8	♂											
144B	♂																
135A8	♀																
131B	♀																
13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	138A8	♂	3.6 52	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							134B	♂									
				16	125A8	♀	4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110	1950 4300	1760 3880		
					144A8	♂											
140B	♂																
131A8	♀																
127B	♀																
15.0/70-18	13	391 15.4	990 39	446.5 17.6	3037 119.6	12	145A8	♂	3.1 45	4060 8940	3450 7600	2900 6390	2610 5750	2880 6340	2450 5400	2060 4540	1850 4070
							141B	♂									
				16	133A8	♀	4.25 62	4830 10640	4110 9050	3450 7600	3110 6850	3400 7490	2890 6370	2430 5350	2190 4820		
					129B	♀											
151A8	♂																
147B	♂																
16.0/70-20	14	418 16.5	1075 42.3	478 18.8	3196 125.8	12	151A8	♂	3 44	4830 10640	4110 9050	3450 7600	3110 6850	3400 7490	2890 6370	2430 5350	2190 4820
							147B	♂									
				14	139A8	♀	3.5 51	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260		
					135B	♀											
154A8	♂																
150B	♂																
142A8	♀																
138B	♀																

SIZE	P.R. & LI	TYPE	RIM	O.D. mm	S.W. mm	Rolling Circumference mm	Loaded Static Radius mm	Speed km
14.5/75-20	12 148A8 144B 135A8 131B	TL	12	1060 41.7	372 14.6	3118	476	0

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	bar psi	10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	60 37	65 40	
500/50-17	16.00	500	940	402.82	2746	16	3.25	4500	4330	4130	3950	3780	3600	3400	3030	2680	2500
		19.7	37	15.9	108.1	140D	47	9910	9540	9100	8700	8330	7930	7490	6670	5907	5510

## 320 VALUE PLUS IMP



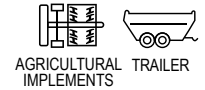
A 320 Value Plus is specially designed for agricultural implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tire life. This tire can be used on roads and also for grassland and sensitive soil applications in the fields.



Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		(mm)	(mm)	(mm)	(mm)	Static -	10 6	25 16	30 18	40 25		
7.00-12 (3 rib)	4.25	185	667	295	1944	6	2.5	1280	1000	830	775	700
		7.3	26.3	11.6	76.5	99A6	36	2816	2200	1826	1705	1540
10.0/80-12 (3 rib)	9.00	264	710	309	2090	10	3.9	2640	2060	1710	1600	1440
		10.4	28	12.2	82.2	124A6	57	5808	4532	3762	3520	3168
10.0/75-15.3 (3 rib)	9			339.3	2281	10	3.9	2558	2000	1659	1550	1395
		264	760	13.4	89.8	129A6 / 125A8	57	5639	4409	3657	3417	3075
		10.4	29.9	345.3	2345	14	5.5	3135	2450	2033	1900	1710
				13.6	92.3	136A6/132A8	80	6911	5401	4482	4189	3770
11.5/80-15.3 (3 rib)	9			376	2470	10	3.4	3800	2970	2460	2300	2070
		290	845	14.9	97.2	137A6/ 133A8	49	8380	6550	5420	5070	4560
		11.4	33.3	364.8	2540	14	4.75	4010	3130	2600	2430	2187
				14.4	100	145A6 / 141A8	69	8841	6900	5732	5357	4822
12.5/80-15.3 (3 rib)	9	307	875	371.15	2565	14	4.3	5245	4105	3390	3150	2800
		12.1	34.4	14.6	101.0	148A6	62	11563	9050	7474	6944	6173
400/60-15.5 (3 rib)	13DC			16			5.5	5940	4650	3840	3550	3150
		404	874	376.7	2569	152A6	79	13095	10251	8466	7826	6944
		15.9	34.4	14.8	101.1	148A8						
				20			5	6600	5160	4280	4000	3600
6.00-16 (3 rib)	4.00E	169	712	330	2160	6	2.8	1280	1000	830	775	700
		6.7	28	13	85	99A6	40	2816	2200	1826	1705	1540
10.5/65-16 (3 rib)	W9	274	755	346	2335	14	5.6	3500	2730	2270	2120	1910
		10.8	29.7	13.6	91.9	134A6	81	7700	6006	4994	4664	4202
10.5/65-16	9	274	755	334	2266	10	3.8	2888	2260	1873	1750	1575
		10.8	29.7	13.2	89.2	127A6	55	6370	4980	4130	3860	3470
13.0/55-16 (3 rib)	11	336	770	345	2350	14	4.2	3800	2970	2460	2300	2070
		13.2	30.3	13.6	92.5	137A6	61	8360	6534	5412	5060	4554
15.0/55-17 (5 rib)	13.00			372.1	2489	10	2.6	3890	3040	2530	2360	2124
		391	850	14.6	98.0	138A6	38	8558	6688	5566	5192	4680
		15.4	33.5	384.5	2591	14	3.7	4250	3320	2760	2575	2320
				15.1	102.0	141A6	54	9350	7304	6072	5665	5104
19.0/45-17 (7 rib)	16	472	866	383.8	2578	14	2.8	5200	4060	3370	3150	2835
		18.6	34.1	15.1	101.4	148A6	41	11460	8950	7430	6950	6250
500/50-17 (5 rib)	16	500	932	424.3	2760	14	2.8	6020	-	3910	3650	3290
		19.7	36.7	16.7	108.6	153A6	41	13244	-	8602	8030	7238
10.5/80-18 (3 rib)	W9	274	885	390	2620	10	3.7	3600	2810	2330	2180	1960
		10.8	34.8	15.4	103.1	135A6	54	7920	6182	5126	4796	4312

Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius (mm)	Rolling Circumference (mm)	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)				
		SW (mm)	OD (mm)					Speed, km/h (mph)				
								Free rolling				
								Static -	10 6	25 16	30 18	40 25
12.5/80-18 (3 rib)	W9	308 12.1	965 38	424.7 16.7	2871 113.0	12	3.7	4790	3740	3100	2900	2610
						145A6	54	10538	8228	6820	6380	5742
						142A8						
						16	4.9	5860	4580	3800	3550	3200
						152A6	71	12892	10076	8360	7810	7040
						148A8						
18	5.5	6190	4840	4010	3750	3380						
13.0/65-18 (3rib)	11	336 13.2	890 35	400 15.7	2745 108.1	16	4.9	5200	4060	3370	3150	2840
						148A6	71	11460	8950	7430	6950	6260
						144A8						
						15.0/70-18 (5 rib)	W13	391 15.4	990 39	420.9 16.6	2992 117.8	16
16.0/70-20 (5 rib)	13.00	418 16.5	1075 42.3	458.5 18.1	3158 124.3	151A6	62	12551	9813	8139	7606	6845
						148A8	12	6390	5000	4150	3875	3490
						155A6						

# 327 FarmPRO IMP 1-2



FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



Size	Rim	Unloaded dimension		Loaded Static Radius (mm)	Rolling Circum (mm)	PR	Free/Drive Wheel	Infl. press. (bar psi)	Recommend load, kg (lbs)																
		SW (mm)	OD (mm)						Speed, km/h (mph)																
									Free rolling				Drive Wheel												
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31									
400/60-15.5	13	405 15.9	874 34.4	375 14.8	2498 98.3	14	145A8	3.6 52	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960									
							141B																		
							132A8																		
							128B																		
14.0/65-16 360/65-16	11	357 14.1	874 34.4	369.6 14.6	2515 99.0	-	150A8	4.0	4690	3990	3350	3015	3305	2810	2360	2125									
							138A8	58	10340	8796	7385	6647	7286	6195	5203	4685									
340/55-16	11	340 13.4	780 30.7	365 14.4	2354 92.7	12	133A8	3.4 49	2880 6340	2450 5400	2060 4540	1850 4070	2030 4470	1730 3810	1450 3190	1310 2890									
							129B																		
							121A8																		
19.0/45-17 (480/45-17)	16	480 18.9	865 34.1	400 15.7	2592 102	10	140A8	2.25 33	3500 7710	2980 6560	2500 5510	2250 4960	2450 5400	2080 4580	1750 3850	1580 3480									
							136B																		
							127A8																		
							123B																		
							146A8										2.8 41	4200 9250	3570 7860	3000 6610	2700 5950	2970 6540	2520 5550	2120 4670	1910 4210
							142B																		
134A8																									
130B	3.3 48	4550 10030	3865 8520	3250 7165	2920 6435	3135 6910	2665 5875	2240 4935	2000 4410																
149A8																									
136A8																									



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel						
		mm in	mm in	mm in	mm in		Load index	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
500/50-17	16	500 19.7	960 37.8	435 17.1	2840 111.8	10	143A8	→	2 29	3820 8410	3240 7140	2725 6000	2450 5400	2660 5860	2260 4980	1900 4190	1710 3770
							139B	→									
							130A8	→									
							126B	→									
							149A8	→									
							145B	→									
	14	136A8	→	2.75 40	4550 10020	3870 8520	3250 7160	2930 6450	3140 6920	2670 5880	2240 4930	2020 4450					
		132B	→														
		18	154A8	→	3.5 51	5250 11575	4460 9835	3750 8265	3375 7440	3605 7945	3065 6760	2575 5675	2320 5115				
			150B	→													
			141A8	→													
			137B	→													
15.0/55-17 (380/55-17)	13	391 15.4	850 33.5	384 15.1	2516 99.1	12	138A8	→	2.8	3300	2805	2360	2125	2310	1965	1650	1485
							125A8	→	40.6	7285	6190	5200	4685	5090	5330	3635	3275
12.5/80-18 320/80-18	10	320 12.6	970 38.2	434 17.1	2860 112.6	12	142A8	→	3.7	3710	3150	2650	2380	2950	2200	1850	1670
							129A8	→	54	8180	6945	5840	5245	5710	4850	4075	3680
16.0/70-20 400/70-20	13	408 16.1	1075 42.3	476 18.7	3112 122.5	12	151A8	→	3	4830	4105	3450	3105	3400	2890	2430	2185
							139A8	→	43.5	10645	9050	7605	6845	7495	6370	5355	4815
500/55-20	16	503 19.8	1058 41.7	464 18.3	3073 121.0	10	150A8	→	2.4 35	4690 10330	3990 8790	3350 7380	3020 6650	3300 7270	2810 6190	2360 5200	2120 4670
							146B	→									
							138A8	→									
							134B	→									
	12	155A8	→	3.25 47	5430 11960	4610 10150	3875 8540	3490 7690	3820 8410	3240 7140	2725 6000	2450 5400					
		151B	→														
		143A8	→														
		139B	→														

# 223 I-1



Alliance 223 Implement is a heavy-duty tire designed to carry heavy loads under tough field conditions. The strong nylon construction and the all-around protection against ozone layer impact and sunlight ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)				Drive Wheel				
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9		119A8										
							115 B	2.4	1900	1620	1360	1220	1330	1130	950	860	
							106A8	35	4190	3570	3000	2690	2930	2490	2090	1890	
							102 B										
		123A8															
		120 B	3.1	2170	1840	1550	1400	1530	1300	1090	980						
		111A8	45	4780	4050	3410	3080	3370	2860	2400	2160						
		107 B															

# 543 I-1



Alliance 543 High Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs.

The tire provides adequate flotation for machinery and has high density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					100	62
9.5L-15FI	8LB	246	766	349	2283	Load Range D	4.14	1216	
		9.7	30.2	13.7	89.9		60	2681	
11L-15FI	8LB	264	785	352	2301	Load Range D	4.13	1397	
		10.4	30.9	13.9	90.6	60	3080		
		Load Range F	6.2	1796.2					
12.5L-15FI	8LB	318	820	366	2392	Load Range D	4.13	1696.4	
		12.5	32.3	14.4	94.2	60	3740		
12.5L-15FI	10LB	318	823	375.7	2457	Load Range F	6.2	2120	
		12.5	32.4	14.8	96.7	90	4670		

# 222 I-1



Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted on drive wheels.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																						
		SW	OD						Speed, km/h (mph)																						
		mm in	mm in	Free rolling				Drive Wheel																							
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31																			
11L-15	W8L 8LB 10LB	279	777	339	2245	10	116A8	3	1750	1490	1250	1130	1230	1040	875	790															
		11	30.6	13.3	88.4		112 B										44	3850	3280	2750	2490	2710	2290	1930	1740						
							103A8																								
							100 B																								
16.5L-16.1SL	14LB W14C	419	1024	457.4	2972	10	138A8	2.4	3300	2810	2360	2120	2310	1960	1650	1490															
		16.5	40.3	18	117.0		134 B										35	7270	6190	5200	4670	5090	4320	3630	3280						
							125A8																								
							122 B																								
15.0/55-17	13	391	850	373	2465	18	150A8	6	4620	3930	3300	2970	3280	2780	2340	2110															
		15.4	33.5	14.7	97		146 B										87	10180	8660	7270	6540	7220	6120	5150	4650						
							138A8																								
							134 B																								
19.0/45-17	16	480 18.9	850 33.5	375 14.8	2470 97.2	10	138A8	2.25	3300	2810	2360	2120	2310	1960	1650	1490															
							134B										33	7270	6190	5200	4670	5090	4320	3630	3280						
							125A8																								
							122B																								
							143A8										4	3820	3250	2730	2460	2670	2270	1910	1720						
							139 B																			58	8410	7160	6010	5420	5880
49-17	13#	400	1184	542	3638	20	158A8	4	5950	5060	4250	3830	4200	3570	3000	2700															
	12#	15.7	46.6	21.3	143.2		146A8										58	13090	11132	9350	8426	9240	7854	6600	5940						
20.00-20	16 20SDC	498	1400	598	3991	20	169A8	3.9	8120	6900	5800	5220	5600	4760	4000	3600															
		19.6	55.1	23.5	157.1		165 B										57	17890	15200	12780	11500	12330	10480	8810	7930						
							156A8																								
							153 B																								
21.0/80-20	16SDC	525	1384	573.5	4080	12	166A8	2.2	7420	6310	5300	4770	5250	4460	3750	3380															
		20.7	54.5	22.6	160.6		154A8										32	16340	13900	11670	10510	11560	9820	8260	7440						

#Important: Nonstandard Flat Base Rim for Commercial vehicle: Rim Diameter 20"

# 542 I-1



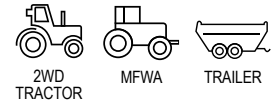
Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



## 542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	Infl. press.	Recommend load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					48 30		
9.5L-14SL	7.0	241	748	342	2234	8	3.03	1088.6		
		9.5	29.4	13.5	88		44	2400		
11L-14SL	14x8KB	280	754	342	2236	8	2.48	1120		
		11	29.7	13.5	88		36	2470		
6.70-15SL	4J	170	722	327	2136	6	3.033	839		
		6.7	28.4	12.9	84.1		44	1850		
7.60-15SL	7J	208	737	333	2175	8	3.585	1100		
		8.2	29	13.1	85.6		52	2405		
		249	768	352	2267		8	3.03	1120	
9.5L-15SL	8LB	9.8	30.2	13.9	89.3	12	4.4	1450		
							64	3200		
11L-15SL	8LB	266	780	350	2288	8	2.482	1152		
							36	2540		
							3.58	1450		
12.5L-15SL	10LB	10.5	30.7	13.8	90.1	12	52	3200		
							8	2.5	1361	
								36	3000	
								3	1552	
							10	44	3420	
12	3.03	1551								
14	4.25	1800								
7.50-16SL	5.5F	217	788	363	2370	8	3.3	1060		
							48	2340		
							4.1	1215		
9.00-16SL	6LB	264	856	390	2547	10	60	2680		
							3.6	1500		
11.00-16SL	8.0	315	949	420	2746	12	52	3300		
							3.45	2240.7		
19L-16.1SL	W16C	480	1060	462	3020	12	50	4940		
							2.5	2993.5		
21.5L-16.1SL	W18	545	1139	494	3277	10	36	6600		
							1.9	2993.5		
							28	6600		
							2.5	3550		
							36	7826		
18	3	4000								
	156B	44	8800							

# AS 323 R-1

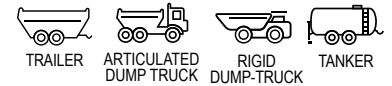


Alliance AS-323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipment and light industrial/construction applications. It has superior carcass casing and bead construction for better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made of special rubber compound which provides greater resistance to tire failure, tear resistance, thus enhancing the tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
								Free Rolling				Cyclic Applications								
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
10.0/75-15.3	9	264	780	361.5	2293	10	3.9	-	2170	1845	1550	1395	1525	1300	1090	980				
		10.4	30.7	14.2	90.3	123A8			56	-	4785	4065	3415	3075	3360	2865	2400	2160		
11.5/80-15.3	9	290	867	389	2574	12	4.1	-	3050	2595	2180	1960	2170	1845	1550	1395				
						135A8			60	-	6725	5720	4805	4320	4785	4065	3415	3075		
						123A8			6.1	-	3820	3240	2725	2450	2660	2260	1900	1710		
						18					88	-	8420	7140	6010	5400	5860	4980	4190	3770
						143A8					8	112A8	3.25	-	1570	1335	1120	1010	1085	925
7.50-16	5.5	209	805	362	2367	8	47	-	3460	2940	2470	2225	2390	2040	1705	1540				
405/70-20	13	407	1076	493	3263	14	3.5	-	5200	3575	3250	-	-	-	-					
						149B			51	-	11460	7880	7170	-	-	-	-			

# 392

I-2
C+C
AS
FLOTATION
CUT & CHIP RESISTANT COMPOUND
ALL STEEL


392 is an all steel tire with an F speed rating for high speed agri-transport operations. High load carrying capacity, protection against cuts & punctures, low soil compaction and low rolling resistance are some of its key features. It is suitable for heavy duty applications. Its unique tread design ensures high traction in all terrains. It is suitable for sandy and soft soil operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Mixed Application									
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37
24R20.5 MPT	18	600	1372	619.5	4210	176F	6	17750	12780	9590	8880	8170	7950	7810	7630	7460	7100
		23.6	54	24.4	165.7	87		39130	28180	21140	19580	18010	17530	17220	16820	16450	15650

# 312

I-3

WRC

FLOTATION

WEAR RESISTANT COMPOUND



Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						Mixed application							
		mm in	mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
26x12.00-12 NHS	10.5	289	665	299.45	1976	4	94A8	2.1	980	880	840	790	750	720	680	650
		11.4	26.2	11.8	77.8		93B	30	2160	1940	1850	1740	1650	1590	1500	1430
						6	103A8	2.1	1240	1120	1060	1010	950	910	870	825
							101B	30	2730	2470	2330	2220	2090	2000	1920	1820

# 332

HF-3

SC

FLOTATION

SPECIAL COMPOUND



Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensure longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						Mixed application							
		mm in	mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
31x15.50-15 NHS Normalized tire dimensions	13LB					4	100 A8	1.4	1160	1050	1000	950	890	850	810	775
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
						6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
							107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
						8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
							116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
						10	127A8	4.2	2480	2240	2130	2010	1900	1820	1730	1650
							125B	61	5460	4930	4690	4430	4190	4010	3810	3630

# 312 PLUS

HF-1

SC

SPECIAL COMPOUND



The Alliance 312 Plus comes with a superior sidewall and rim shield protection and works well on trenchers and many other types of machinery. Its open deep shoulders provide good traction both on road and off road and excellent self-cleaning even in the most severe operations.



SIZE	PR	TYPE	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph
29X12.50-15NHS	8	TL	10LB	750	318	2213	350	975	2.75	50
				29.5	12.5	87.1	13.8	2150	40	31



# SLICK MASTER

C-1

SG  
STUBBLE  
GUARD



The Alliance Slick Master is the latest offering for various Agriculture implement applications. The specially designed slick tread provides a high rubber volume thereby resulting in superior tire life. The tire is designed to avoid stubble damages and punctures resulting in improved uptime and lower maintenance. Slick Master also has the special stubble resistant compound making it the perfect choice for usage in fields prone to high stubble damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (kmph/mph)					
		mm in	mm in					Free rolling					
		10	25	40	50								
		6	16	25	31								
20.5X8.0-10	6JA	203	518	319	1520	10	6.2	1070	910	770	690		
		8	20.4					59.8	2360	2010	1700	1520	
215/75-14	6J	216	685	12.6	81.6	10	3.7	1740	1480	1240	1120		
		8.5	27					54	3840	3260	2730	2470	
11L-15SL	8LB	279	777	13.8	91.4	12	3.6	2250	1910	1610	1450		
		11.0	30.6					52	4960	4210	3550	3200	
12.5L-15SL	10LB	318	823	14.7	96.7	12	3.6	2710	2310	1940	1750		
		12.5	32.4					52	5980	5090	4280	3860	
9.5L-15SL	8LB	251	767	13.9	91.2	12	4.4	2250	1910	1610	1450		
		9.9	30.2					64	4960	4210	3550	3200	

# AGRIFLEX+ 881

I-2

SG  
STUBBLE  
GUARD

AS  
ALL  
STEEL



Agriflex+ 881 is the latest addition to Alliance's engineered series of Agriflex tires. Specially designed to provide higher load carrying capacities for Planters, balers, trailers and agricultural implements. It can carry up to 40% more load at the same amount of pressure while ensuring minimum soil compaction.



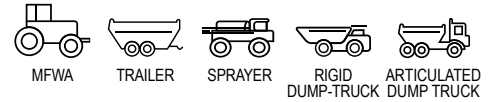
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (kmph/mph)							
		mm in	mm in					Static	10	20	30	40	50	60	65
		6	12	19	25	31	37	40							
VF265/70R19.5#	8.25	262	867	382.7	2605	148D	5.6	7250	3470	3280	3210	3150	3150	3150	3150
		10.3	34.1	15.1	102.6	81	15983	7650	7231	7077	6945	6945	6945	6945	
VF285/70R19.5#	8.25	285	889	393.7	2684	150D	5.2	7710	3690	3480	3420	3350	3350	3350	3350
		11.2	35	15.5	105.7	75	16998	8135	7672	7540	7385	7385	7385	7385	
VF245/70R19.5*						145D		-----UNDER DEVELOPMENT-----							

# Limited Release

# 331 FLOTATION

FLOTATION

1-3



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press. bar psi	Recommend load, kg (lbs)							
		SW	OD					Drive Wheel				Free rolling			
		mm in	mm in	mm in	mm in	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
38X18.00-20	W14L W14LH	456 18	991 39	438 17.2	2890 113.8	12PR	3.7 54	1890 4170	1450 3200	1330 2930	1250 2760	2640 5820	2030 4480	1860 4100	1750 3860
						129A8									
						127B									
						118A8									
42X25.00-20	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	116B	2.4 35	1990 4390	1530 3370	1400 3090	1320 2910	2870 6330	2200 4850	2010 4430	1900 4190
						10PR									
						132A8 130B									
						120A8118B									
						12PR									
48X25.00-20	20.50VF	635 25	1245 49	548 21.6	3620 142.5	137A8 135B	3.1 45	2340 5160	1800 3970	1640 3620	1550 3420	3290 7250	2530 5580	2310 5090	2180 4810
						125A8 123B									
						10PR									
						146A8 144B									
						133A8 131B									
48X31.00-20	26.00VF	775	1245	550	3630	12PR	2.1 30	2790 6150	2150 4740	1960 4320	1850 4080	4000 8820	3070 6770	2810 6200	2650 5840
						151A8 149B									
						139A8 137B									
						144A8 142B									
						131A8 129B									
500/45-20	16.00DC	490 19.3	950 37.4	433 17	2820 111	12PR	2.8 41	3380 7450	2600 5730	2370 5230	2240 4940	4760 10490	3650 8050	3340 7360	3150 6950
						8									
						139A8 135B									
						126A8 123B									
						12									
500/45-20	16.00DC	490 19.3	950 37.4	433 17	2820 111	150A8 148B	1.9 28	2380 5250	2020 4450	1700 3750	1530 3370	3400 7500	2890 6370	2430 5360	2190 4830
						13A8 130B									
						147A8 144B									
						134A8 130B									
						16									
500/45-20	16.00DC	490 19.3	950 37.4	433 17	2820 111	159A8 156B	2.8 41	2970 6550	2520 5560	2120 4670	1910 4210	4310 9500	3660 8070	3075 6780	2770 6110
						147A8 144B									
						16									
						159A8 156B									
						147A8 144B									

# RADIAL SEEDER (352)

1-2



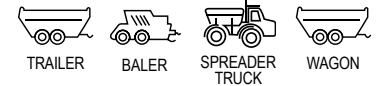
Alliance Radial Seeder is a tire specifically designed for the seeder application. A special stubble resistant compound which gives a better protection on field. The steel belted construction gives a better load distribution and larger footprint along with puncture resistance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)						
		SW	OD					Mixed application						
		mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	60 37		
340/60R15	10LB	335 13.2	790 31.1	356 14	2367 93.2	118D	2.8 41	2375 5240	2180 4810	1990 4390	2110 4650	1600 3530	1320 2910	1770 3900
						124B								

# 381 RADIAL IMPLEMENT

FLOTATION



Alliance 381 Radial Implement is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)											
		Speed, km/h (mph)						Mixed Application											
		Free rolling						Drive Wheel											
		SW	OD					10	25	40	50	65	70	10	25	40	50	65	70
mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	bar psi	6	16	25	31	40	44	6	16	25	31	40	44	
280/70R15	W8	280	775	350	2305	137D (F.R)	5	4140	3635	3125	2785	2300	2095	2970	2605	2245	1995	1650	1500
		11	30.5	13.8	90.7	125D (D.W)	73	9125	8015	6890	6140	5070	4620	6545	5740	4950	4400	3635	3305
340/60R16.5	9.75	335	825	375	2455	147D (F.R)	5.5	5535	4860	4180	3720	3075	2800	3925	3445	2965	2630	2180	1985
		13.2	32.5	14.8	96.7	135D (D.W)	80	12200	10715	9215	8200	6780	6170	8655	7595	6535	5800	4805	4375
						145A8 (F.R)	5	4060	-	2900	2610	-	-	2880	-	2060	1854	-	-
						133A8 (D.W)	73	8932	-	6380	5742	-	-	6336	-	4532	4079	-	-
380/55R16.5	12	380	834	371	2426	148A8 (F.R)	5	4410	-	3150	2835	-	-	3140	-	2240	2016	-	-
		15	32.8	14.6	95.5	136A8 (D.W)	73	9702	-	6930	6237	-	-	6908	-	4928	4435	-	-

# AGRIFLEX 381

FLOTATION



Alliance 381 Agriflex is an IFsteel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Mixed application									
		Static						10		25		30		40		65	
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
IF240/80R15	8LB	245	765	346	2319	125D	3.6	3800	2970	2610	2490	2240	2000	1770	1650		
		9.6	30.1	13.6	91.3		52	8380	6550	5750	5490	4940	4410	3900	3640		
IF265/85R15	8LB	274	832	371	2510	129D	3.24	4260	3330	2920	2790	2520	2240	1980	1850		
		10.8	32.8	14.6	98.8		47	9390	7340	6440	6150	5560	4940	4370	4080		
IF280/70R15	10LB	278	770	345	2322	137D	4.8	5290	4140	3630	3470	3130	2780	2460	2300		
		10.9	30.3	13.6	91.4		58	11650	9120	8000	7640	6890	6120	5420	5070		

Size	Rim	Unloaded dimension		Loaded static radius	RC	LI	Infl. Press	Recommend load, kg (lbs)																									
		Speed, km/h (mph)						Mixed application																									
		Static						10		15		20		25		30		35		40		45		50		55		60		65		70	
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in		
VF340/60R16.5	9.75	335	825	358	2461	4	6670	5220	5017	4785	4582	4379	4176	3944	3741	3509	3306	3103	2900	2639													
		13.2	32.5	14.1	96.9	58	14710	11510	11060	10550	10100	9650	9210	8700	8250	7740	7290	6840	6390	5820													

# AGRIFLEX+ 381

I-2

SB

FLOTATION

STEEL BELTED



Alliance 381 Agriflex + is a VFSteel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
VF340/60R16.5	9.75	335	825	356	2461	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390
VF380/55R16.5	12	380	834	371.7	2527	148D	5	6615	5513	4851	4631	4190	8265	3339	3150
		SDC12	15	32.8	14.6	99.5		73	14584	12154	10695	10210	9237	8265	7361
VF320/70R15	10LB	320	829	375	2481	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390

# 442

HF-1

SG

STUBBLE GUARD



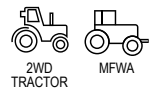
Alliance 442 provides excellent performance for free-rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer and manure spreaders.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. Press	Recommend load				
		SW	OD					Speed				
								Free Rolling				
								mm / in	mm / in	mm / in	mm / in	mm / in
31x13.50-15	10LB	345	800	393	2519	14	6.2	4770	2840	2380	2020	1800
		13.6	31.5	15.5	99.2	128B{fr}	90	10520	6260	5250	4450	3970

# 208A

IMP



Alliance 208A lug type pattern ensures optimum traction on soft soil and good road-ability. A strong carcass, with nylon plies, permits better load carrying capacity while improving tire life for various tractor front applications. The presence of breaker(s) offer an improved footprint which aids ground stability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)															
		SW	OD					Speed, km/h (mph)															
								Free rolling								Drive Wheel							
								mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
12.5/80-18 IMP	W9	308	985	444	2948	10	3.1	3995	2261	2142	2023	1904	1700	1530	4010	3232	3062	2892	2722	2430	2187		
		SDC9	12.1	38.8	17.5	116.1	139A8/135B	45	8810	4990	4720	4460	4200	3750	3370	8840	7130	6750	6380	6000	5360	4820	

# AGRI - LOADER

## 344 LS-2



Alliance 344 represents the most sophisticated steel belted tire design for application on Loaders. Its high, wide and robust lugs at low angle provide excellent grip for working on a wide range of severe terrains or when high traction forces are necessary for hard operations. Strong lugs enable efficient work, while large contact area efficiently protects the soil against excessive compaction. Strong steel breakers reinforce basic textile tire structure providing efficient puncture protection. Special durable tread compound, together with high under tread gauge and strong & thick sidewalls enable long secure work in all uses.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)									
		Speed, km/h (mph)										Cyclic Applications					
		Constant load															
		SW mm in	OD mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	5 3	10 6
750/55R26.5 STEEL BELTED	AG24.00	740 29.1	1485 58.5	672 26.5	4532 178.4	177A8	4.5 65	16790 36980	9130 20110	8250 18170	7960 17530	7740 17050	7590 16720	7450 16410	7300 16080	12190 26850	10950 24120

## 370 R-1W



Alliance 370 wide base radial tires are developed for loaders and for field and hauling applications. The tire provides higher load capacity (about 10% more) at the same inflation pressure compared with the standard. The special R-1W traction tread pattern with radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizes soil compaction and increases flotation abilities.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)								
		Speed, km/h (mph)									Field operation					
		Not high and sustained torque; Road transport						Field operation								
								Low Torque		High Torque						
		SW mm in	OD mm in					mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25
620/70R26	DW20B W18L	625 24.6	1500 59.1	662 26.1	4388 172.8	177A8	4 58	16790 36938	10950 24090	8100 17820	7810 17182	7300 16060	7300 16060	10220 22484	8760 19272	7810 17182





# FORESTRY





A photograph of a log skidder in a forest, overlaid with a red tint and a black diagonal bar. The skidder is carrying a large log. The text "LOG SKIDDER" is written in white, bold, sans-serif font across the lower part of the image.

# LOG SKIDDER



# 345 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance 345 Forestar is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip. Its wide inter-lug space gives self cleaning characteristics which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 345 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application									
								Speed, km/h (mph)								cable/grapple skidders	
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Recommended load, kg (lbs)					bar psi	10 6		
		mm in	mm in						Static	15 9	25 16	30 19	40 25			50 31	
										logging or forestry service							
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	14											
						148A6	2.5	8510	3780	3470	3150	2840	-	2.9	4410		
						159A2	36	18740	8330	7640	6940	6260	-	42	9710		
						16	2.75	9590	4260	3910	3550	3195	-	-	-		
						152A6	40	21140	9390	8620	7830	7040	-	-	-		
23.1-26	DW20	587 23.1	1610 63.4	750 29.5	4862 191.4	14											
						157A6	2.1	11140	4950	4540	4125	3710	-	2.4	5780		
						169A2	30	24540	10900	10000	9090	8170	-	35	12730		
						16	2.4	12150	5400	4950	4500	4050	-	2.75	6240		
						160A6	35	26790	11910	10910	9920	8930	-	40	13760		
						172A2											
28L-26	DW25B	715 28.1	1638 64.5	746 29.4	4861 191.4	16											
						160A6	1.9	12260	5450	4990	4540	4090	-	2.3	6360		
						172A2	28	27000	12000	10990	10000	9010	-	33	14010		
						20	2.4	13910	6180	5670	5150	4640	-	2.8	7210		
						165A6	35	30640	13610	12490	11340	10220	-	41	15880		
						177A2											
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	14											
						148A6	2.9	8510	3780	3470	3150	2840	-	3.3	4410		
						159A2	42	18740	8330	7640	6940	6260	-	48	9710		
						16	3.25	9050	4020	3690	3350	3015	-	-	-		
						150A6	47	19950	8860	8140	7390	6650	-	-	-		
18.4-30	DW16A	470 18.5	1377 54.2	723.5 28.5	4667 183.7	14											
						148A6	2.5	8780	3900	3580	3250	2930	-	2.9	4550		
						159A2	36	19340	8590	7890	7160	6450	-	42	10020		
						16	2.75	9860	4380	4020	3650	3285	-	-	-		
						153A6	40	21740	9660	8860	8050	7240	-	-	-		
24.5-32	DW21B	622 24.5	1817 71.5	833 32.8	5450 214.6	16											
						164A6	2.1	13500	6000	5500	5000	4500	-	2.4	7000		
						176A2	30	29740	13220	12110	11010	9910	-	35	15420		
						20	2.7	15660	6960	6380	5800	5220	-	3.1	8250		
						169A6	39	34490	15330	14050	12780	11500	-	45	18170		
						181A2											
30.5L-32	DW27B DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	16											
						166A6	1.7	14310	6360	5830	5300	4770	-	2.05	7420		
						178A2	25	31520	14010	12840	11670	10510	-	30	12930		
						18	2.05	16200	7200	6600	6000	5400	-	2.4	8250		
						170A6	30	35680	15860	14540	13220	11890	-	35	18170		
						181A2											
						20	2.15	19170	8520	7810	7100	6390	-	2.5	8500		
						171A6	31	42220	18770	17200	13550	14070	-	36	18720		
						182A2											
						26	2.75	19170	8520	7810	7100	6390	-	3.1	10000		
						176A6	40	42220	18770	17200	15640	14070	-	45	22000		
						188A2											

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		SW	OD	Recommended load, kg (lbs)												
		mm in	mm in	logging or forestry service						bar psi						
				Static	15 9	25 16	30 19	40 25	50 31							
DH35.5L-32	DH31	896	2010	919	5979	20	1	19710	8760	8030	7300	6570	-	2.15	10300	
		35.3	79.1	36.2	235.4	177A6		26	43410	19300	17690	16080	14470	-	31	22690
								26								
								183A6	2	23630	10500	9630	8750	7880	-	2.8
						195A2	35	52050	23130	21210	19270	17360	-	41	26760	
18.4-34	DW16A	467	1656	768	4971	14	2.5	9050	4020	3690	3350	3020	-	2.9	4690	
		18.4	65.2	30.2	195.7	150A6		36	19930	8850	8130	7380	6650	-	42	10330
								162A2	2.75	10130	4500	4130	3750	3375	-	
18.4-38*							154A6	40	22330	9920	9110	8270	7440	-		

-----UNDER DEVELOPMENT-----

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)								
		SW	OD	Recommended load, kg (lbs)												
		mm in	mm in	Log Skidder Application						bar psi						
				Static	15 9	20 12	25 16	30 19	40 25							
28L-26	DW25B	714	1644	760	4968	26	3.4	17550	7800	7480	7150	6500	5850	3.8	9000	
		28.1	64.7	29.9	195.6	173A6/184A2		49	38691	17196	16491	15763	14330	12897	55	19842
24.5-32	DW21	622	1817	835	5350	20	2.7	15660	6960	6670	6380	5800	5220	3.1	8500	
		24.5	71.5	32.9	210.6	169A6		39	34524	15344	14705	14065	12787	11508	45	18739
30.5L-32	DH27	775	1847	850.1	5549	26	2.8	19170	-	8170	-	7100	6390	3.1	10000	
		30.5	72.7	33.5	218.5	176A6/188A2		41	42263	-	18012	-	15653	14088	45	22046







**FORWARDER  
AND HARVESTER**

# 342 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application					
		Speed, km/h (mph)						Recommended load, kg (lbs)					
		Drive wheel						Static	10 6	20 12	30 19	40 25	50 31
		SW	OD										
mm in	mm in	mm in	mm in	bar psi									
600/50R24.5	AG20.00	615	1226	565	3754	164A8	5.5	11500	7500	6150	5350	5000	4550
		24.2	48.3	22.2	147.8	171A2	73	25330	16520	13550	11780	11010	10020
650/45R24.5	AG20.00	635	1225	565	3745	20	5.0	10640	6940	5690	4950	4625	4210
		25	48.2	22.2	147.5	161A8 168A2	73	23440	15290	12530	10900	10190	9270
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5.0	11210	7310	6000	5220	4875	4440
		28	48.4	22.4	147.8	170A2	73	24690	16100	13220	11500	10740	9780
600/55R26.5	AG20.00	600	1340	623	4080	165A8	5.0	11850	7730	6330	5510	5150	4690
		23.6	52.8	24.5	160.6	172A2	73	26100	17030	13940	12140	11340	10330
710/45R26.5	AG24.00	714	1334	621	4113	168A8	5.0	12880	8400	6890	5990	5600	5100
		28.1	52.5	24.4	161.9	175A2	73	28370	18500	15180	13190	12330	11230
600/65R34	DW20B	610	1642	772	4992	169A8	4.0	11850	7730	6330	5510	5150	4690
		24	64.6	30.4	196.5	172A2	58	26100	17030	13940	12140	11340	10330
710/55R34	DW24B	720	1644	770	4998	171A8	4.0	14150	9230	7560	6580	6150	5600
		28.3	64.7	30.3	196.8	178A2	58	31170	20330	16650	14490	13550	12330
650/65-38	DW20B DW18B	660	1840	850	5586	16	3.2	14150	9230	7560	6580	6150	5600
		26	72.4	33.5	219.9	171A8 179A2	46	31170	20330	16650	14490	13550	12330
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600
		25.6	71.3	33.1	217.4	178A2	52	31170	20330	16650	14490	13550	12330
710/70R42	DW23B	730	2050	956	6174	173A8	3.0	14950	9750	8000	6960	6500	5920
		28.7	80.7	37.6	243.1	182A2	44	32930	21480	17620	15330	14320	13040

# 343 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance Forestar 343 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and thick sidewalls.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application				
		Speed, km/h (mph)						Recommended load, kg (lbs)				
		Drive wheel						Static	10 6	20 12	30 19	40 25
		SW	OD									
mm in	mm in	mm in	mm in	bar psi								
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3562 140.2	16	3.2	7480	4550	4000	3480	3250
						149A8	46	16480	10020	8810	7670	7160
						156A2	5.5	11500	7000	6150	5350	5000
						164A8	80	25330	15420	13550	11780	11010



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application														
								Speed, km/h (mph)														
		SW	OD	mm in	mm in			Recommended load, kg (lbs)														
		mm in	mm in					Drive wheel														
		mm in	mm in					Static	10 6	20 12	30 19	40 25										
710/40-22.5	24.00DC	710 28	1170 46.1	546 21.5	3569 140.5	16	3.2 46	8170 18000	4970 10950	4370 9630	3800 8370	3550										
						152A8 159A2						7820										
650/45-24.5	22.00DC	640 25.2	1230 48.4	573.98 22.6	3745 147.4	20	5 73	10640 23460	6480 14290	5690 12540	4950 10910	4625										
						163A8 170A2						10200										
710/40-24.5	24.00DC	710 28	1235 48.6	582 22.9	3780 148.8	20	5 73	11210 24690	6830 15040	6000 13220	5220 11500	4875										
						163A8 170A2						10740										
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4068 160.2	16	4 58	9780 21540	5950 13110	5230 11520	4550 10020	4250										
						158A8 166A2						9360										
						20						5 73	11850 26100	7210 15880	6330 13940	5510 12140	5150					
						165A8 172A2											11340					
						24											6 87	13800 30420	8400 18520	7380 16270	6420 14150	6000
						170A8 177A2																13230
16	4 58	13340 29380	8120 17890	7130 15700	6210 13680	5800																
169A8 176A2						12780																
20						5 73	15410 33940	9380 20660	8240 18150	7170 15790	6700											
174A8 181A2											14760											
20											5 73	13800 30420	8400 18520	7380 16270	6420 14150	6000						
170A8 177A2																13230						
16	4 58	10640 23440	6480 14270	5690 12530	4950 10900											4625						
161A8 168A2																10190						
20						5 73	12880 28370	7840 17270	6890 15180	5990 13190						5600						
168A8 175A2																12330						
24											6 87	14950 32930	9100 20040	8000 17620	6960 15330	6500						
173A8 180A2																14320						
16	4 58	14490 31920	8820 19430	7750 17070	6740 14850											6300						
172A8 179A2																13880						
20						5 73	16790 36980	10220 22510	8980 19780	7810 17200						7300						
177A8 184A2																16080						
26											6.5 94	20700 45590	12600 27750	11070 24380	9630 21210	9000						
184A8 191A2																19820						
16	4 58	11210 24690	6830 15040	6000 13220	5220 11500											4875						
163A8 170A2																10740						
20						5 73	13800 30400	8400 18500	7380 16260	6420 14140						6000						
170A8 177A2																13220						
20											5 73	18400 40530	11200 24670	9840 21670	8560 18850	8000						
180A8 187A2																17620						

# 344 FORESTAR

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



Forestry 344 Forestar LS-2 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application										
								Speed, km/h (mph)										
		Recommended load, kg (lbs)																
		Drive wheel																
mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25								
600/50-22.5	20.00DC	600	1170	540	3502	16	3.2	7940	4830	4240	3690	3450						
		23.6	46.1	21.3	137.9	151A8							46	17490	10640	9340	8130	7600
710/40-22.5	24.00DC	700	1170	540	3502	16	3.6	8630	5250	4610	4010	3750						
						154A8							52	19010	11560	10150	8830	8260
						161A2	4	9200	5600	4920	4280	4000						
						20							58	20260	12330	10840	9430	8810
710/40-24.5	AG24.00	710	1230	579	3828	20	5	11210	6830	6000	5220	4875						
		28	48.4	22.8	150.7	163A8	73	24690	15040	13220	11500	10740						
650/45-24.5	AG22.0	640	1234	579	3720	20	5	10640	6480	5690	4950	4625						
		25.2	48.6	22.8	146.5	161A8	73	23440	14270	12530	10900	10190						
54x37.00-25	32.0TH	920	1435	672	4335	12	2.4	9780	5950	5230	4550	4250						
						158A8							35	21540	13110	11520	10020	9360
						166A2	4	12650	7700	6770	5890	5500						
						20							58	27860	16960	14910	12970	12110
600/55-26.5	20.00DC	620	1340	619	4053	20	5	11850	7210	6330	5510	5150						
						165A8							73	26100	15880	13940	12140	11340
						172A2	6	13800	8400	7380	6420	6000						
						24							87	30400	18500	16260	14140	13220
						170A8							4	13340	8120	7130	6210	5800
177A2	58	29380	17890	15700	13680	12780												
650/65-26.5	20.00DC	650	1485	690	4502	16	5	15410	9380	8240	7170	6700						
						169A8							73	33940	20660	18150	15790	14760
						174A8	5	12880	7840	6220	5990	5600						
181A2	73	28370	17270	13700	13190	12330												
700/50-26.5	24.00DC	710	1340	620	4016	20	5	12880	7840	6220	5990	5600						
		28	52.8	24.4	158.1	168A8							73	28370	17270	13700	13190	12330
710/45-26.5	24.00DC	710	1340	620	4059	16	4	10640	6480	5690	4950	4625						
						161A8							58	23440	14270	12530	10900	10190
						168A2	5	12880	7840	6890	5990	5600						
						20							73	28370	17270	15180	13190	12330
710/60-26.5	AG20.00	705	1490	692	4569	24	6	14950	9100	8000	6960	6500						
						173A8							87	32930	20040	17620	15330	14320
						180A2	5	16790	10220	8980	7810	7300						
20	73	36980	22510	19780	17200	16080												
750/55-26.5	24.00DC	750	1485	690	4554	16	4	14490	8820	7750	6740	6300						
						172A8							58	31920	19430	17070	14850	13880
						179A2	5	16790	10220	8980	7810	7300						
						20							73	36980	22510	19780	17200	16080
800/40-26.5	28.00DC	800	1340	620	4037	20	4.5	13800	8400	7380	6420	6000						
		31.5	52.8	24.4	158.9	170A8							65	30400	18500	16260	14140	13220
800/40R26.5	AG28.00	800	1324	610	4037	20	4.5	13800	9000	7380	6420	6000						
						31.5							52.8	24.4	158.1	170A8	65	30400
870/45-26.5	AG28.00	870	1430	666.54	4264	20	4	13800	8400	7380	6420	6000						
						34.3							56.3	26.2	167.9	170A8	58	30400
						177A2												

# 346 FORESTAR

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



FORESTRY FORWARDER



FOREST HARVESTER

Forestar 346 Forestry Flotation is a bias belted tire with steel reinforcement for high puncture resistance. The tire has a special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application						
		SW	OD					Speed, km/h (mph)						
								Recommended load, kg (lbs)						
		mm in	mm in					Drive wheel						
				mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25			
600/65-34	DW20A	600	1640	762	4927	14	2.4	9490	5780	5070	4410	4125		
		23.6	64.6	30	194	157A8							35	20900
								16	4.5	10350	6300	5540	4820	4500
								160A8						
700/55-34	DW24A	700	1650	766	5051	14	2.4	10640	6480	5690	4950	4625		
		27.6	65	30.2	198.9	161A8							35	23440
								20	4.5	11500	7000	6150	5350	5000
								164A8						
700/70-34	DW20A	721	1850	863	5611	20	4.2	14950	9100	8000	6960	6500		
		28.4	72.8	34	220.9	173A8							61	32930
						180A2								

# 643 FORESTAR III

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



FORESTRY FORWARDER



FOREST HARVESTER

Forestar 643 III is designed to deliver the ultimate track compatibility. Even without tracks it provides exceptional grip under critical forestry conditions. Outstanding stability, excellent self-cleaning and resilient construction make it the perfect solution for all the forestry needs.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application					
		SW	OD					Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		mm in	mm in					mm in	mm in	mm in	mm in	bar psi	Static
710/40-22.5	AG24.00	710	1166	546	3573	20	5.5	10640	6480	5690	4950	4625	4210
		27.95	45.9	21.49	140.66	161A8							
710/45-26.5	AG24.00	710	1340	633	4085	20	5	15120	7840	6890	5990	5600	5100
		27.95	52.75	24.92	160.82	168A8							
	AG 24.00	700	1340	631	4129	24	6	17550	-	8000	6960	6500	-
		27.6	52.8	24.8	162.6	173A8							
750/55-26.5	AG24.00	750	1490	689	4565	24	6	19550	11900	10460	9100	8500	7740
		29.5	58.7	27.1	180	182A8							
780/50-28.5	AG26.00	780	1525	708	4659	24	6	19550	11900	10460	9100	8500	7740
		30.7	60	27.9	183.4	182A8							
						190A2							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		Road Service			Forestry use									
		SW mm in	OD mm in	mm in	mm in	PR	Load Index Symbols	bar psi	Static	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT
710/40-22.5	AG24.00	700	1166	540	3559	20	161A8	5	12490	5690	4950	4625	4625	5600
		27.6	45.9	21.3	140.1	168A2	73	27536	12544	10913	10196	10196	12346	
710/40-24.5	AG24.00	710	1230	574	3768	20PR	20PR	5	13160	6000	5220	4875	4875	6000
		28	48.4	22.6	148.3	163A8	73	29010	13230	11510	10750	10750	13230	
780/50-28.5	AG26.00	780	1525	711	4647	24	182A8	6	22950	10460	9100	8500	8500	10600
		30.7	60	28	183	190A2	87	50596	23060	20062	18739	18739	23369	
750/55-26.5	AG24.00	750	1490	694	4565	24	182A2	6	22950	10460	9100	8500	8500	10300
		29.5	58.7	27.3	179.7	189A2	87	50596	23060	20062	18739	18739	22708	

# 644 FORESTAR III

LS-2

SC  
SPECIAL COMPOUND

SB  
STEEL BELTED



Forestar 644 III is specially designed with dual lug angle to provide supreme grip and traction. Sturdy construction ensures exceptional performance under challenging operating conditions. Outstanding resistance against damages assures maximum tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Symbols	Infl. press.	Constant load application					
									Speed, km/h (mph)					
		Recommended load, kg (lbs)												
		Drive wheel						bar psi	Static	10 6	20 12	30 19	40 25	50 31
600/50-22.5	AG20.00	600	1170	551	3602	20	159A8	5	10060	6130	5380	4680	4375	3980
		23.62	46.06	21.69	141.8	167A2	72.5	22160	13500	11850	10310	9640	8770	
710/40-22.5	AG24.00	710	1166	549	3586	20	161A8	5	10640	6480	5690	4950	4625	4210
		28	45.9	21.6	141.1	168A2	73	23460	14290	12540	10910	10200	9280	
710/40-24.5	AG24.00	690	1230	564	3726	20	163A8	5	13160		6000	5220	4875	
		27.2	48.4	22.2	146.7	170A2	73	29010		13230	11510	10750		
600/55-26.5	AG20.00	610	1340	626	4113	20	165A8	5	11850	7210	6330	5510	5150	4690
		24.01	52.75	24.6	161.9	172A2	73	26100	15880	13940	12140	11340	10330	
710/45-26.5	AG24.00	710	1340	628	4098	20	168A8	5.5	12880	7840	6890	5990	5600	5100
		27.95	52.75	24.72	161.34	175A2	80	28370	17270	15180	13190	12330	11230	
710/45-26.5	AG24.00	700	1340	630	4117	24	173A8	6	17550		8000	6960	6500	
		27.6	52.8	24.8	162.1	180A2	87	38690		17640	15340	14330		
750/55-26.5	AG24.00	750	1490	683	4467	24	182A8	6	17710	10780	9470	8240	7700	7010
		29.52	58.66	26.89	175.8	189A2	87	39010	23740	20860	18150	16960	15440	
800/40-26.5	AG28.00	780	1340	635	4069	20	170A8	5	13800	8400	7380	6420	6000	5460
		30.7	52.8	25	160.2	177A2	73	30420	18520	16270	14150	13230	12040	
710/55-28.5	AG24.00	702	1525	711	4646	24	180A8	6	18400	11200	9840	8560	8000	
		27.6	60	28	182.9	187A2	87	40570	24690	21690	18870	17640		
780/50-28.5	AG26.00	780	1525	715	4659	24	182A8	6	22950		10460	9100	8500	
		30.7	60.0	28.1	183.4	190A2	87	50600		23060	20060	18740		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)				
								Speed, km/h (mph)				
		Road Service										
		SW mm in	OD mm in	mm in	mm in	PR	Load Index Symbols	bar psi	Static	20 12	30 19	40 25
600/50-22.5	AG20.00	600	1170	551	3602	20	159A8	5	11810	5380	4680	4375
		23.6	46.1	21.7	141.8	167A2	73	26037	11861	10318	9645	
710/40-22.5	AG24.00	700	1166	545.6	3587	20	161A8	5	12490	5690	4950	4625
		27.6	45.9	21.5	141.2	168A2	73	27536	12544	10913	10196	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)			
		Speed, km/h (mph)						Road Service			
		SW	OD	Static	20 12	30 19	40 25				
		mm in	mm in					mm in	mm in		
780/50-28.5	AG26.00	780	1525	690	4639	24 182A8	6	22950	10460	9100	8500
		30.7	60	27.2	182.6	190A2	87	50596	23060	20062	18739
600/55-26.5	AG20.00	600	1340	629	4102	24 170A8	6	16200	7380	6420	6000
		23.6	52.8	24.8	161.5	177A2	87	35715	16270	14154	13228
750/55-26.5	AG24.00	750	1490	685	4517	24 182A8	6	22950	10460	9100	8500
		29.5	58.7	27	177.8	189A2	87	50596	23060	20062	18739
710/55-28.5	AG24.00	702	1525	710.4	4646	24 180A8	6	21600	9840	8560	8000
		27.6	60	27.9	182.9	187A2	87	47620	21693	18872	17637
800/40-26.5	AG28.00	790	1340	622	4105	24 176A8	6	19170	8730	7600	7100
		31.1	52.8	24.5	161.6	183A2	87	42260	19250	16760	15650

## 344 FORESTAR ELIT



The advanced Low pressure (LP) 344 designed with improved construction and flexible strong sidewall enable the tire to carry the same load as a STD tire with half the air pressure value. It offers a significantly large footprint leading to low soil compaction and also a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational forest work productivity. The tread pattern enables an excellent grip in all terrains. The tire is equipped with steel reinforcement belt for high puncture resistance. A special tread compound enables long tire life and the reinforced dual bead of the tire and the reduced inflation pressure provides exceptional performance and stability. Its lug angle provides excellent grip and exhibits self-cleaning characteristics. The close spacing of the lugs in the center of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains with or without chains or bogie tracks



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application				
		Speed, km/h (mph)						Constant load application				
		SW	OD	Static	10 6	20 12	30 19	40 25				
		mm in	mm in						mm in	mm in		
600/55-26.5	AG20.00	600	1330	608	3965	20	2.5	11850	7210	6330	5510	5150
		23.6	52.4	23.9	156.1	165A8 172A2	36	26130	15900	13960	12150	11350
710/40-24.5	AG24.00	710	1230	560	3705	20	2.5	11210	6830	6000	5220	4875
		28	48.4	22	145.9	163A8 170A2	36	24714	15058	13228	11508	10748
710/45-26.5	AG24.00	710	1330	602	3974	20	2.5	12880	7840	6890	5990	5600
		28	52.4	23.7	156.5	168A8 175A2	36	28396	17284	15190	13206	12346
750/55-26.5	AG24.00	750	1485	664	4436	20	2.5	16790	10220	8980	7810	7300
		29.5	58.5	26.1	174.6	177A8 184A2	36	37016	22531	19797	17218	16094
800/40-26.5	AG28.00	800	1340	600	3993	20	2.5	13800	8400	7380	6420	6000
		31.5	52.8	23.6	157.2	170A8 177A2	36	30424	18519	16270	14154	13228





**FORESTRY FLOTATION  
AND TRAILER**

# 328 FORESTRY

I-3



FLOTATION

Alliance 328 Heavy Duty Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. Special reinforced bead, steel belt and heavy duty construction are some the unique features of this tire's construction. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is developed for agricultural baler applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application					
		SW	OD					Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25			
							14						
							145A8	3.5	6670	4060	3220	3100	2900
							153A2	51	14690	8940	7090	6830	6390
							16						
400/60-15.5	13.00DC	404	864	380	2509	148A8	4	7250	4410	3500	3370	3150	
		15.9	34	15	98.8	155A2	58	15970	9710	7710	7420	6940	
									20				
							152A8	5	8170	4970	3940	3800	3550
							159A2	73	18000	10950	8680	8370	7820
500/60-15.5	16.00DC	503	994	439	2894	150A8	3.3	7710	4690	3720	3580	3350	
		19.8	39.1	17.3	113.9	157A2	48	16980	10330	8190	7890	7380	
									12				
500/55-17	16.00	503	980	441	2906	148A8	3.3	7250	4410	3500	3370	3150	
		19.8	38.6	17.4	114.4	155A2	48	15970	9710	7710	7420	6940	
									16				
500/45-22.5	16.00DC	500	1050	489	3153	148A8	3.6	7250	4410	3500	3370	3150	
		19.7	41.3	19.3	124.1	155A2	52	15970	9710	7710	7420	6940	
									12				

# 331 FORESTRY

I-3



FLOTATION

Alliance 331 Flotation diagonal forestry tire is developed mainly for use in modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises long tire life under heavy working conditions in forests as well as smooth working in fields.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application					
		SW	OD					Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25			
							16						
							151A8	3.2	8050	4900	3890	3750	3500
							158A2	46	17730	10790	8570	8260	7710
500/60-22.5	16.00DC	500	1170	540	3465	158A8	4	9780	5950	4720	4550	4250	
		19.7	46.1	21.3	136.4	165A2	58	21540	13110	10400	10020	9360	
									12				
550/45-22.5	16.00DC	550	1080	497	3271	140A8	2.4	5750	3500	2780	2680	2500	
		20.00DC	21.7	42.5	19.6	128.8	147A2	35	12670	7710	6120	5900	5510
									12				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application				
								Speed, km/h (mph)				
		SW	OD	mm in	mm in	Recommended load, kg (lbs)						
		mm in	mm in			Drive wheel						
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25			
600/40-22.5	20.00DC	600 23.6	1110 43.7	515 20.3	3356 132.1	16	3.2 46	7250 15970	4410 9710	3500 7710	3370 7420	3150
						148A8						6940
						155A2						
500/60-26.5	16.00DC	500 19.7	1270 50	590 23.2	3838 151.1	16	4 58	11210 24690	6830 15040	5410 11920	5220 11500	4875
						163A8						10740
						170A2						
						22						6000
						170A8						13220
177A2												
600/60-30.5	20.00DC	600 23.6	1500 59.1	696 27.4	4504 177.3	20	4 58	12880 28370	7840 17270	6220 13700	5990 13190	5600
						168A8						12330
						175A2						
700/50-30.5	24.00DC	700 27.6	1510 59.4	699 27.5	4528 178.3	20	3.7 54	13340 29380	8120 17890	6440 14190	6210 13680	5800
						169A8						12780
						176A2						
800/45-30.5	28.00DC	800 31.5	1520 59.8	704 27.7	4561 179.6	20	3.5 51	15410 33940	9380 20660	7440 16390	7170 15790	6700
						174A8						14760
						181A2						







**AGRO  
FORESTRY**

# AGRO-FORESTRY 333

R-1W

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



FLOTATION

333 Agro-Forestry is a special forestry construction tire suitable for tough Agro Forestry applications. It's steel belted construction ensures increased puncture protection and minimizes penetration damage. Improved forestry compound provides protection from cut & chip resistance. The tire's high NSD & sharp shoulders provide superior traction, even on uneven ground & wet soil conditions. The shoulder ridge provides added rubber on the critical void area, to help resist penetration and ensures a long tire life. The bridge in the tire's centre line add stability and strength to the base of the lugs. Flatter footprint of the tire results into better ground contact thus offering lower soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Static	Recommended load , kg (lbs)				
		SW mm in	OD mm in							Speed, km/h (mph)				
										Mixed Application				
										10 6	25 16	30 19	40 25	50 31
320/85-24	W11	320	1165	529	3445	14	127A8	2.4	4030	2630	1940	1870	1750	1610
	W10	12.8	45.9	20.8	135.6		124B	35	8880	5790	4270	4120	3850	3550
380/85-24	W12	380	1260	570	3723	14	137A8	2.4	5290	3450	2550	2460	2300	2120
		15	49.6	22.4	146.6		134B	35	11650	7600	5620	5420	5070	4670
380/85-28	W12	380	1357	623	4060	14	139A8	2.4	5590	3650	2700	2600	2430	2210
		15	53.4	24.5	159.8		136B	35	12310	8040	5950	5730	5350	4870
420/85-30	W15 W14L W13L	418	1475	672	4376	14	145A8	2.4	6670	4350	3220	3100	2900	2660
						141B	35	14690	9590	7090	6830	6390	5860	
		16.5	58.1	26.5	172.3	16	150A8	2.8	7710	5030	3720	3580	3350	3050
						147B	41	16980	11080	8190	7890	7380	6720	
460/85-30	DW15L W14L W15L	455	1544	702	4584	14	150A8	2.4	7710	5030	3720	3580	3350	3080
						147B	35	16980	11080	8190	7890	7380	6780	
		17.9	60.8	27.6	180.5	16	155A8	2.8	8910	5190	4300	4150	3875	3530
						152B	41	19630	11430	9470	9140	8540	7780	
420/85-34	W15L W14L W13L	418	1578	724	4705	14	147A8	2.4	7070	4610	3410	3290	3075	2820
		16.5	62.1	28.5	185.2		144B	35	15570	10150	7510	7250	6770	6210
460/85-34	W16	470	1650	751	4888	14	152A8	2.4	8170	5330	3940	3800	3550	3260
						149B	35	18000	11740	8680	8370	7820	7180	
		18.5	65.0	29.6	192.4	16	156A8	2.8	9200	6000	4440	4280	4000	3640
						153B	41	20260	13220	9780	9430	8810	8020	
420/85-28	W15L W14L	430	1425	670	4313	14	144A8	2.4	6440	4200	3110	3000	2800	2570
		16.9	56.1	26.4	169.8		141B	35	14190	9250	6850	6610	6170	5660
420/85-38	W15 W14L W13L	430	1680	774	5021	14	149A8	2.4	7480	4880	3610	3480	3250	2980
		16.9	66.1	30.5	197.7		146B	35	16480	10750	7950	7670	7160	6560
460/85-38	DW16L	460	1747	801	5206	14	154A8	2.4	8630	5630	4160	4010	3750	3410
						151B	35	19010	12400	9160	8830	8260	7520	
		18.1	68.8	31.5	205	16	158A8	2.8	9780	6380	4720	4550	4250	3870
						155B	41	21540	14050	10400	10020	9360	8520	
520/85-38	DW16L DW18L	520	1860	864	5518	14	160A8	2.4	10350	6750	5000	4820	4500	4130
						157B	35	22810	14880	11020	10620	9910	9100	
		20.5	73.2	34	217.2	16	164A8	2.8	11500	—	5550	5350	5000	4550
						160B	41	25330	—	12220	11780	11010	10020	
520/85-42	DW16L	520	1950	905	5785	16	162A8	2.4	10925	7125	5270	5080	4750	4375
		20.5	76.8	35.6	227.7		159B	35	24085	15705	11620	11200	10470	9645



# 360

**R-1W**

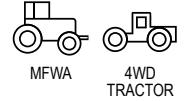
**SC**

**SB**

FLOTATION

SPECIAL COMPOUND

STEEL BELTED



Alliance 360 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



## AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application				
		SW	OD					Speed, km/h (mph)				
								Recommended load, kg (lbs)				
		Drive wheel										
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25			
480/65-24	W15	470	1250	582	3702	140A8	2.4	5750	3750	2780	2680	2500
	W14L	18.5	49.2	22.9	145.7	147A2	35	12670	8260	6120	5900	5510
480/65-28	W15	460	1350	634	4088	142A8	2.4	6100	3980	2940	2840	2650
	W14L	18.1	53.1	25	160.9	149A2	35	13450	8770	6480	6260	5840
540/65-28	W16	520	1448	668	4331	16	3.3	8860	5780	4270	4120	3850
	W15	20.5	57	26.3	170.5	155A8	48	19520	12730	9410	9070	8480
600/65-28	W18L	570	1500	684	4471	154A8	2.4	8630	5630	4160	4010	3750
	W16L	22.4	59.1	26.9	176	161A2	35	19010	12400	9160	8830	8260
600/65R28	DW20	600	1480	684	4481	154A8	2.4	8630	5630	4160	4010	3750
	W18L	23.6	58.3	26.9	176.4	154A8	35	19010	12400	9160	8830	8260
540/65-30	W16L	525	1490	692	4483	150A8	2.4	7710	5030	3720	3580	3350
	W18L	20.7	58.7	27.2	176.5	157A2	35	16980	11080	8190	7890	7380
540/70-30	W16L	520	1502	693	4510	152A8	2.4	8170	5330	3940	3800	3550
	W18L	20.5	59.1	27.3	177.6	159A2	35	18000	11740	8680	8370	7820
540/65-38	W16L	518	1699	793	5125	153A8	2.4	8400	5480	4050	3910	3650
	W18L	20.4	66.9	31.2	201.8	160A2	35	18500	12070	8920	8610	8040
600/65-38	W18L	557	1760	819	5318	159A8	2.4	10060	6560	4860	4680	4375
	W16L	21.9	69.3	32.2	209.4	166A2	35	22160	14550	10700	10310	9640
650/65-38	DW20A	635	1880	871	5638	16	2.4	11500	7500	5550	5350	5000
		25	74	34.3	222	164A8	35	25330	16520	12220	11780	11010
650/75-38	DW20B	680	1965	902	5850	168A8	2.4	12880	8400	6220	5990	5600
	DW21B	26.8	77.4	35.5	230.3	175A2	35	28370	18500	13700	13190	12330
710/70R38	DW23	716	1940	898	5815	168A8	2.4	12880	8400	6220	5990	5600
		28.2	76.4	35.4	228.9	175A2	35	28370	18500	13700	13190	12330
650/65R42	DW20	655	1950	900	5869	165A8	2.4	11850	7730	5720	5510	5150
	DW18	25.8	76.8	35.4	231	172A2	35	26100	17030	12600	12140	11340

# 365

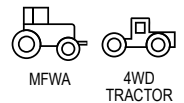
**R-1W**

**SC**

**SB**

SPECIAL COMPOUND

STEEL BELTED



Alliance 365 Agro Forestry is a modern diagonal forestry tire for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tire can also be used for combine harvesters and implements in agriculture. The tire is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All the above characteristics enable smooth and reliable forestry and agro-industrial operations. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



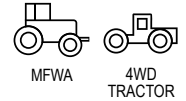
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								1) Not high and sustained torque; 2) Road transport							
		Field													
mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	bar psi	10 6	15 9				
710/70R42	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	173D	2.4	7480	7700	7120	6830	6500	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	44	24340	22200
						177D	3.2	8400	8650	8000	7670	7300	4	12410	11320
						180A8	46	18500	19050	17620	16890	16080	58	27330	24930

# 370

**R-1W**

**SC**  
SPECIAL  
COMPOUND

**SB**  
STEEL  
BELTED



Alliance 370 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



## AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
		SW	OD					Speed, km/h (mph)					
								Recommended load, kg (lbs)					
		mm in	mm in					Drive wheel					
						bar psi	Static	10 6	25 16	30 19	40 25	50 31	
380/70-24	W12	380	1206	558	3614	14							
	W11	15	47.5	22	142.3	130A8	2.7	4370	2850	2110	2030	1900	1730
	W13					138A2	39	9630	6280	4650	4470	4190	3810
420/70-24	W13	418	1265	582	3774	14							
	W12	16.5	49.8	22.9	148.6	138A8	3	5430	3540	2620	2530	2360	2150
	W14L					145A2	44	11960	7800	5770	5570	5200	4740
380/70-28	W12	380	1308	609	3935	14							
	W11	15	51.5	24	154.9	138A8	3	5430	3540	2620	2530	2360	2150
	W13					145A2	44	11960	7800	5770	5570	5200	4740
420/70-28	W13	418	1364	633	4095	14							
	W12	16.5	53.7	24.9	161.2	140A8	2.5	5430	3750	2780	2680	2500	2280
	W14L					147A2	36	11960	8260	6120	5900	5510	5020
480/70-28	W15L	479	1448	668	4334	14							
		18.9	57	26.3	170.6	145A8	2.7	6670	4350	3220	3100	2900	2640
						152A2	39	14690	9580	7090	6830	6390	5810
600/70R30	DW20B	630	1595	738	4785	14							
	DW18L					165A8	3.6	11850	7730	5720	5510	5150	4690
	W18L	24.8	62.8	29.1	188.4	172A2	52	26130	17040	12610	12150	11350	10340
480/70-34	W15L	479	1600	744	4812	14							
	W14L	18.9	63	29.3	189.4	146A8	2.5	6900	4500	3330	3210	3000	2730
	W16L					153A2	36	15200	9910	7330	7070	6610	6010
520/70-34	W16L	516	1659	769	4980	14							
	W18L	20.3	65.3	30.3	196.1	154A8	2.5	8630	5630	4160	4010	3750	3410
						161A2	36	19010	12400	9160	8830	8260	7510
480/70-38	W15L	479	1715	801	5170	14							
	W14L	18.9	67.5	31.5	203.5	150A8	2.7	7710	5030	3720	3580	3350	3050
	W16L					157A2	39	16980	11080	8190	7890	7380	6720
520/70-38	W16L	520	1758	819	5292	14							
	W16A	20.5	69.2	32.2	208.3	155A8	2.5	8910	5810	4300	4150	3875	3530
	W18L					162A2	36	19630	12800	9470	9140	8540	7780
580/70-38	W18A	570	1841	854	5528	14							
		22.4	72.5	33.6	217.6	160A8	2.5	10350	6750	5000	4820	4500	4100
						168A2	36	22800	14870	11010	10620	9910	9030

# 385

R-1W



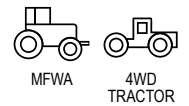
Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges and reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application						
		SW	OD					Speed, km/h (mph)		Recommended load, kg (lbs)				
		mm in	mm in	mm in	mm in	Drive wheel								
						Static	10 6	20 12	30 19	40 25	50 31			
18.4-34	W16L					14								
	DW16	486	1671	750	5007	154A8	2.5	8630	5630	4160	4010	3750	3410	
	W15L	19.1	65.8	29.5	197.1	161A2	36	19010	12400	9160	8830	8260	7510	
	DW15L													
20.8-38	DW18A					14								
	18DD	550	1860	866	5596	159A8	2.3	10060	6560	4860	4680	4375	3980	
	W18A	21.7	73.2	34	220.3	166A2	33	22160	14450	10700	10310	9640	8770	
	W16L													

# 580

R-4



Alliance 580 is a Agro-Forestry radial tire. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces. The steel belted construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. Long tread life and low tread wear are due to the special tread design. Durable tread rubber compound is another feature of this tire.



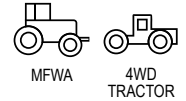
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
		SW	OD					Speed, km/h (mph)		Recommended load, kg (lbs)			
		mm in	mm in	mm in	mm in	Drive wheel							
						Static	10 6	25 15	30 19	40 25	50 31		
400/70-20	13	400	1105	510	3307	156A8	4.7	9200	6000	4440	4280	4000	3640
	11	15.7	43.5	20.1	130.2	163A2	68	20260	13220	9780	9430	8810	8020

# 356

R-1

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing and steel belts, high undertread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application						
		SW	OD					Speed, km/h (mph)						
								Recommended load, kg (lbs)						
		mm in	mm in					Drive wheel						
						bar psi	Static	10 6	25 15	30 19	40 25	50 31		
11.2-24	DW10					10								
	W10	290	1112	518	3346	119A8	2.1	3130	2040	1510	1460	1360	1240	
	W10H	11.4	43.8	20.4	131.7	125A2	30	6890	4490	3330	3220	3000	2730	
12.4-24	DW11					12								
	W11	315	1145	524	3407	128A8	3.5	4140	2700	2000	1930	1800	1640	
	W10H	12.4	45.1	20.6	134.1	136A2	51	9120	5950	4410	4250	3960	3610	
13.6-24	DW12					10								
	W12	345	1190	542	3603	128A8	2.5	4140	2700	2000	1930	1800	1640	
	W11	13.6	46.9	21.3	141.9	136A2	36	9120	5950	4410	4250	3960	3610	
14.9-24	DW13					12								
	W13	378	1245	562	3793	132A8	3	4600	3000	2220	2140	2000	1820	
	W13	14.9	49	22.1	149.3	139A2	44	10130	6610	4890	4710	4410	4010	
18.4-26	DW13					14								
	W13	378	1245	562	3793	138A8	3	5430	3540	2620	2530	2360	2150	
	W13	14.9	49	22.1	149.3	144A2	44	11960	7800	5770	5570	5200	4740	
13.6-28	DW12					18								
	W12	467	1440	656	4273	143A8	3.8	6270	4090	3020	2920	2725	2480	
	W12D	18.4	56.7	25.8	168.2	150A2	55	13810	9010	6650	6430	6000	5460	
14.9-28	DW12					10								
	W12	467	1440	656	4273	141A8	2.1	5920	3860	2860	2760	2575	2340	
	W15L	18.4	56.7	25.8	168.2	148A2	30	13040	8500	6300	6080	5670	5150	
16.9-28	DW12					14								
	W12	429	1420	645	4207	148A8	3	7250	4730	3500	3370	3150	2870	
	W12D	14.9	53.1	24.3	158.2	155A2	44	15970	10420	7710	7420	6940	6320	
14.9-30	DW15L					10								
	W15	429	1420	645	4207	130A8	2.5	4370	2850	2110	2030	1900	1730	
	W14L	16.9	55.9	25.4	165.6	138A2	36	9630	6280	4650	4470	4190	3810	
16.9-30	DW12					14								
	W12	429	1420	645	4207	137A8	3.5	5290	3450	2550	2460	2300	2090	
	W12	14.9	53.1	24.3	158.2	144A2	51	11650	7600	5620	5420	5070	4600	
14.9-30	DW13					14								
	W13	378	1350	618	4019	140A8	3	5750	3750	2780	2680	2500	2280	
	W12D	14.9	53.1	24.3	158.2	147A2	44	12670	8260	6120	5900	5510	5020	
16.9-28	DW15L					14								
	W15	429	1420	645	4207	145A8	2.7	6670	4350	3220	3100	2900	2640	
	W14L	16.9	55.9	25.4	165.6	152A2	39	14690	9580	7090	6830	6390	5810	
16.9-30	DW14					14								
	W13	378	1400	644	4180	144A8	3	6440	4200	3110	3000	2800	2550	
	W12	14.9	55.1	25.4	164.6	151A2	44	14190	9250	6850	6610	6170	5620	
16.9-30	DW15L					14								
	W15	429	1475	684	4426	144A8	2.6	6440	4200	3110	3000	2800	2550	
	W14L	16.9	58.1	26.9	174.3	151A2	38	14190	9250	6850	6610	6170	5620	
	DW14													



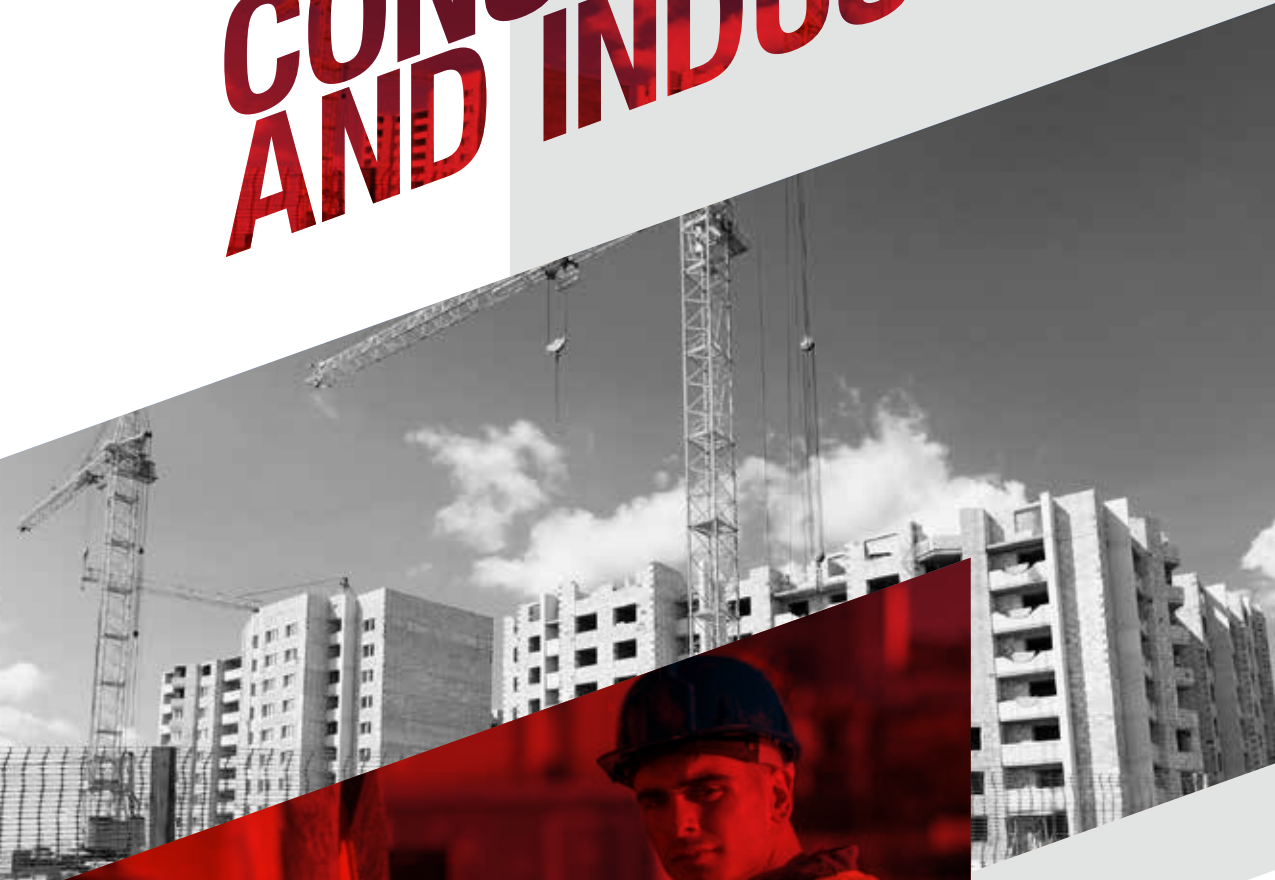
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application						
								Speed, km/h (mph)						
		Recommended load, kg (lbs)												
		Drive wheel												
		SW mm in	OD mm in	mm in	mm in	bar psi		Static	10 6	25 15	30 19	40 25	50 31	
18.4-30	W16L													
	DW16L	467	1545	712	4618	14	2.6	7940	5180	3830	3690	3450	3140	
	W15L	18.4	60.8	28	181.8	151A8 158A2	38	17490	11410	8440	8130	7600	6920	
	DW15L													
16.9-34				730	4801	14	2.5	6900	4500	3330	3210	3000	2730	
	DW15	429	1575	28.7	189	146A8	36	15200	9910	7330	7070	6610	6010	
	W15L	16.9	62			153A2								
	W14L			735	4847	18	3.2	8170	5330	3940	3800	3550	3230	
16.9-38	W15L													
	DW15	429	1675	772	5007	14	2.6	7480	4880	3610	3480	3250	2960	
	W14L	16.9	65.9	30.4	197.1	149A8 156A2	38	16480	10750	7950	7670	7160	6520	
18.4-38	W16L													
	16DD	467	1750	803	5217	14	2.5	8910	5810	4300	4150	3875	3530	
	W16A	18.4	68.9	31.6	205.4	155A8 162A2	36	19630	12800	9470	9140	8540	7780	
	DW15L													
20.8-38	W18L													
	18DD	550	1860	863	5583	14	2.3	10060	6560	4860	4680	4375	3980	
	W18A	21.7	73.2	34	219.8	159A8 166A2	33	22160	14450	10700	10310	9640	8770	
	W16L													

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application					
								Speed, km/h (mph)					
		Recommended load, kg (lbs)											
		Drive wheel											
		SW mm in	OD mm in	mm in	mm in	bar psi		Static	10 6	20 12	30 19	40 25	50 31
13.6-28	W12 DW12	345	1295	605	3938	10	2.5	4370	2850	2340	2030	1900	1730
	W12D W11	13.6	51	23.8	155	130A8 138B	36	9630	6280	5160	4480	4190	3810
16.9-30	15	429	1475	681	4451	14	2.6	6440	4200	3440	3000	2800	2550
		16.9	58.1	26.8	175.2	144A8 151B	38	14200	9260	7580	6610	6170	5620
16.9-34	DW15 W14L W15L	429	1575	735	4847	18	3.2	8170	5330	4370	3800	3550	3230
		16.9	62	28.9	190.8	152A8 159A2	46	18010	11750	9630	8380	7830	7120
16.9-34	W15L DW15L, W15 W14L W14L	429	1575	730	4801	14	2.5	6900	4500	3690	3210	3000	2730
		16.9	62	28.9	189	146A8 153A2	36	15210	9920	8140	7080	6610	6020
18.4-38	16	467	1750	806	5284	14	2.5	8910	5810	4770	4150	3875	3530
		18.4	68.9	31.7	208	155A8 162B	36	19640	12810	10520	9150	8540	7780

NOTES

Lined area for writing notes.

# CONSTRUCTION AND INDUSTRIAL





A skid steer loader is shown in a field, with a red overlay on the right side of the image. The loader is white and has a bucket raised. The text "SKID STEER" is written in large, white, bold letters across the bottom of the image. The background shows a cloudy sky and a flat landscape.

**SKID STEER**

# 550 MULTIUSE



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts give the most efficient puncture protection.



These R-4 tires have been developed for Skid Steer application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Constant load				
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25			
265/70R16.5 (10R16.5)	8.25	264	773	349	2345	130A2	4	3000	1900	1370	1290	1250
		10.4	30.4	13.7	92.3							
305/70R16.5 (12R16.5)	9.75	304	832	374	2469	141A5	4	3610	2780	2575	2500	1800
		12	32.8	14.7	97.2							

# SK-906



All new pattern for skid steer SK-906 is more open and deeper at the shoulders for good traction in soft soil. Solid center for long wear on hard surfaces. Open, deep shoulders for off-road traction. Has highly abrasion resistant tread compound. Features a rim shield protector and a heavy sidewall. The tread radius is relatively flat which is good for wear on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					bar psi	Speed, km/h (mph)	
									10 6	10 6
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	10 6		
#11L-16*						12	-----UNDER DEVELOPMENT-----			
10-16.5	8.25	260	768	355	2290	8	4.1	1880		
						10	60	4140		
						134A2	5.2	2135		
						12	75	4710		
						138A2	6.2	2375		
12-16.5	9.75	295	820	381	2464	8	90	5240		
						11.6	32.3	2180		
						15	50	4810		
						10	4.5	2540		
						140A2	65	5600		
14-17.5 NHS	10.5	349	921	420	2746	12	5.5	2865		
						11.6	32.3	6320		
						14	80	3875		
		13.7	36.3	16.5	108.1	155A2	80	8543		

#Backhoe size

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					bar psi	Speed, km/h (mph)	
									Static	10 6
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6		
10-16.5NHS	8.25	260	768	355	2290	12PR	6.2	2375		
		10.2	30.2	14	90.2	138A2	90	5240		
10-16.5 NHS	8.25	264	773	355	2290	10	5.2	3350	2120	
		10.4	30.4	14	90.2	134A2	75	7390	4670	
10-16.5NHS	8.25	260	768	348	2346	8	4.1	1900		
		10.2	30.2	13.7	92.4	130A2	59	4190		



# SK-903

R-4

C+C

ARC

CUT & CHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND



The Alliance SK-903 is a specialized tire developed for Skidsteer applications. The open and deep shoulders are designed for traction on loose off-road surfaces. The flatter radius of the tire improves the wear resistance. Solid center lug for improved wear resistance. Rim Shield Protector on sidewall for shock protection



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR load index Speed Symb.	Infl. press bar psi	Recommended load, kg (lbs)	
		SW mm in	OD mm in					Speed, km/h (mph)	
								Static	10 6
10x16.5NHS	8.25	260	773	356	2351	8	4.1	2970	1880
		10.2	30.4	14	92.6	129A2	60	6545	4140
						10	5.2	3375	2135
12x16.5NHS	9.75	307	831	380	2510	10	4.5	4015	2540
		12.1	32.7	15	98.8	140A2	65	8850	5600
						12	5.5	4525	2865
						144A2	80	9990	6320

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)		
		SW mm in	OD mm in					Speed, km/h (mph)		
								Backhoe	Skid Steer	
								40 25	Static kmph	10 6
10-16.5NHS	8.25	260	773	356	2351	8	4.1	1185	2970	1880
		10.2	30.4	14	92.6	129A2	59	2610	6550	4150

# 202

L-5



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comfort.



SIZE	PR	TYPE	RIM	OD	SW	RC	Loaded Static Radius mm in	Recommended Load kg lbs	Inflation Pressure bar psi	Speed kmph mph
				mm in	mm in	mm in				
10x16.5 NHS	10	TL	8.25	805	259	2337	366	2180	4.1	8
				31.7	10.2	92	14.4	4806	60	5
12x16.5 NHS	12	TL	9.75	838	307	2438	384	2575	5.5	9
				33	12.1	96	15.1	5677	80	6
14x17.5NHS	14	TL	10.5	935	358	2743	427	3875	5.5	10
				36.8	14.1	108	16.8	8543	80	6



# BACKHOE LOADER



# 550 MULTIUSE



MULTIUSE 550 has been developed for specific applications on Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and rubber to void ratio, provides long tread life and low rolling resistances during transport operation on hard surfaces. In addition, steel belt provides the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)						Constant load										Cyclic Applications	
		SW	OD					Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43	10 6	15 9	
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	65 40	70 43	10 6	15 9		
280/80R18IND (10.5R18IND)	W9 W10 W8	282 11.1	905 35.6	414 16.3	2695 106.1	132A8 132B	4 58	4600 10140	2500 5510	- -	2180 4810	2120 4670	2080 4590	2000 4410	2000 4410	- -	3000 6610	2680 5910	
340/80R18 IND (12.5R18 IND)	DW11 11	343 13.5	1002 39.4	450 17.7	2957 116.4	143A8 138D	4 58	6230 13740	3398 7490	2974 6560	2832 6240	2714 5980	2549 5620	2360 5200	2148 4740	- -	4080 9000	3630 8000	
460/70R24 IND (17.5LR24)	W15L DW14L DW16L 14 16 TW14L	460 18.1	1250 49.2	570 22.4	3772 148.5	159A8 159B	4 58	10060 22160	5470 12050	- -	4860 10700	4680 10310	4375 9640	4375 9640	- -	- -	6560 14450	5860 12910	
500/70R24 IND (19.5LR24)	DW15 DW16	505 19.9	1308 51.5	591 23.3	3920 154.3	164A8 164B	4 58	11500 25330	6250 13770	- -	5550 12220	5350 11780	5000 11010	5000 11010	- -	- -	7500 16520	6700 14760	
540/65R28	W18L	550 21.7	1411 55.6	649 25.6	4266 168	160A8 155D	3.2 46	10230 22550	5580 12300	4883 10770	- -	4650 10250	4500 9920	4185 9230	3875 8540	3526 7770	6704 14780	5968 13160	
600/70R30	DW20	613 24.1	1603 63.1	727 28.6	4792 188.7	158D 161A8	2.4 35	11220 24740	6120 13490	5355 11810	- -	5100 11240	4625 10200	4590 10120	4250 9370	3868 8530	7353 16210	6545 14430	
540/80R38 (20.8R38)	W18L	540 21.3	1836 72.3	835 32.9	5529 217.7	172A8 167D	3.2 46	14388 31720	7848 17300	6867 15140	- -	6540 14420	6300 13890	5886 12980	5450 12020	4960 10940	9429 20790	8393 18500	
650/65R42	DW20	618 24.3	1917 75.5	870 34.3	5822 229.2	176A8 171D	3.2 46	16236 35790	8856 19520	7749 17080	- -	7380 16270	7100 15650	6642 14640	6335 13970	6150 13560	5597 12340	- -	

# 580



Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially while working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)						Constant load										Cyclic Applications	
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	10 <sup>A</sup> 6	15 9				
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 <sup>A</sup> 6	15 9					
280/80R18 (10.5R18)	W8 W9 W10	282 11.1	905 35.6	418 16.5	2770 109.1	132A8 132B	4 58	4600 10140	2500 5510	2220 4890	2140 4720	2000 4410	2000 4410	3000 6610	2680 5910				
300/75R18 (12.0R18)IND	W9	295 11.6	908 35.7	420 16.5	2697 106.2	142A8 142B	5 73	6100 13450	3310 7300	2940 6480	2840 6260	2650 5840	2650 5840	3980 8770	3550 7830				
400/70R18IND	W13 W12	404 15.9	1017 40	461 18.1	3073 121	147A8 147B	4 58	7070 15590	3840 8470	3260 7190	3200 7060	3075 6780	3075 6780	4610 10160	4120 9080				
400/70R20	W13	410 16.1	1072 42.2	485 19.1	3239 127.5	149A8 149B	4 58	7480 16490	4060 8950	3610 7960	3480 7670	3250 7170	3250 7170	4880 10760	4360 9610				
340/80R20IND (12.5R20IND)	11 12 11SDC 12SDC W10, W11	343 13.5	1052 41.4	477 18.8	3200 126	144A8 144B	4 58	6440 14200	3500 7720	3110 6860	3000 6610	2800 6170	2800 6170	4200 9260	3750 8270				
440/80R24 (16.9R24) IND	DW14L DW15L 14, TW14L	449 17.7	1309 51.5	591 23.3	3865 152.2	161A8 161B	4 58	9710 21390	5780 12730	5130 11300	4950 10900	4625 10190	4625 10190	6940 15300	6200 13660				
460/70R24 (17.5LR24) IND	DW15L DW14L DW16L 14 16 TW14L	462 18.2	1250 49.2	567 22.3	3701 145.7	159A8 159B	4 58	10060 22160	5470 12050	4860 10700	4680 10310	4375 9640	4375 9640	6560 14460	5860 12910				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load						Cyclic Applications	
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6
500/70R24 (19.5LR24) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16540	14760
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13230	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16540	14760

570

R-4

C+C

CUT & CHIP RESISTANT COMPOUND



BACKHOE

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



## 570 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load						Cyclic Applications		
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	30 19
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
						161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
						150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

## 570 BACKHOE & EARTH MOVER

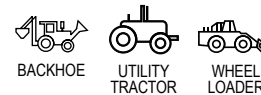
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Transport				Loading				
								10 6	20 12	30 19	40 25	50 31	Static	1 1	5 3	10 6
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
						155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

## 570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
							58	8880	7400	6170	5680	5530	5420	5290	5130	4930



# 533 R-4



Alliance 533 is an industrial drive wheel tire. The tire's heavy nylon construction is designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and braking power as well as high mileage on road. This pattern can be used for some of the Agriculture applications also.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)																
		SW	OD	Free rolling				Drive wheel										
mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 12	30 19	40 25	10 6	20 12	30 19	40 25			
15.5/80-24	W12 W13 W14L	394 15.5	1240 48.8	552 21.7	3652 143.8	12	154A6											
							10	150A8	2.5	4840	4280	3750	3380	3420	3020	2650	2390	
								142A6	36	10660	9430	8265	7440	7530	6650	5840	5260	
								138A8										
								157A6										
								154A8	4.1	5320	4700	4125	3710	3740	3310	2900	2610	
	16							145A6	59	11720	10350	9090	8170	8240	7290	6390	5750	
								142A8										
								163A6										
								159A8	4	6290	5560	4875	4390	4450	3930	3450	3110	
								151A6	58	13850	12250	10740	9670	9800	8660	7600	6850	
								147A8										
16.5/85-24	W13 W14L W15L	417 16.4	1320 52	580 22.8	3831 150.8	12	162A6											
								158A8	2.7	6130	5420	4750	4280	4320	3820	3350	3020	
								150A6	39	13500	11940	10460	9430	9520	8410	7380	6650	
								146A8										
								163A6										
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	627 24.7	4213 166.6	12	151A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110		
								151A6	41	13850	12250	10740	9670	9800	8660	7600	6850	

## 533 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)										
		Industrial Use								Agricultural Use							
		SW	OD	Speed, km/h (mph)				Infil.		Road Transport		Field					
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	20 12	40 25	20 12	40 25	50 31	10 6					
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200	
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850	
							12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
							145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800	
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170	
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000	
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410	
							10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
							144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190	
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Recommend load, kg (lbs)									
		Speed, km/h (mph)					Industrial Use					Agricultural Use				
		SW	OD	Infl.	Constant load		Cyclic Applic		Infl.	Road Transport			Field			
		mm in	mm in		mm in	mm in	bar psi	20 12		40 25	20 12	40 25		Bar psi	20 12	40 25
19.5L-24	W17L	495	1314	580	3823	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
	W16L	19.5	51.7	22.8	150.5	151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533	1377	605	3995	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
18.4-26	DW16A W16L W15L	467	1425	628	4142	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429	1410	641	4179	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L	467	1477	655	4310	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
16.9-30	W15L W14	440	1470	664	4339	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Inflation Pressure	Recommended Load														
		Speed																				
		SW	OD	Non Cyclic applications										Cyclic Operations								
		mm in	mm in	mm	mm	Symbols	bar psi	NaN kmph	Static kmph	5 kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	35 kmph	40 kmph	45 kmph	50 kmph	bar psi	10 kmph	15 kmph
19.5L-24IND	DW16L	495	1314	593	3924	10	1.9	3290	7073	5228	4613	4121	3782	3413	3290	3167	3075	2952	2798	2.375	5228	4766
	DW16	19.5	51.7	23.3	154.5	147A8	28	7250	15590	11530	10170	9090	8340	7520	7250	6980	6780	6510	6170	34	11530	10510
	W16																					

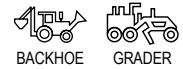
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD	Drive wheel				Free rolling							
		mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 kmph	20 kmph	30 kmph	40 kmph	10 kmph	20 kmph	30 kmph
16.5/85-24	W13 W14L W15L	417	1322	593	4003	16	3.8	5640	4990	4375	3875	8130	7180	6300	5600
						172A6 (168A8)	55	12430	11000	9650	8540	17920	15830	13890	12350
						159A6 (155A8)									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)										
		SW	OD	Constant Load								
		mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static kmph	10 kmph	20 kmph	30 kmph
16.9-28IND	W15L	440	1410	661	4282	12	2.6	8170	4440	3870	3690	3550
	W14L	17.3	55.5	26	168.6	152A8	38	18010	9790	8530	8140	7830

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommend load				
		Speed										
		Backhoe Loader										
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Static kmph	10 kmph	20 kmph	30 kmph
16.9-28 IND	W15L	429	1410	620	4185	12	2.6	8170	4440	3870	3690	3550
	W14L	16.9	55.5	24.3	162.2	152A8	38	18010	9790	8530	8140	7830
16.9-28IND	W15L	429	1410	616	4120	12	2.6	8170	4440	3870	3690	3550
	W14L	16.9	55.5	24.4	164.8	152A8	38	18010	9790	8530	8140	7830

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Recommend load, kg (lbs)	
		Speed, km/h (mph)							
		mm in	mm in	mm in	mm in	bar psi	40 kmph		
18.4-26	W16	467	1425	628	4142	12	2.5	4000	
	DW16	18.4	56.1	24.7	163.1	156A8	36	8820	

# 302 E-2/G-2/L-2



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Speed, km/h (mph)														
		Industrial Use					Agricultural Use									
		Inf.	Constant load				Cyclic Applic		Inf.	Road Transport			Field			
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
	W12	14.9	52.9	23.9	156	148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
16.9-28	W15L	429	1410	641	4179	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
	W14	16.9	55.5	25.2	164.5	152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
	DW14					14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

# HI TRACTION 321 R-4



Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)															
		Static	10 6					20 12	25 16	30 19	35 22	40 25	45 28	50 31			
		bar psi	6					12	16	19	22	25	28	31			
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360	
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000	
12.5/80-18	9	308	987	465.30	3021	10	3.7	4510	2530	2130	2010	1920	1850	1790	1730	1700	
		12.1	38.9	18.3	118.9	126 B	54	9930	5570	4690	4430	4230	4070	3940	3810	3740	
	11	308	987	465.30	3021	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.1	38.9	18.3	118.9	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070	
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450	
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190	
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070	
12.5/80-18 HD	9	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850	
		12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070	

# 321 BACKHOE & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																
		Speed, km/h (mph)																							
		Free rolling							Drive Wheel																
		Load index speed Sym	bar psi						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31									
10.5/80-18	9	277	910	410	2683	10	131A8	3.7	2730	2320	1950	1760	1900	1620	1360	1220									
		10.9	35.8	16.1	105.6		119A8										54	6010	5110	4300	3880	4190	3570	3000	2690
							115 B																		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
									Speed, km/h (mph)								
									Free rolling				Drive Wheel				
		SW	OD						10	25	40	50	10	25	40	50	
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	16	25	31	6	16	25	31			
12.5/80-18	9	308	987	465.30	2891	10	139A8										
							134 B	3.7	3400	2890	2430	2190	2380	2020	1700	1530	
							126A8	54	7490	6370	5350	4820	5240	4450	3740	3370	
	11	12.1	38.9	18.3	113.8	12	123 B										
							142A8										
							138 B	3.7	3710	3150	2650	2390	2590	2200	1850	1670	
							129A8	54	8170	6940	5840	5260	5700	4850	4070	3680	
							125 B										
10.5-20	9	270	955	433	2827	10	133A8										
							129 B	3.75	2880	2450	2060	1850	2030	1730	1450	1310	
							121A8	54	6340	5400	4540	4070	4470	3810	3190	2890	
							118 B										
12.5-20 NHS	11	325	1040	475	3093	12	138A8										
							134 B	3.5	3710	3150	2650	2390	2590	2200	1850	1670	
							125A8	51	8170	6940	5840	5260	5700	4850	4070	3680	
							122 B										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)	
		SW	OD						Backhoe Application	
		mm in	mm in						Speed, km/h (mph)	Speed, km/h (mph)
								bar psi	50	31
12.5/80-18	9	308	987	465	3031	10	71	3.1	1700	
									12.1	38.9
12.5/80-18	9	308	987	465	2966	12	71	3.7	1850	
									11	12.1

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in			
		bar psi	Static						10	20	25	30	35	40	45	50			
12.5/80-18	9	308	987	456	2948	16	71	4.9	5775	3250	2725	2570	2465	2375	2290	2220	2180		
									12.1	38.9	18	116.1	135B	71	12730	7170	6010	5670	5430
12.5-20NHS	11	325	1040	487	3108	12	71	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850		
									12.8	40.9	19.2	122.4	122B	51	10800	6090	5090	4810	4610

# TOUGH-TRAC 325 R-4



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machinerics.

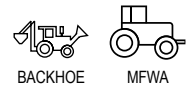


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in					Mixed application					
		mm in	mm in					Static	10	25	30	40	
							Bar psi	6	16	19	25		
280/80-18	W9	282	905	411	2681	105.6	4	4600	2500	2120	2080	2000	
								58	10140	5510	4675	4585	4410
								5.6	6670	3625	3075	3015	2900
340/80-20	11	340	1045	473	3088	121.6	4	6440	3500	2970	2910	2800	
								58	14190	7710	6540	6410	6170
								5	10930	5940	5040	4940	4750
400/80-24	DW13	404	1250	568	3725	146.7	73	24100	13100	11110	10890	10470	
								5	10930	5940	5040	4940	4750
400/80-24IND	DW13	404	1250	568	3725	146.7	73	24100	13100	11110	10890	10470	
Steel Belted		15.9	49.2	22.4	146.7			73	24100	13100	11110	10890	10470

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		Mixed application										
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	25 16	30 19	40 25
440/80-24	DW14L	460	1328	603	3933	168A8	5	12880	7000	5940	5820	5600
		18.1	52.3	23.7	154.8		73	28370	15420	13080	12820	12330
440/80-24IND Steel Belted	DW14L	441	1314	597	3892	168A8	5	12880	7000	5940	5820	5600
		17.4	51.7	23.5	153.2		73	28370	15420	13080	12820	12330

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		Backhoe Loader Application											
		mm in	mm in	mm in	mm in		Bar psi	10	20	25	30	40	Static
400/80-24IND	DW13,	404	1250	575	3798	162A8	5	5938	5178	5035	4940	4750	10925
(15.5/80-24IND)	DW14L	15.9	49.2	22.6	149.5		73	24085	13091	11416	11100	10891	10472

## 500 **R-4** **SC** SPECIAL COMPOUND



Alliance 500 is a modern radial tire for industrial tractors. The tire displays high traction, braking, mileage, riding comfort in transport applications and better resistance to the penetration of sharp objects. All this is achieved by a radial nylon casing, a tough rayon belt, trash shields and a unique self-cleaning tread design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		Constant load								Cyclic Applications						
		mm in	mm in	mm in	mm in		Bar psi	Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25	50 31
17.5LR24	W15L W14L	445	1240	549	3615	**	1.8	5590	3040	2480	2430	2210	3650	2600	2430	2210
		17.5	48.8	21.6	142.3	139A8	26	12310	6700	5460	5350	4870	8040	5730	5350	4870
						145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
							36	14690	8000	6520	6390	5810	9580	6830	6390	5810
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
					44	16980	9230	7530	7380	6720	11080	7890	7380	6720		

## 211 **F-3**



Alliance 211 is specifically engineered for the front tires of two-wheel drive backhoes. The 211 provides exceptional tread life. The tire displays good load distribution and wide footprint for high stability.



Size	Type	PR	RIM	OD	SW	RC	SLR	LCC@AP	SP
			Inches	mm in	mm in	mm in	mm in		
11L-15	TL	8	8LB	770	279	2362	363	1060@360	40
				30.3	11.0	93.0	14.3	2340@52	25
11L-15SL	TL	10	8LB	770	274		352	1061@360	40
				30.3	10.8		13.9	2339@52	25
11L-16	TL	10	8LB	793	279	2438	373	1120@360	40
				31.2	11.0	96.0	14.7	2470@52	25
11L-16SL	TL	12	8LB	793	274		364	1252@440	40
				31.2	10.8		14.3	2760@64	25
	TL	10	8.0x16	803	279	2369	368	1120@3.6	40
				31.6	11	93.3	14.5	2469@52	25

# 239 F-3



Alliance 239 is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and in industrial applications. Its strong nylon construction and the use of high grade compounds guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								All surfaces				Improved surfaces			
								mm in	mm in	mm in	mm in	Static	10 6	20 12	30 19
14-17.5	10.5	363	927	418	2730	10	4.8	4470	3160	2730	2570	2460	2380	2270	2180
		14.3	36.5	16.5	107.5	135G	70	9850	6960	6010	5660	5420	5240	5000	4800
						14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
						143G	100	12310	8700	7510	7090	6780	6540	6230	6000

# 585 R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load				Cyclic Applications			
								mm in	mm in	mm in	mm in	Static	10 6	25 12	30 19
340/80R18IND (12.5/80R18IND)	11 W11 W10	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
	12SDC 11SDC 12	13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
	13.00	15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	13SDC W14L	15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
	DW12 DW13 DW14L	15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
	TW14L	17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	DW16L 14 16 TW14L	18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L 16	19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L	1366	540	598	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
	DW16L	53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
	DW16L	19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
	DW15L	55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380

# 321 PLUS

R-4



Alliance 321 plus is specially designed for backhoes plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life.



SIZE	PR & LI	Type	Rim	OD	SW	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
12.5/70-16	14	TL	10LBx16	855	315	2562	395	2240	4.4	10
	136A2			33.7	12.4	100.9	15.6	4938	64	6
15.5/60-18	14	TL	W13x18	950	400	2867	431.5	2900	3.6	10
	145A2			37.4	15.7	112.9	17	6393	52	6
15.5/70-18	14	TL	W13 X 18	1030	400	3220	450.8	3250	3.7	10
	149A2			40.6	15.7	126.8	17.7	7165	53	6
17.5/65-20	14	TL	W14Lx20	1090	450	3378	500.4	3875	3.3	10
	155A2			42.9	17.7	133	19.7	8543	48	6
380/80-24IND (14.9-24IND)	12	TL	DW13 X 24	1241	378	3790	581.3	2900	2.9	40
	145A8			48.9	14.9	149.2	22.9	6393	42	25
440/80-24 (16.9-24)	12	TL	DW15L X 24	1309	440	3933	602.5	3250	2.6	40
	149A8			51.5	17.3	154.8	23.7	7165	38	25
480/80-24 (18.4-24)	12	TL	DW16L X 24	1375	467	4216	607.2	3875	2.5	40
	155A8			54.1	18.4	166	23.9	8543	36	25
480/80-26 (18.4-26)	12	TL	DW16L X 26	1426	467	4212	643.9	4000	2.5	40
	156A8			56.1	18.4	165.8	25.4	8818	36	25
440/80-28 (16.9-28)	12	TL	W15Lx28	1410	440	4311	642.7	3550	2.6	40
	152A8			55.5	17.3	169.7	25.3	7826	38	25

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs) Speed, km/h (mph)											
		SW	OD					Drive Wheel						Free Rolling					
		mm	mm	Static	10			20	25	30	40	Static	10	20	25	30	40		
		in	in	bar	kmph			kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	
12.5/80-18	W9	312	995	439.9	2962	12	3.7	4260	2310	2020	1960	1920	1850	6100	3310	2890	2810	2760	2650
				17.3	116.6	129A8	54	9390	5090	4450	4320	4230	4080	13450	7300	6370	6200	6090	5840
		12.3	39.5	443.7	2986	16	4.9	5010	2730	2380	2310	2270	2180	7250	3940	3430	3340	3280	3150
				17.5	117.6	135A8	71	11050	6020	5250	5090	5000	4810	15980	8690	7560	7360	7230	6950
						148A8													



# 202 L-4



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comfort.



SIZE	PR & LI	TYPE	RIM	O.D.	S.W.	RC	Loaded Static Radius	Recommend-ed Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
12.5/80-18NHS	14	TL	W9	965	305	2819	432	2000	4.3	40
	132A8			38	12	111	17	4409	62	25
18.4-26 IND	14	TL	W16	1427	470	4191	643	4500	2.9	39
				56.2	18.5	165	25.3	9921	42	24
16.9-28 IND	14	TL	DW15L X 28	1412	434	4216	636	3875	3	40
				55.6	17.1	166.0	25.0	8543	44	25

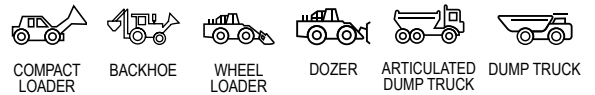
# 606

**R-4**

WRC

SB

WEAR RESISTANT COMPOUND    STEEL BELTED



Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of it's advantages.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load							
		SW	OD					Speed							
		Backhoe Loader													
		mm	mm					15	20	25	30	40	50	60	
in	in	in	in	in	bar	kmph	kmph	kmph	kmph	kmph	kmph	kmph			
335/80R18EM	11	371	984	445	2979	145A2	3.75	2370	2330	2290	2250	2180	2120	1990	
		14.6	38.7	17.5	117.3	134B	54	5230	5140	5050	4960	4810	4670	4390	
365/70R18EM	11 W11,	400	1000	434	2902	146A2	3.75	2440	2400	2350	2310	2250	2180	2050	
	13	15.7	39.4	17.1	114.3	135B	54	5380	5290	5180	5090	4960	4810	4520	
405/70R18EM	13	452	1070	471	3102	153A2	3.75	2880	2830	2780	2730	2650	2575	2420	
		17.8	42.1	18.5	122.1	141B	54	6350	6240	6130	6020	5840	5680	5340	
335/80R20EM (12.5R20)	11 11SDC	366	1076	468	0	147A2	3.75	2510	2460	2420	2370	2310	2240	2110	
	12 12SDC	14.4	42.4	18.4	0	136B	54	5530	5420	5340	5230	5090	4940	4650	
365/80R20EM	11 11SDC,	400	1127	484	0	153A2	3.75	2880	2830	2780	2730	2650	2575	2270	
	12 12SDC	15.7	44.4	19.1	0	141B	54	6350	6240	6130	6020	5840	5680	5000	
405/70R20EM (16/70R20)	13 13SDC 12	427	1076	479	3245	155A2	3.75	3050	3000	2940	2890	2810	2725	2560	
	W14L W14L	16.8	42.4	18.9	127.8	143B	54	6720	6610	6480	6370	6200	6010	5640	
405/70R24EM	13 SDC13	425	1180	544	3548	158A2	3.75	3360	3300	3240	3180	3090	3000	2820	
		16.7	46.5	21.4	139.7	146B	54	7410	7280	7140	7010	6810	6610	6220	
455/70R24EM	14 W14L	473	1247	546	3763	165A2	3.75	4200	4130	4050	3980	3860	3750	3530	
	DW14L DW15L 13SDC	18.6	49.1	21.5	148.1	154B	54	9260	9110	8930	8770	8510	8270	7780	





# TELEHANDLER

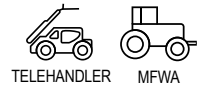
# 580

**R-4**

**WRC**

**SB**

WEAR RESISTANT COMPOUND STEEL BELTED



Alliance 580's unique tread pattern enables strong grip and high traction performance on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road making it a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



## 580 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10	20	30	40	50	60	70	80	90
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	12	19	25	31	37	44	50	56	
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126			65	9630	8040	6700	6150	5990	5880	5730	5570
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8			58	12490	10420	8680	7970	7780	7640	7420	7220

## 580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)							Cyclic Applications		
								Constant load							10 <sup>A</sup>	15	
								Static	10	25	30	40	50	6			9
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi		6	16	19	25	31	6	9			
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380		1980	1900			2850	2550	
		11.4	33.5	14.1	99.6		52	9630	5250		4370	4190			6280	5620	
280/80R18 (10.5R18) IND	W8 W10	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680		
		11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900		
300/75R18 (12.0R18) IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550		
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830		
340/80R18 (335/80R18) (12.5R18) IND	11 12 11SDC 12SDC W10 W11	350	1001	453	3022	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650		
		13.8	39.4	17.8	118.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040		
		404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120		
		15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080		
280/80R20 (10.5R20) IND	W8 W10	282	956	436	2993	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760		
		11.1	37.6	17.1	117.8	133B	58	10440	5680	5040	4850	4540	4540	6810	6080		
380/75R20 (14.5R20) IND	W11 11	380	1078	485.4	3121	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220		
		15	42.4	19.1	122.8	148B	58	15970	8680	7710	7420	6940	6940	10420	9300		
400/70R20 IND	W13 W12 12SDC 13SDC W14L	404	1068	487.3	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360		
		15.9	42	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600		
		425/75R20 (16.5R20) IND	13	420	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
		11	16.5	44.8	20.1	135.8	154 B	58	19010	10330	9160	8830	8260	8260	12400	11080	
405/70R24 IND	12SDC 13SDC 14					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030		
						160B	70	22800	12400	11010	10620	9910	9910	14870	13280		
		404	1170	538	3521	152A8	4	8170	4440	3940	3800	3550	3550	5330	4760		
12	15.9	46.1	21.2	138.6	152B	58	18000	9780	8680	8370	7820	7820	11740	10480			

Telehandlers

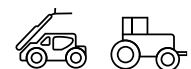
# 580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Cyclic Applications								
		SW	OD					Constant load				10 <sup>A</sup>	15			
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	6	9		
440/80R24 (16.9R24) IND	DW14L															
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200	
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660	
	TW14L															
460/70R24 (17.5LR24) IND	DW15L															
	DW14L															
	DW16L	462	1250	572.7	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
	14	18.2	49.2	22.5	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910	
	16															
	TW14L															
500/70R24 (19.5LR24) IND	DW16L															
	DW15L	505	1308	600	3983	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	16	19.9	51.5	23.6	156.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	
480/80R26 (18.4R26) IND	DW15	479	1428	634	4248	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030	
	DW16	18.8	56.2	25	167.2	160B	46	22800	12400	11010	10620	9910	9910	14870	13280	
440/80R28 (16.9R28) IND	DW14Lx28	441	1415	644	4247	156A8	3.2	9200	5000	4360	4160	4000	4000	6000	5360	
		18.1	55.5	25.3	164.7	156B	46	20283	11020	9612	9171	8818	8818	87024	11817	
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	

## 570



HEAT RESISTANT COMPOUND CUT & CHIP RESISTANT COMPOUND



TELEHANDLER MFWD

Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection.



HARD SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Loading								
		SW	OD					Transport				Static	1	5	10	
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	10 6	20 12	30 19	40 25	50 31	6200	1	5	10	
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

## 570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD					10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	12	19	25	31	37	44	50	56	
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
		16.6	42.5	19.5	129.6		58	8880	7400	6170	5680	5530	5420	5290	5130	4930
445/70R24	DW15L	445	1234	564	3670	151G	4	6210	5180	4310	3970	3860	3800	3690	3590	3450
	DW14L	17.5	48.6	22.2	144.5		58	13680	11410	9490	8740	8500	8370	8130	7910	7600
	W14L															
495/70R24	16	499	1304	588	3845	155G	4	6980	5810	4840	4460	4340	4260	4150	4030	3875
		19.6	51.3	23.1	151.4		58	15370	12800	10660	9820	9560	9380	9140	8880	8540



## 570 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Constant load				Cyclic Applications						
		mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31		
425/55R17	13	425	890	395	2663	142A8	4	6100	3980	2840	2650	2650	4640	2920	2650	2650
		16.7	35	15.6	104.8	142B	58	13440	8770	6260	5840	5840	10220	6430	5840	5840

## 570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Constant load				Cyclic Applications						
		mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31		
425/55R17	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	104.9	140 B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
	W15L	19.5	52	23.6	154	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
	153B					44	20260	11010	8990	8810	8020	13220	9430	8810	8020	
460/70R24 (17.5LR24)	W15L W14L	445 17.5	1250	573	3727	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						150B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
400/70-20	11 13	413 16.3	1093 43	505 19.9	3272 128.8	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
						161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445 17.5	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
						150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720

## TRACTION INDUSTRIAL



CUT & CHIP RESISTANT COMPOUND



TELEHANDLER DUMP TRUCK

Alliance 323 MPT tire is designed for specific applications on telescopic handlers and compact wheel loaders. It has superior carcass and bead construction which aid in improving tire life. The extra deep lug provides excellent wear under most severe working conditions. Its specially designed directional tread pattern provides excellent traction and self-cleaning properties. This tire is engineered with a special rubber compound which provides better chunk, tear resistance and long tire life.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



## 323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	10 6	20 12	30 19	40 25	50 31	
405/70-20 16.0/70-20	13	407 16	1076 42.4	496 19.5	3160 124.4	14	149B	3.5 51	5200	4030	3705	3575	3250
				16		58			5680	4400	4045	3905	3550
405/70-24 16.0/70-24	13	407 16	1178 46.4	546 21.5	3460 136.2	14	152B	4 58	5680	4400	4045	3905	3550
				16		58			12520	9700	8915	8610	7825



# 585 R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					Constant load				Cyclic Applications			
								Static	10 6	25 12	30 19	40 25	50 31	10 44	15 56
265/70R16.5 NHS (10R16.5 NHS)	8.25	264	773	352	2304	122A8	4	3450	1880	1640	1560	1500	1500	2250	2010
		10.4	30.4	13.9	90.7	122B	58	7610	4150	3620	3440	3310	3310	4960	4430
305/70R16.5 (12R16.5)	9.75	307	831	377	2466	132A8	4	4600	2500	2180	2080	2000	2000	3000	2680
		12.1	32.7	14.8	97.1	132B	58	10140	5510	4810	4590	4410	4410	6610	5910
340/80-18IND (12.5/80-18IND)	11 W11 W10 12SDC 11SDC 12	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC 13.00	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L DW12 DW13 DW14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14 TW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
		17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L DW16L	1366	540	598.4	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
		53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L DW16L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L DW15L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
		55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380

# TOUGH-TRAC 325 R-4



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Mixed application				
								Static	10 6	25 16	30 19	40 25
440/80-24IND (16.9/80-24IND)	14	441	1314	603	3971	168A8	5	12880	7000	5940	5820	5600
		17.4	51.7	23.7	156.3		73	28400	15430	13100	12830	12350

608

R-4

WRC  
WEAR RESISTANT  
COMPOUND

SB  
STEEL BELTED



Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					10 kmph	50 kmph
335/80R18IND (12.5R18IND)	11 SDC11,	343	992	469	2955	147A8	3.75	3075	2240
	12 SDC12	13.5	39.1	18.5	116.3	136B	54	6780	4940
365/80R20IND (14.5R20IND)	11	360	1092	478	3326	153A2	3.75	3650	2575
		14.2	43	18.8	130.9	141B	54	8050	5680
405/70R24IND (16/70R24IND)	W13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8		54	9370	6610

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					10 kmph	50 kmph
460/70R24IND (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11350	8270
405/70R18 IND (16/70R18 IND)	13X18	407	1025	461	3097	153A2	3.75	3650	2575
		16	40.4	18.1	121.9	141B	54	8050	5680

Size	PR & LI	TYPE	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Recommended Load kg	Infl. press.	Speed
				SW	OD					
				mm in	mm in					
365/70R18 IND	146	TL	11	360	969	433	2922	3000	54	10
				14.2	38.1	17	115	6614	783	6

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static	15	20	25	30	40	50
405/70R18	13	407	1024	450	3084	141B	3.75	6095	2880	2830	2780	2730	2650	2575
	13SDC 12 11 W14L DW14L	16	40.3	17.7	121.4		54	13440	6350	6240	6130	6020	5840	5680
365/80R20	11 11SDC 12 12SDC	360	1092	482	3304	141B	3.75	6095	2880	2830	2780	2730	2650	2575
		14.2	43	19	130.1		54	13440	6350	6240	6130	6020	5840	5680
405/70R20IND (16/70R20IND)	13 13SDC	407	1076	491	3265	143B	3.75	6460	3050	3000	2940	2890	2810	2725
		16	42.4	19.3	128.5		54	14240	6720	6610	6480	6370	6200	6010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static	15	20	25	30	40	50
335/80R20 (12.5R20)	11	339	1044	469	2955	136B	3.75	5150	2510	2460	2420	2370	2310	2240
		13.3	41.1	18.5	116.3		54	11350	5530	5420	5340	5230	5090	4940

Telehandlers

# 317

R-1

WRC

WEAR RESISTANT COMPOUND

HRC

HEAT RESISTANT COMPOUND



Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
								Drive Wheel/ Free rolling					
								bar	Static	15	20	30	40
mm	mm	mm	mm	mm	mm	PSI	kmph	kmph	kmph	kmph	kmph	kmph	
in	in	in	in	in	in								
10.0/75-15.3 IND	9.00	260	775	360	2334	12 126A6 115A6		4.7	2810	2190	1940	1700	1550
		10.2	30.5	14.2	91.9			68	6200	4830	4280	3750	3420
								5.6	2810	2628	2328	2040	1860
								81	6200	5790	5130	4500	4100

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load	
		SW	OD					Speed	
								Drive Wheel	Free rolling
								bar	40
mm	mm	mm	mm	mm	mm	PSI	kmph	kmph	
in	in	in	in	in	in				
10.0/75-15.3 IMP	9.00	264	778	360	2405	18	7.1	1550	2180
		10.4	30.6	14.2	94.7	135 123	103	3420	4810
11.5/80-15.3 IMP	9.00	300	867	400	2646	18	6	1900	2650
		11.8	34.1	15.7	104.2	142 130	87	4190	5840







**COMPACT WHEEL LOADER  
UTILITY TRACTOR AND  
OTHER INDUSTRIAL &  
CONSTRUCTION**



# COMPACT WHEEL LOADER

606

R-4

WRC

WEAR RESISTANT COMPOUND

SB

STEEL BELTED



COMPACT LOADER



BACKHOE



WHEEL LOADER



DOZER



ARTICULATED DUMP TRUCK



DUMP TRUCK

Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



## 606 EARTH MOVER - COMPACT MACHINERY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
								bar psi	Speed, km/h (mph)				bar psi	Speed, km/h (mph)			
									Static	5 3	10 6			25 16	Static	5 3	10 6
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630	
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000	
365/70R18	11	400	1000	440	2902	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750	
	13	15.7	39.4	17.3	114.2		54	10570	7470	6610	5620	65	11890	9580	8920	8260	
405/70R18	13 13SDC																
	12																
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	W14L	17.8	42.1	18.1	120.9		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
DW14L																	
12.5R20 EM	11																
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
12SDC																	
16/70R20 EM	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	W14L	16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
DW14L																	
335/80R20EM	11																
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
12SDC																	
365/80R20EM	11																
	11SDC	400	1127	493	3260	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	12	15.7	44.4	19.4	128.3		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
12SDC																	
405/70R20EM	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	W14L	16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
DW14L																	
16/70R24 EM	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
	W14L	17.8	48.1	21.2	139.8		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
17.5/70R24 EM	13SDC																
	13																
	W15L	502	1299	567	3750	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	DW15L	19.8	51.1	22.3	147.6		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
DW14L																	
405/70R24EM All Steel	13	425	1180	527	3548	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
	13SDC	16.7	46.5	20.7	139.7		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
455/70R24EM All Steel	W14L																
	13SDC																
	13																
	W15L	473	1247	537.4	3580	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
DW15L	18.6	49.09	21.2	140.9	54		18150	12820	11340	9650	65	20420	16450	15310	14190		
DW14L																	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended Load			
		Speed						Compact Wheel Loader			
		SW	OD	Static	5	10	25				
		mm in	mm in					mm in	mm in	bar psi	kmph
335/80R18EM	11x18	371	984	445	2979	145A2	3.75	4640	3310	2900	2320
		14.6	38.7	17.5	117.3	134B	54	10230	7300	6390	5120
365/70R18EM	11 W11, 13	400	1000	434	2902	146A2	3.75	4800	3420	3000	2400
		15.7	39.4	17.1	114.3	135B	54	10580	7540	6610	5290
405/70R18EM	13	452	1070	471	3102	153A2	3.75	5840	4160	3650	2920
		17.8	42.1	18.5	122.1	141B	54	12880	9170	8050	6440
335/80R20EM (12.5R20)	11 11SDC, 12 12SDC	366	1076	468	0	147A2	3.75	4920	3510	3075	2460
		14.4	42.4	18.4	0	136B	54	10850	7740	6780	5420
365/80R20EM	11 11SDC, 12 12SDC	400	1127	484	0	153A2	3.75	5840	4160	3650	2920
		15.7	44.4	19.1	0	141B	54	12880	9170	8050	6440
405/70R20EM (16/70R20)	13 13SDC, 12 W14L, DW14L	427	1076	479	3245	155A2	3.75	6200	4420	3875	3100
		16.8	42.4	18.9	127.8	143B	54	13670	9740	8540	6830
405/70R24EM	13 SDC13	425	1180	544	3548	158A2	3.75	6800	4850	4250	3400
		16.7	46.5	21.4	139.7	146B	54	14990	10690	9370	7500
455/70R24EM	14 W14L, DW14L DW15L, 13SDC	473	1247	546	3763	165A2	3.75	8240	5870	5150	4120
		18.6	49.1	21.5	148.1	154B	54	18170	12940	11350	9080

## 606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbol	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40				
		mm in	mm in										mm in	mm in		
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1900
		14.6	38.7	17.4	114.2	134B	54	5220	5130	5040	4960	4800	4670	4580	4380	4190
						130D										
365/70R18	11	400	1000	440	2902	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190
405/70R18	13															
	13SDC															
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070
335/80R20	W14L															
	DW14L															
	11	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
365/80R20EM	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300
	12SDC															
405/70R20	11	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930
405/70R24	12SDC															
	13															
	13SDC															
16/70R24	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
405/70R24	W14L															
	DW14L															
455/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
405/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
	W14L															
455/70R24	DW14L															
	13SDC	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
	13	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380
455/70R24	W15L															
	DW15L															

608

R-4

WRC  
WEAR RESISTANT  
COMPOUND

SB  
STEEL BELTED



COMPACT  
LOADER

BACKHOE

TELEHANDLER

ARTICULATED  
DUMP TRUCK

DUMP TRUCK

Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								bar psi	Static	5 3	10 6		25 16	bar psi	Static	5 3
365/70R18	11 13	360 14.2	969 38.1	444 17.5	2936 115.6	146A2	3.75 54	4800 10570	3390 7470	3000 6610	2550 5620	4.5 65	5400 11890	4350 9580	4050 8920	3750 8260
405/70R18	13	408 16.1	1025 40.4	450 17.7	3084 121.4	153A2	3.75 54	5840 12860	4120 9070	3650 8040	3100 6830	4.5 65	6570 14470	5290 11650	4930 10860	4560 10040
335/80R20	11 11SDC	350 13.8	1044 41.1	465 18.3	3148 123.9	136B 147A2	3.75 54	4920 10840	3470 7640	3075 6770	2610 5750	4.5 65	5540 12200	4460 9820	4150 9140	3840 8460
365/80R20	11 12 12SDC	360 14.2	1092 43	482 19	3304 130.1	153A2	3.75 54	5840 12860	4120 9070	3650 8040	3100 6830	4.5 65	6570 14470	5290 11650	4930 10860	4560 10040
405/70R20	13SDC															
	12	407	1076	470	3247	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840
	11	16	42.4	18.5	127.8		54	13660	9650	8540	7250	65	15370	12380	11520	10660
	W14L DW14L															
455/70R20	14	445 17.5	1146 45.1	518 20.4	3465 136.4	162A2	3.75 54	7600 16740	5370 11830	4750 10460	4040 8900	4.5 65	8550 18830	6890 15180	6410 14120	5940 13080

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Off-the road				
								bar psi	Static	5 3	10 6	25 16
335/80R20IND (12.5R20IND)	11 SDC11	337 13.3	1044 41.1	469 18.5	2955 116.3	147A2 136B	3.7 54	4920 10850	3510 7740	3075 6780	2640 5820	

## 608 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Off-the road					
								bar psi	15 9	20 12	25 16	30 19	40 25
335/80R18	11												
	W10												
	W11	343	992	445	2985	136A8	3.2	2530	2440	2370	2330	2240	2040
	11SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490
365/70R18EM	12												
	12SDC												
405/70R18	11	360	969	444	2936	135B	3.75	2440	2400	2350	2310	2250	2180
	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800
405/70R18	13SDC												
	12	407	1024	450	3084	141B	3.75	2880	2830	2780	2730	2650	2575
	11	16	40.3	17.7	121.4		54	6340	6230	6120	6010	5840	5670
	W14L DW14L												
365/80R20	11												
	11SDC	360	3304	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575
	12	14.2	130.1	19	129.9		54	6340	6230	6120	6010	5840	5670
405/70R20	12SDC												
	13	407	3247	470	3243	143B	3.75	3050	3000	2940	2890	2810	2725
	13SDC	16	127.8	18.5	127.7		54	6720	6610	6480	6370	6190	6000

# 608 TELEHANDLER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					10	50
460/70R24 (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750
		17.9	49.4	21.9	143.1	154B	58	11350	8270
405/70R24 (16/70R24)	W13	407	1178	543	3552	158A2	3.7	4250	3000
		16	46.4	21.4	139.8	146B	54	9370	6610

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Static	15	20	25	30	40	50
405/70R18	13, 13SDC 12, 11 W14L, DW14L	407	1024	450	3084	141B	3.75	6095	2880	2830	2780	2730	2650	2575
		16	40.3	17.7	121.4	54	13440	6350	6240	6130	6020	5840	5680	
405/70R20	13 13SDC	407	1076	470	3247	143B	3.75	6460	3050	3000	2940	2890	2810	2725
		16	42.4	18.5	127.8	54	14240	6720	6610	6480	6370	6200	6010	

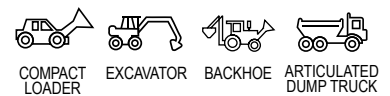
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Constant load application						
335/80R20 (12.5R20)	11	339	1044	469	2955	136B	3.75	5150	2510	2460	2420	2370	2310	2240
		13.3	41.1	18.5	116.3	54	11350	5530	5420	5340	5230	5090	4940	
335/80R18IND (12.5/80R18 IND)	W11x18	339	993	449	2960	136A8	3.2	2530	2440	2370	2330	2240		
		13.3	39.1	17.7	116.5	46	5580	5380	5230	5140	4940			

# 601 MUD & SNOW

R-4

SC  
SPECIAL COMPOUND

SB  
STEEL BELTED



Alliance 601 Mud & Snow (M+S) tire was developed for use on construction and agro-industrial equipments. The radial tire construction with strong fabric layers protected by steel belts, promises long tire life. The 601 M+S model also ensures high traction as well as efficient self cleaning ability. It's high crown radius provides flat contact area and enables even ground pressure distribution. This tire's non directional tread design is suitable for all kinds of surfaces, providing equal traction in both directions of travel.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Constant load				Cyclic Applications				
		mm in	mm in					Static	10	30	40	50	10^A	30	40	50
15.5/55R18	11	370	890	395	2686	140A8	3.5	5750	3130	2600	2500	2500	3750	2680	2500	2500
		14.6	35	15.6	105.7	140B	51	12670	6890	5730	5510	5510	8260	5900	5510	5510

# 326 WIDE GRIP

E-2/L-2/G-2



Alliance 326 Wide Grip Loader Dozer tire is a wide base tubeless tire. It is designed for superior self-cleaning, high traction and high flotation in all off road applications. Its heavy-duty nylon construction and weather & ozone-resistant rubber compounds ensure longer tire life on all types of services.



## 326 LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)					bar psi	Speed, km/h (mph)			
								Static	5 3	10 6	25 16			bar psi	Static	5 3	10 6
16/70-20EM (405/70-20) EM L-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	3.25	6600	4660	4125	3510	3.9	7430	5980	5570	5160	
						157A2	47	14540	10260	9090	7730	57	16370	13170	12270	11370	
						14	4.5	8480	5990	5300	4510	5.4	9540	7690	7160	6630	
						166A2	65	18680	13190	11670	9930	78	21010	16940	15770	14600	
16/70-24EM (405/70-24) EM L-2	13.00 DC	407 16	1178 46.4	577 22.7	3660 144.1	10	3.25	7600	5370	4750	4040	3.9	8550	6890	6410	5940	
						162A2	47	16740	11830	10460	8900	57	18830	15180	14120	13080	
						14	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250	
						169A2	65	20440	14430	12780	10860	78	23000	18520	17250	15970	
22/70-24 (20-24EM) EM L-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12	3	10400	7350	6500	5530	3.6	11700	9430	8780	8130	
						173A2	44	22910	16190	14320	12180	52	25770	20770	19340	17910	
						14	3.5	11360	8020	7100	6040	4.2	12780	10300	9590	8880	
						176A2	51	25020	17670	15640	13300	61	28150	22690	21120	19560	

## 326 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar psi	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40	
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
16/70-20EM (405/70-20) EM E-2	13DC max.10PR 13SDC 14PR 13SDC	407 16	1076 42.4	475 18.7	3130 123.2	10	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120	
						141B	36	6340	6230	6120	6010	5840	5670	5510	5220	4670	
						134D											
						14	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725	
						149B	51	8020	7890	7730	7600	7380	7160	6940	6590	6000	
16/70-24EM (405/70-24) EM E-2	13.00 SDC 13DC	407 16	1178 46.4	577 22.7	3660 144.1	10	2.5	3050	3000	2940	2890	2810	2725	2640	2510	2300	
						143B	36	6720	6610	6480	6370	6190	6000	5810	5530	5070	
						137D											
						14	3.5	3980	3910	3830	3760	3660	3550	3440	3270	2900	
						152B	51	8770	8610	8440	8280	8060	7820	7580	7200	6390	
20-24EM 22/70-24 EM E-2	16.00 T SDC	545 21.5	1390 54.7	612 24.1	4040 159.1	12	2.5	4760	4680	4590	4510	4380	4250	4120	3910	3550	
						158B	36	10480	10310	10110	9930	9650	9360	9070	8610	7820	
						152D											
						14	3	5460	5360	5270	5170	5020	4875	4730	4490	4000	
						163B	44	12030	11810	11610	11390	11060	10740	10420	9890	8810	
156D																	

# 229

R-4



The Alliance 229 is specially designed keeping in mind the requirements of compact wheel loaders, backhoe loaders and excavators. The advanced tread pattern with wide and well-spaced lugs ensure high traction, excellent self-cleaning and enhanced riding comfort. Robust carcass and sidewall construction provides superior load carrying capacity and safeguards the tire against damages.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR, Stars Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
								Static	10 6	20 12	30 19	40 25	50 31	60 37	65 40
12.5-18	11	335	1000	462	2960	10PR	3	4485	3220	2535	2245	2065	2030	1970	1950
						131D		9890	7100	5590	4950	4550	4480	4340	4300
12.5-20	11	335	1050	486	3110	10PR	3	4600	3305	2600	2300	2120	2080	2020	2000
						132D		10140	7290	5730	5070	4670	4590	4450	4410

# 585

R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR Load Index Speed Symbol	Infl. press. bar psi	Recommended load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
								Constant load				Cyclic Applications			
								Static	10 6	25 12	30 19	40 25	50 31	10 44	15 56
340/80R18IND (12.5/80R18IND)	11 W11 W10	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
	12SDC 11SDC 12	13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC 13.00	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
340/80R20IND (12.5R20IND)	11 W11 W10	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		15.9	42	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
400/80R24IND (14.9R24IND)	W12 W13 W14L DW12 DW13 DW14L	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
440/80R24IND (16.9R24IND)	DW14L DW15L 14 TW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
		17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
		18.5	48.9	22	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
		19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
540/70R24IND	DW18L DW16L	1366	540	598.4	4080	168A8	4	12880	7000	6100	5820	5600	5600	8400	7500
		53.8	21.3	23.6	160.6	168B	58	28370	15420	13440	12820	12330	12330	18500	16520
480/80R26IND	W16L W15L DW16L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090
440/80R28IND (16.9R28IND)	DW13L DW14L DW15L	1415	441	632.7	4276	163A8	4	11210	6090	5310	5070	4875	4875	7310	6530
		55.7	17.4	24.9	168.3	163B	58	24690	13410	11700	11170	10740	10740	16100	14380



# UTILITY TRACTOR

580

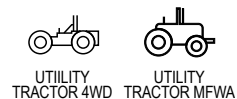
R-4

WRC

SB

WEAR  
RESISTANT  
COMPOUND

STEEL  
BELTED



Alliance 580 is built with unique tread pattern that enable strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on slopes, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



## 580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126			65	9630	8040	6700	6150	5990	5880	5730	5570
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8			58	12490	10420	8680	7970	7780	7640	7420	7220

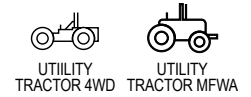
## 580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)						Cyclic Applications			
								Constant load						10 <sup>A</sup> 6	15 9		
		Static	10 6					25 16	30 19	40 25	50 31	10 <sup>A</sup> 6	15 9				
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380		1980	1900		2850	2550		
		11.4	33.5	14.1	99.6			52	9630	5250		4370	4190		6280	5620	
280/80R18 (10.5R18) IND	W8 W10	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680		
		11.1	35.6	16.5	109.1			58	10130	5510	4890	4710	4410	4410	6610	5900	
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550		
		11.6	35.7	16.5	106.2			73	13450	7300	6480	6260	5840	5840	8770	7830	
340/80R18 (335/80R18) (12.5R18) IND	11 12 11SDC 12SDC W10 W11	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650		
		13.8	39.4	17.7	116.9			58	13810	7510	6650	6430	6000	6000	9010	8040	
		404	1017	461	3073			147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	121					58	15590	8470	7190	7060	6780	6780	10160
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2250	2140	2060	2060	3090	2760		
		11.1	37.6	17.2	112			58	10450	5690	4960	4720	4540	4540	6810	6090	
340/80R20 (12.5/80R20) IND	11 12 11SDC 12SDC W10 W11	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750		
		13.5	41.4	18.8	126			58	14190	7710	6850	6610	6170	6170	9250	8260	
		380	1078	487	3181			148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
		15	42.4	19.2	125.2					58	15970	8680	7710	7420	6940	6940	10420
380/75R20 (14.5R20) IND	W11 11 12	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220		
		15	42.4	19.2	125.2			58	15970	8680	7710	7420	6940	6940	10420	9300	
400/70R20 IND	W13 W12 12SDC 13SDC W14L	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360		
		16.1	42.2	19.1	127.5			58	16480	8940	7950	7670	7160	7160	10750	9600	

# 580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
		mm in	mm in	mm in	mm in		Constant load					10^6	15^9		
		mm in	mm in	mm in	mm in		Static	10 6	25 16	30 19	40 25	50 31	10^6	15^9	
425/75R20 (16.5R20) IND	13					154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11					154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12	420	1138	511	3449										
	12SDC	16.5	44.8	20.1	135.8	160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
	14														
405/70R24 IND	13	404	1170	538	3521	152A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.9	46.1	21.2	138.6	152B	58	16980	9230	8190	7890	7380	7380	11080	9890
440/80R24 (16.9R24) IND	DW14L														
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	14 TW14L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
460/70R24 (17.5LR24) IND	DW15L														
	DW14L														
	DW16L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
	16														
	TW14L														
500/70R24 (19.5LR24) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L 16	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
480/80R26 (18.4R26) IND	DW15	479	1428	634	4248	160A8	3.2	10350	5630	4910	4680	4500	4500	6750	6030
		18.9	56.2	25	167.2	160B	46	22820	12410	10830	10320	9920	9920	14880	13290
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

# 570 R-1



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial construction provides even pressure distribution, high productivity and optimal fuel consumption.



## 570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)				Cyclic Applications				
		mm in	mm in					Constant load				Cyclic Applications				
		mm in	mm in					Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31
425/55R17	13	425	890	395	2263	140A8	3.5	5750	3750	2680	2500	4380	2750	2500	2500	
		16.7	35	15.6	89.1	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
400/70-20	13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
		19.5	52	23.6	154	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
		17.5	49	22.2	145	159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
500/85R24	W16L W15L	528	1458	653	4365	171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600
						179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
						150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

# 317 R-1



Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



## 317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in						15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
		mm in	mm in						bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
10.5-18	9	270	905	415	2700	10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700	
								54	6190	5620	4690	4320	4190	4120	4010	3900	3740	
		10.6	35.6	16.3	106.3	12	130G	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900	
								65	6925	6285	5245	4830	4695	4605	4475	4355	4190	
12.5-18	11 12	325	990	450	2940	10	128G	3	2970	2700	2250	2070	2020	1980	1930	1870	1800	
								43	6540	5950	4960	4560	4450	4360	4250	4125	3960	
		12.8	39	17.7	115.7	12	131G	3.5	3220	2930	2440	2240	2180	2150	2090	2025	1950	
								51	7100	6460	5380	4940	4810	4740	4610	4460	4300	
16	136G	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240							
		65	8150	7400	6170	5680	5530	5420	5290	5130	4930							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in						15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56		
10.5-20	9	270	955	445	2880	12	131G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950		
		10.6	37.6	17.5	113.4		62	7090	6450	5370	4930	4800	4740	4600	4470	4300			
12.5-20	11	325 12.8	1040 40.9	475 18.7	3090 121.7	10	129G	3 43	3050 6720	2780 6120	2310 5090	2130 4690	2070 4560	2040 4490	1980 4360	1925 4245	1850 4070		
						12	132G	3.5 51	3300 7270	3000 6610	2500 5510	2300 5070	2240 4850	2200 4710	2140 4580	2080 4410			
		14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	10	132G	2.5 36	4700 10350	3760 8280	3090 6810	2760 6080	2530 5570	2400 5290	2310 5090	2260 4980	2240 4930
								12	136G	3 44	5250 11560	4200 9250	3450 7600	3080 6780	2830 5900	2680 5680	2580 5570	2530 5510	2500 5510
16/70-20 405/70-20	13.SDC	407	1076	791	3200	14	145G	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900		
		16	42.4	31.1	126		51	10550	9580	8000	7360	7160	7030	6830	6645	6390			
10.0/75-15.3	9 X 15.3	264	780	360.5	2377	12	126A6 (123A8)	4.7											
		10.4	30.7	14.2	93.6		68												

## 317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
10.5-18	9	270	905	415	2700	10	130 B	3.8	3990	3190	2620	2340	2150	2030	1960	1920	1900
		10.6	35.6	16.3	106.3		54	8790	7030	5770	5150	4740	4470	4320	4230	4190	
12.0-18	9 11	294	949	420	2770	12	145A6	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580
		11.6	37.4	16.5	109.1		65	15070	8460	7110	6700	6390	6190	5970	5790	5680	
12.5-18	11 12	325 12.8	990 39	415 16.3	2790 109.8	6	124 B	2 29	3360 7400	2690 5930	2210 4870	1970 4340	1810 3990	1710 3770	1650 3630	1620 3570	1600 3520
						8	129 B	2.5 36	3890 8570	3110 6850	2550 5620	2280 5020	2090 4600	1980 4360	1910 4210	1870 4120	1850 4070
		12	135 B	3.5	4580	3660	3010	2680	2460	2330	2250	2200	2180				
				51	10090	8060	6630	5900	5420	5130	4960	4850	4800				
16	140 B	4.5	5250	4200	3450	3080	2830	2680	2580	2530	2500						
							65	11560	9250	7600	6780	6230	5900	5680	5570	5510	

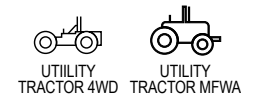
## 317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	6	123 B	2.5 36	3260 7180	2600 5730	2140 4710	1910 4210	1750 3850	1660 3660	1600 3520	1570 3460	1550 3410
						8	127 B	3 44	3680 8110	2940 6480	2420 5330	2150 4740	1980 4360	1870 4120	1800 3960	1770 3900	1750 3850
						10	132 B	3.8	4200	3360	2760	2460	2260	2140	2060	2020	2000
								54	9250	7400	6080	5420	4980	4710	4540	4450	4410
						12	135 B	4.3	4580	3660	3010	2680	2460	2330	2250	2200	2180
								62	10090	8060	6630	5900	5420	5130	4960	4850	4800
16	142 B	6 87	5570 12270	4450 9800	3660 8060	3260 7180	2990 6590	2840 6260	2730 6010	2680 5900	2650 5840						
12.5-20 Steel Belted	11	325 12.8	1040 40.9	475 18.7	3090 121.7	6	130 B	2.5 36	3990 8790	3190 7030	2620 5770	2340 5150	2150 4740	2030 4470	1960 4320	1920 4230	1900 4190
						8	133 B	3 44	4330 9540	3460 7620	2840 6260	2530 5570	2330 4850	2200 4670	2120 4580	2080 4540	
						10	136 B	3.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								51	10350	8280	6810	6080	5570	5290	5090	4980	4930
						12	140 B	4	5250	4200	3450	3080	2830	2680	2580	2530	2500
								58	11560	9250	7600	6780	6230	5900	5680	5570	5510
16	143 B	4.6 67	5720 12600	4580 10090	3760 8280	3350 7380	3080 6780	2920 6430	2810 6190	2750 6060	2725 6000						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	mm in	mm in		5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31			
14.5-20	11	355	1095	500	3260	12	136 B	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240	
									36	10350	8280	6810	6080	5570	5290	5090	4980	4930
	12	14	43.1	19.7	128.3	14	140 B	3	5250	4200	3450	3080	2830	2680	2580	2530	2500	
									44	11560	9250	7600	6780	6230	5900	5680	5570	5510
	14	143 B	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725						
				51	12600	10090	8280	7380	6780	6430	6190	6060	6000					
	16	145 B	4	6090	4870	4000	3570	3280	3100	2990	2930	2900						
				58	13410	10730	8810	7860	7220	6830	6590	6450	6390					
	18	147 B	4.5	6460	5170	4240	3780	3470	3290	3170	3110	3075						
				65	14230	11390	9340	8330	7640	7250	6980	6850	6770					

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
		mm in	mm in	Drive Wheel					Free rolling									
				bar	Static			10	15	20	30	40	Static	10	20	30	40	
PSI	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph						
10.0/75-15.3	9	264	780	360	2377	12	4.7	2820	1550	1450	1370	1200	1090	2810	2190	1940	1700	1550
								68	6220	3420	3200	3020	2650	2400	6200	4830	4280	3750
						115A6 (111A8)												

# 533 R-4



Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.



## 533 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		SW	OD				Speed, km/h (mph)									
		mm in	mm in	Industrial Use					Agricultural Use							
				Infl.	Constant load		Cyclic Applic		Infl.	Road Transport			Field			
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
14.9-24	W13	378	1241	560	3661	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
	W12	14.9	48.9	22	144.1	12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
						145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L	429	1309	589	3855	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L	444	1240	551	3623	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
	W14L	17.5	48.8	21.7	142.6	10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L	467	1375	605	3992	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L	495	1314	580	3823	10	1.9	3350	3075	3780	3075	1.7	3180	2370	2160	2540
						147A8	28	7380	6770	8330	6770	25	7000	5220	4760	5590
	W16L	19.5	51.7	22.8	150.5	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
						151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L	533	1377	605	3995	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
	W18L	21	54.2	23.8	157.3	12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290						
160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250						

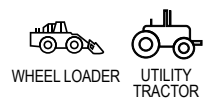
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Speed, km/h (mph)					Industrial Use				Agricultural Use					
		SW	OD	Constant load			Cyclic Applic		Road Transport		Field					
		mm in	mm in	20 12	40 25		20 12	40 25	20 12	40 25	50 31	10 6				
18.4-26	DW16A W16L W15L	467	1425	628	4325	10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
		18.4	56.1	24.7	170.3	153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429	1410	641	4179	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
		16.9	55.5	25.2	164.5	152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L W15	467	1477	655	4310	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
		18.4	58.1	25.8	169.7		36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440	1470	664	4339	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
		17.3	57.9	26.1	170.8	149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

# 300 MPT

R-4

SC  
SPECIAL COMPOUND

AS  
ALL STEEL



Alliance 300 is a modern, all steel radial, wide-base tire. Its unique tread design provides high mileage and high performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)									
		Speed, km/h (mph)																
		SW	OD	15 9	20 12				30 19	40 25	50 31	60 37	70 44	80 50	90 56			
12.5R20	11	330	1040	475	3112	12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000	
		13	40.9	18.7	122.5				7270	6610	5510	5070	4930	4850	4710	4580	4410	



# OTHER INDUSTRIAL & CONSTRUCTION

## 312 PLUS



The Alliance 312 Plus comes with a superior sidewall and rim shield protection and works well on trenchers and many other types of machinery. Its open deep shoulders provide good traction both on road and off road and excellent self-cleaning even in the most severe operations.



SIZE	RIM	OD		Rolling Circumference		PR	Load Index		Loaded Static Radius	Recommended Load		Inflation Pressure
		mm in	mm in	mm in	mm in		Speed Symbol	kg lbs		bar psi		
29X12.50-15NHS	10LB	750	318	2213		8	107B		350	975	2.75	
		29.5	12.5	87.1						13.8	2150	40

## 321 PLUS



Alliance 321 plus is specially designed for backhoes plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life.



SIZE	RIM	SW		OD		Rolling Circumference		PR	Load Index		Inflation Pressure		Recommended Load
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi		10 kmph				
15.5/70-18	W13	400	1030	451		3220	126.8	14	149A2	3.65	3250		
		15.7	40.6	17.8						53	7170		

## 590



Alliance 590 is a Heavy Duty Radial Flotation Tire designed specifically to suit the needs Agriculture and Construction applications. A Robust Steel Belted construction, with a non directional design and superior Cut and Chip resistant compound enables to handle heavy Loads and operate both in Farms as well as On/Off Road conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)							
		SW mm in	OD mm in					Speed, km/h (mph)							
								Mixed Application							
								Static	10 6	20 12	30 19	40 25	50 31	65 40	70 43
600/55R26.5	20	611	1333	612	4071	173D	6	14950	11700	10730	9820	8840	7870	6500	5920
		24.1	52.5	24.1	160.3		87	32960	25790	23660	21650	19490	17350	14330	13050
650/55R26.5	20	650	1390	635	4253	177D	6	16790	13140	12050	11020	9930	8830	7300	6640
		25.6	54.7	25	167.4		87	37020	28970	26570	24300	21890	19470	16090	14640
650/60R26.5	AG20.00	650	1453	662	4443	180D	6	18400	14400	13200	12080	10880	9680	8000	7280
		25.6	57.2	26.1	174.9		87	40570	31750	29100	26630	23990	21340	17640	16050
650/65R30.5	AG20.00	660	1621	741	4923	184D	6	20700	16200	14850	13590	12240	10890	9000	8190
		26	63.8	29.2	193.8		87	45640	35720	32740	29960	26990	24010	19840	18060
710/50R30.5	AG20.00	727	1490	683	4542	181D	6	18980	14850	13610	12460	11220	9980	8250	7510
		28.6	58.7	26.9	178.8		87	41840	32740	30010	27470	24740	22000	18190	16560



**EXCAVATOR**

# 390

I-2

SC

WRC

FLOTATION

SPECIAL COMPOUND

WEAR RESISTANT COMPOUND



The Alliance 390 heavy duty is a special construction tires for hard work in tough environments. It is developed to carry heavy loads on tough terrain conditions. The tire gives excellent machine stability, comfortable ride and traction and better overall performance on the road. The steel belts in the tire make it a tough tire for tough terrains. Special compounds like wear resistant compound and puncture resistant compound give it an increased tire life.



## HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
600/50R22.5	20.00DC	605	1168	527.3	3605	174A8	6.5	15410	8380	7100	6970	6700	6150	-	-
Heavy Duty Industrial		23.8	46	20.8	141.9	171B	94	33940	18460	15640	15350	14760	13550	-	-

## MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infi. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								Mixed application										
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
24R20.5	18	605	1372	620	4208	176F	6	17750	12780	-	9590	8880	8170	7950	7810	7630	7460	7100
ALL STEEL		23.8	54	24.4	165.7		87	39100	28150	-	21120	19560	18000	17510	17200	16810	16430	15640
500/45R22.5 MPT	AG16.00	508	1025	472	3158	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750
ALL STEEL		20	40.4	18.6	124.3			87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680
600/50R22.5 MPT	20.00DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	138.2			87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260

# 380

I-2

SC

WRC

SB

FLOTATION

SPECIAL COMPOUND

WEAR RESISTANT COMPOUND

STEEL BELTED



Alliance 380 is a heavy duty radial flotation tire suitable for excavators, developed to carry heavy loads on tough terrain conditions. Special non-directional tread pattern enables equal traction and steering capability in forward and backward driving directions. The tire is successfully replacing dual configuration for wheeled excavators. In addition, the tire gives excellent machine stability, comfortable ride, good machine mobility, better self-cleaning and traction, and better overall performance on the road. Unique sidewall construction enables high side machine stability and tilt characteristics, while steel breakers efficiently prevent punctures and enable uniform ground stress distribution.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
620/40R22.5	20.00DC	605	1085	491	3352	169A8	6.5	13630	8120	6900	6500	5800	5510	-	-
							94	30020	17890	15200	14320	12780	12140	-	-
							7	14450	8610	7320	6900	6150	5840	-	-
						171A8	102	31830	18960	16120	15200	13550	12860	-	-



# 506 DUAL MASTER



Alliance 506 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. Shoulder lugs provide efficient grip on soft surfaces. More rubber around the center line provides smooth and stable behavior on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW mm in	OD mm in					Speed, km/h (mph)						
								For Single tire on Dual Application						
								Static	10 6	20 12	25 16	30 19	40 25	50 31
315/80R22.5	9	329.5	1100	508.8	3366	154A8	8.5	8810	5250	4730	4460	4200	3750	3380
		13	43.3	20	132.5	158A8	9	19410	11560	10420	9820	9250	8260	7440
							131	22000	13120	11820	11130	10490	9370	8440

# 528 DUAL MASTER

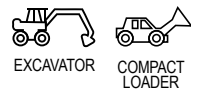


Alliance 528 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. The 528 tread pattern belongs to the moderate traction group, providing effective performances on both, on and off road applications. Shoulder lugs provide efficient grip on soft surfaces.

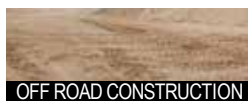


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW mm in	OD mm in					Speed, km/h (mph)						
								For Single Application *						
								Static	10 6	20 12	25 16	30 19	40 25	50 31
315/80R22.5	9	325.5	1100	508.2	3343	154A8	8.5	8810	5250	4730	4460	4200	3750	3380
		12.8	43.3	20	131.6	158A8	9	19410	11560	10420	9820	9250	8260	7440
							131	22000	13120	11820	11130	10490	9370	8440

# 225



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling and better mileage on road service, it is recommended to mount tires in opposite direction than usual.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
8.25-20ML	6.5	234	985	467	3000	12 134B	6.2	4260	2960	2480	2400	2350	2330	2250	2160	2120	
	6.50T																
	7																
	7.00T																
	9.2	38.8	18.4	118.1	90	9380	6520	5460	5290	5180	5130	4960	4760	4670			
	7.0T5°																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31		
9.00-20ML	7 7.00T 7.0T5° 7.5 7.5V 7.5T5°	256	1035	491	3150	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240		
								136B	75	9890	6870	5770	5570	5480	5420	5220	5020	4930
								12	6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500
								140B	90	11060	7690	6450	6230	6120	6060	5840	5620	5510
								14	7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800
10.00-20ML ML-2	7.5 7.50V 8 8.00V 8.0V5°	275	1065	505	3240	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575		
								141B	75	11410	7930	6650	6430	6320	6260	6040	5790	5670
								14	6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900
								145B	96	12840	8940	7490	7250	7110	7050	6780	6520	6390
								16	7.5	6300	4410	3685	—	3495	—	3340	—	3150
11.00-20ML ML-2	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	291	1095	517	3320	12	5.5	5830	4060	3400	3290	3230	3200	3080	2960	2900		
								145B	80	12840	8940	7490	7250	7110	7050	6780	6520	6390
								16	7.2	7330	5100	4280	4130	4050	4020	3870	3720	3650
								153B	104	16150	11230	9430	9100	8920	8850	8520	8190	8040
								12	5	6740	4690	3930	3800	3730	3690	3560	3420	3350
15-22.5ML ML-2	11.75 12.25	388	1095	508	3290	150B	73	14850	10330	8660	8370	8220	8130	7840	7530	7380		
								14	6	7550	5250	4400	4250	4170	4140	3980	3830	3750
								154B	87	16630	11560	9690	9360	9190	9120	8770	8440	8260
								16	7.25	8550	5950	4990	4820	4730	4690	4510	4340	4250
								158B	105	18830	13110	10990	10620	10420	10330	9930	9560	9360
								22	9.6	10050	6990	5870	5660	5560	5510	5300	5100	5000
164B	139	22140	15400	12930	12470	12250	12140	11670	11230	11010								

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
12.5-20MPT	11	325	1040	475	3090	10	133F	3.5	3400	3090	2580	2370	2310	2270	2200	2060	—
								51	7490	6810	5680	5220	5090	5000	4850	4540	—
								14	137F	3.8	3680	3350	2790	2560	2500	2450	2390
		12.8	40.9	18.7	121.7			4	3800	3450	2880	2650	2580	2530	2460	2300	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	50 31	
10.00-20ML	7.5X20	275	1065	499.8	3267	16	7.9	3150	
		10.8	41.9	19.7	128.6	148B	115	6945	



Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended to mount the tires in the opposite direction than usual.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
18-19.5	14 13	457	1080	495	3326	16	6	9040	6290	5280	5090	5000	4960	4770	4590	4500
						160B	87	19910	13850	11630	11210	11010	10930	10510	10110	9910
						18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150
						165B	105	22780	15840	13300	12840	12600	12490	12030	11560	11340

# 624

**R-4**

**SC**  
SPECIAL  
COMPOUND

**AS**  
ALL STEEL



Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press bar psi	Recommended load , kg (lbs)										
		SW mm in	OD mm in					Speed, km/h (mph)										
								Constant Load								Cyclic Applications*		
								Static	5 3	10 6	25 16	30 19	35 22	40 25	5*** 3	10** 6	15 9	
445/70R19.5 (18R19.5)	14	445	1105	497	3400	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710	
445/70R22.5 (18R22.5)	14	454	1195	539.2	3646	175A8	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250	
		17.9	47	21.2	143.5	182A2	109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370	

# 331

**I-3**

**WRC**  
WEAR  
RESISTANT  
COMPOUND



FLOTATION

Alliance 331 Heavy Duty Flotation tread design is basically a high traction profile with good self cleaning characteristics suitable for on/off road service. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)										
		SW mm in	OD mm in					Speed, km/h (mph)										
								Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
								Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31		
500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750	4500	4050		
		19.3	38.6	17.6	114.6	162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920		
						160A8												
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3356	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220		
		23.6	43.3	19.9	132.1	171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500		
						169A8												
600/50-22.5	20.00DC	600	1205	547	3472	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400		
		23.6	47.4	21.5	136.7	172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890		
						170A8												
650/45-22.5	20.00DC	645	1170	535	3648	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220		
		25.4	46.1	21.1	143.6	171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500		
						169A8												
700/40-22.5	24.00DC	700	1230	559	3700	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850		
		27.6	48.4	22	145.7	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890		
						173A8												



# 344

LS-2

SB

STEEL BELTED



EXCAVATOR

The Alliance 344, Heavy Duty flotation tire has been developed for excavators to carry heavy loads on tough terrain conditions. The tire successfully replaces the traditional dual-wheels configuration. It gives excellent traction, machine stability and better self-cleaning. In addition, the steel breaker construction efficiently prevents punctures and enables uniform ground stress distribution.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
600/40-22.5	AG20.00	590 23.2	1090 42.9	500 19.7	3358 132.2	175A6 171A8	7 102	10150 22360	9530 20990	8180 18020	7750 17070	7320 16120	6890 15180	6520 14360	6150 13550	5540 12200

# 839

E-2

C+C

CUT & CHIP RESISTANT COMPOUND



EXCAVATOR

Alliance 839 has strong carcass construction that provides good puncture resistance and stability. Improved tread design gives good traction, improved tread life, excellent self-cleaning and smooth driving experience in off road conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
8.25-20NHS	7	236	992	480	3088	14	122B	6.9	2100	1755	1695	1665	1650		1590	1530	1500
		9.3	39.1	18.9	121.6		100	4630	3870	3740	3670	3640		3510	3370	3310	
9.00-20NHS	7	259	1038	489.5	3187	14	140B	6.9	3500	2925	2825	2775	2750		2650	2550	2500
		10.2	40.9	19.2	125.5		100	7715	6450	6230	6120	6060		5840	5620	5510	
10.00-20 NHS	7.5	275	1070	493	3230	16	148B	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150
		10.8	42.1	19.4	127.2		109	13880	9720	8125	7850	7705	7640	7365	7085	6950	
11.00-20NHS	8	293	1104	513	3352	16	149B	7.1	4550	3800	3675	3605	3575		3445	3315	3250
		11.5	43.5	20.2	132		104	10030	8375	8100	7945	7880		7595	7310	7165	

699

E-2

CRC

CHIP & CHUNK  
RESISTANT  
COMPOUND



Alliance 699 is a versatile, diagonal lug tire designed to provide excellent traction and durability in every working condition. The closed lugs at the center increase the tire's durability and make it highly wear-resistant. Its unique lug angles enhance the overall machine productivity and roadability. The superior grip and exceptional ground stability along with good concerning support make it easier for the tires to carry extreme loads on versatile surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					Constant Load Application	
9.00-20	7.0	264	1021	464	3066	14	7	2650	3875
	7.5	10.4	40.2	18.3	120.7	155A2 142B	102	5840	8540
10.00-20	7.5	278	1050	477	3165	16	7.5	4625	3150
		10.9	41.3	18.8	124.6	161A2 148B	109	10200	6950
11.00-20	8	293	1085	506	3276	16	7.5	4875	3350
		11.5	42.7	19.9	129	163A2 150B	109	10750	7390

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					Excavator	
290/95-20	8.00	294	1075	493	3280	22	9.25	5600	3550
		11.6	42.3	19.4	129.1	168A2 152B	134	12350	7830
8.25-20	6.50	235	975	450	2944	14	7.75	3550	2430
	7.00	9.3	38.4	17.7	115.9	152A2 139B	112	7830	5360

# 550 MULTIUSE

R-4

SB

STEEL BELTED



MULTIUSE 550 has been developed for specific applications on Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and rubber to void ratio, provides long tread life and low rolling resistances during transport operation on hard surfaces. In addition, steel belt provides the most efficient puncture protection.



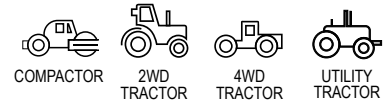
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)												
		SW	OD					Speed, km/h (mph)									Cyclic Applications			
									Constant Load											
		mm in	mm in					mm in	mm in	bar psi	Static kmph	10 kmph	15 kmph	20 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph	70 kmph
400/70R18 (16/70R18)	13	404	1017	461	3049	147A8	4	7070	3840	-	-	3410	3290	3075	3010	2800	-	4610	4120	
		15.9	40	18.1	120	144D	58	15590	8470	-	-	7520	7250	6780	6640	6170	-	10160	9080	
405/70R18IND (16.0/70R18IND)	13	404	1021	468	3059	153A2	3.75	5920	3650	-	-	2830	2780	2730	2650	2757	-	3980	3550	
		15.9	40.2	18.4	120.4		54	13050	8050	-	-	6240	6130	6020	5840	6080	-	8770	7830	
340/80R20IND (12.5R20IND)	11	343	1052	477	3148	144A8	4	3850	6600	3600	-	3150	3000	2875	2700	2500	-	2275	4330	
		13.5	41.4	18.8	123.9		58	8490	14550	7940	-	6950	6610	6340	5950	5510	-	5020	9550	
360/80R20	11	441	1319	493	3265	147A8	4	10560	5760	-	5040	4800	4600	4320	4000	3640	-	6920	6160	
		17.4	51.9	19.4	128.5	143D	58	23280	12700	-	11110	10580	10140	9520	8820	8030	-	15260	13580	
405/70R20 (16.0/70R20)	14	404	1076	486	3205	149A8	4	4360	7480	4510	-	3410	3380	3250	3250	-	-	4880	-	
		15.9	42.4	19.1	126.2		58	9610	16490	9940	-	7520	7450	7170	7170	-	-	10760	-	
340/80R24IND (12.5R24IND)	11	343	1154	529	3439	140A8	3.2	5755	3139	-	2747	-	2616	2507	2354	2180	-	3770	3360	
		13.5	45.4	20.8	135.4	135D	46	12690	6920	-	6060	-	5770	5530	5190	4810	-	8310	7410	
440/80R24IND (16.9R24IND)	15	441	1314	593	3913	154A8	3.2	8580	4680	-	4095	-	3900	3738	3510	3250	2958	5620	5010	
		17.4	51.7	23.3	154.1	149D	46	18920	10320	-	9030	-	8600	8240	7740	7170	6520	12390	11050	
440/80R30 (16.9R30)	15	434	1468	666	4402	153D	3.2	9636	5256	-	4599	-	4380	4198	3942	3650	3322	6310	5620	
		17.1	57.8	26.2	173.3	157A8	46	21240	11590	-	10140	-	9660	9260	8690	8050	7320	13190	12390	





**PAVER AND  
COMPACTOR**

# 329 R-3



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static					High Torque					Low Torque	
mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	20 12						
14.9-24	W13	394	1241	569	3698	6	1.4	3570	2330	1720	1660	1550	1410	2170	1860	1660			
						123A8	20	7860	5130	3790	3660	3410	3110	4780	4100	3660			
	W12	15.5	48.9	22.4	145.6	8	1.8	4140	2700	2000	1930	1800	1640	2520	2160	1930			
						128A8	26	9120	5950	4410	4250	3960	3610	5550	4760	4250			
16.9-24	W15L	442	1309	579	3814	8	1.7	4740	3090	2290	2200	2060	1870	2880	2470	2200			
						133A8	25	10440	6810	5040	4850	4540	4120	6340	5440	4850			
	W16L	17.4	51.5	22.8	150.2	6	1.1	4600	3000	2220	2140	2000	1820	2800	2400	2140			
						132A8	16	10130	6610	4890	4710	4410	4010	6170	5290	4710			
18.4-26	DW16	480	1426	645	4213	10	1.8	6100	3980	2940	2840	2650	2410	3710	3180	2840			
						142A8	26	13440	8770	6480	6260	5840	5310	8170	7000	6260			
	W15L	18.9	56.1	25.4	165.9	12	2.3	6900	4500	3330	3210	3000	2730	4200	3600	3210			
						146A8	33	15200	9910	7330	7070	6610	6010	9250	7930	7070			
23.1-26	DW20	587	1580	697	4600	10	1.4	7480	4880	3610	3480	3250	2960	4550	3900	3480			
						149A8	20	16480	10750	7950	7670	7160	6520	10020	8590	7670			
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680			
		23.1	62.2	27.4	181.1	159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310			

## 329 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static					High Torque					Low Torque	
mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	20 12						
13.6-28	W12	345	1311	610	3942	6	1.6	3340	2180	1610	1550	1450	1320	2030	1740	1550			
						121 A8	23	7360	4800	3550	3410	3190	2910	4470	3830	3410			
	w11	13.6	51.6	24	155.2	8	2	3910	2550	1890	1820	1700	1550	2380	2040	1820			
						126A8	29	8610	5620	4160	4010	3740	3410	5240	4490	4010			



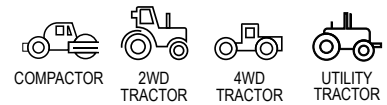
# 329 I-2 COMPACTOR & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)											
						Free rolling				Drive Wheel										
		mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31					
13.50-16.1SL	W11C	353 13.9	1021 40.2	450 17.7	2970 116.9	136A8	⊖	2.8	3140	2670	2240	2020	2170	1840	1550	1400				
						132 B														
						123A8	⊖	41	6920	5880	4930	4450	4780	4050	3410	3080				
						120 B														
						138A8	⊖	3	3300	2810	2360	2120	2310	1960	1650	1490				
						134 B														
125A8	⊖	44	7270	6190	5200	4670											5090	4320	3630	3280
122 B																				

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed					Not high and sustained torque ; Road transport				
				Field Operation													
		mm	mm	mm	mm	mm	mm	bar	10*HT	10*LT	25*LT	Static	10	25	30	40	50
28L-26	25	714	1591	702	4627	16	2	4820	6300	5400	10350	6750	5000	4820	4500	4100	
		28.1	62.6	27.6	182.2	160A8	29	10630	13890	11910	22820	14880	11020	10630	9920	9040	
23.1-26	DW20B	587	1560	692	4687	12	1.7	3910			8400	5480	4050	3910	3650		
		23.1	61.4	27.2	184.5	153A8	25	8620			18520	12080	8930	8620	8050		

# 330 R-3 C+C

CUT & CHIP RESISTANT COMPOUND



The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
						Not high and sustained torque; Road transport					Field operation						
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	High Torque 10 6	
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4702	8	1.1	6670	4350	3220	3100	2900	2640	4060	3480	3100	
					185.1	145A8	16	14690	9580	7090	6830	6390	5810	8940	7670	6830	
					4724	12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910	
					186.0	153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610	
					4600	16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680	
					181.1	159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310	
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661	154A8	20	19010	12400	9160	8830	8260	7510	11560	9910	8830	
					183.5	16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820	
					160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620		
650/75R32	DW21B	628 24.7	1765 69.5	800 31.5	5135	160A8	1.6	10350	6750	4995	4815	4500	4500	-	-	-	
					202.2	160B	23	22820	14880	11010	10620	9920	9920	-	-	-	
					175A8	4	15870	10350	7660	7380	6900	6900	-	-	-		
					175B	58	34987	22818	16887	16270	15212	15212	-	-	-		

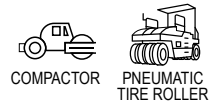
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)					
		Speed, km/h (mph)											
		Industrial Tractor											
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
800/60R32 (30.5LR32)	DW27	775	1794	796.2	5323	165A8/165B	1.6	14880	6900	5665	5510	5150	5150
		30.5	70.6	31.3	209.6		23	32810	15210	12490	12150	11350	11350

## 330 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Free Rolling				Drive Wheel										
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
23.1-26	DW20					12	1.7	12020	6530	5540	5225	4750	5940	5040	4750	4320
						162A8	25	26480	14380	12200	11510	10460	13080	11100	10460	9520
						16	2.3	14170	7700	6530	6160	5610	7000	5940	5600	5100
						168A8	33	31210	16960	14380	13570	12360	15420	13080	12330	11230
						18	2.6	15180	8250	7000	6600	6010	7500	6360	6000	5460
						170A8	38	33440	18170	15420	14540	13240	16520	14010	13220	12030
28L-26	DW25A					12	1.6	13790	7490	6350	5995	5460	6810	5780	5450	4960
						167A8	23	30370	16500	13990	13200	12030	15000	12730	12000	10930
						16	2.2	16450	8940	7580	7150	6510	8130	6890	6500	5920
						173A8	32	36230	19690	16700	15750	14340	17910	15180	14320	13040

\* Available in OD = 61 (1550 mm) defined as B-61.

## 890 C-1



Alliance 890 is a specifically designed for compacting roadbeds and rolling asphalt, the smooth wide tread provides even pressure distribution on road surfaces leading to a smooth finish. The compound used in this tire provides enhanced resistance to oily chemicals used in compacting applications thus providing outstanding durability during operation.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press bar psi	Recommended load, kg (lbs)	
		SW mm in	OD mm in					Speed, km/h (mph)	
		10 6							
11.00-20	8.00x20	293	1070	488	3294	18	8.3	5806	
		11.5	42.1	19.2	129.7		120	12800	

**LAWN,  
GARDEN  
AND TURF**



# 221

HF-2

FLOTATION



Alliance 221 Grassland Flotation (High Flotation) tire improves mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to the field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Mixed application									
									mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
31x15.50-15 NHS	13LB	391	792	372.6	2397	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975		
		15.4	31.2	14.7	94.4		107 B	30	3220	2930	2780	2620	2470	2360	2250	2150		
		33x15.5-15	13LB	390	875	375	2530	8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
				15.4	34.4	14.8	99.6		116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
450/55-17 NHS	16	440	925	413	2711	8	132 A8	2.5	2780	2520	2390	2260	2130	2000	1940	1850		
		17.3	36.4	16.3	106.7		129 B	36	6120	5550	5260	4980	4690	4410	4270	4070		

## 221 IMPLEMENT RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
425/55R17	13	420	890	399	2656	137D	3.5	5290	4140	3630	3470	3130	2780	2460	2300
		16.5	35	15.7	104.6	140A8	51	11650	9120	8000	7640	6890	6120	5420	5070
440/50R17	14	441	880	394	2675	135D	3.6	5010	3920	3440	3290	2960	2640	2330	2180
		17.4	34.6	15.5	105.3		52	11040	8630	7580	7250	6520	5810	5130	4800
500/55R20	16	505	1055	455	3250	160B	4.2	8560	6700	5880	5620	5060	4500	3980	3720
		19.9	41.5	17.9	127.9		61	18850	14760	12950	12380	11150	9910	8770	8190

## SUPER SOFT 802

R-3



The Super Soft 802 tires are ideal for pull-type agriculture implements. This tire has been strengthened, and enhanced to provide the best performance for various agricultural and industrial machines.



SIZE	P.R. & LI	TYPE	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm	mm		mm	kg	bar	km
16.5LX16.1SL	10	TL	14	1029	419	3007	465	2360	2.5	50
				40.5	16.5	118.4	18.3	5203	36	31

# 316 **R-3**



The Alliance 316 is a multi-purpose tractor tire that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in	Not high and sustained torque; Road transport						Low Torque		High Torque					
				Static	10 6			25 16	30 19	40 25	50 31	10 6	20 12	10 6			
12.4-16	W11 W10L 10LB	315 12.4	931 36.7	429 16.9	2783 109.6	10 121A8	3	3060	2000	1640	1420	1330	1210	1860	1600	1420	
							44	6740	4410	3610	3130	2930	2670	4100	3520	3130	
							3.2	3170	2070	1700	1480	1380	1260	1930	1660	1480	
							46	6980	4560	3740	3260	3040	2780	4250	3660	3260	
							3.5	3340	2180	1780	1550	1450	1320	2030	1740	1550	
							51	7360	4800	3920	3410	3190	2910	4470	3830	3410	

# 322 **HF-1**

FLOTATION



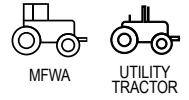
Alliance 322 tread pattern provides extremely gentle operation of golf carts, turf equipment and lawn mowers. The high void to rubber ratio enables long tread life, large footprint, as well as low and uniform ground pressure. Low tread depth and unique shoulder design minimize turf damage on hills and during sharp turns. The large footprint allows more tread on the ground and keeps the machine/equipment from sinking in while crossing wet or soft ground. The 322 tread pattern also provides smooth operation on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in	mm in	mm in		Mixed application						
							Load index speed Sym	bar psi	static	10 5	15 10	30 19	50 31
33x16LL-16.1	14	427 16.8	851 33.5	386 15.2	2520 99.2	10	127B	2.75	3780	2770	2310	1960	1750
								40	8330	6100	5090	4320	3850
41x14.00-20 NHS	11	381 15	1092 43	493 19.4	3224 126.9	4	120B	1.7	3020	2210	1850	1570	1400
								25	6650	4870	4070	3460	3080
44x18.00-20 NHS	14	457 18	1143 45	514 20.2	3366 132.5	6	136A8 132B	2.1	4210	3080	2570	2180	1950
								30	9270	6780	5660	4800	4300



# 579 R-3+



Alliance 579 is a purpose built radial tire that can effortlessly ply on various surfaces (turf, sand, asphalt and mud). It blends the features of the R-1 and R-4 tires, while overcoming their limitations. It has a spectrum of sizes for both front and rear axles. The tread depth is ideal for usage in gardens, orchards and vineyards.



SIZE	RIM	PR & LI	OD.		SW		Rolling Circumference		Loaded Static Radius		Recommended Load		Inflation Pressure		Speed	
			mm in	mm in	mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph					
220/55R12	7.00B/7.00-I-90	82A8/82B	550	220	1639	252	475	2.4	40							
			21.7	8.7	64.5	9.9	1047	35	25							
240/60R12	W7	89A8/89B	592	240	1764	269	580	2.4	40							
			23.3	9.4	69.4	10.6	1279	35	25							
220/55R14	7JA	93A8/93B	592	220	1797	280	650	3.8	40							
			23.3	8.7	71	11	1430	55	25							
200/60R15	7JA	83A8/83B	621	197	1856	286	487	2	40							
			24.4	7.8	73.1	11.3	1074	28	25							
200/65R16	W6	94A8/94B	666	198	1968	309	670	2.4	40							
			26.2	7.8	77.5	12.1	1480	35	25							
200/70R16	W6	94A8/94B	686	198	1997	330	670	2.4	40							
			27	7.8	78.6	13	1477	35	25							
240/70R16	W8	104A8/104B	740	245	2190	345	900	2.4	40							
			29.1	9.6	86.2	13.6	1980	35	25							
260/70R16	W8	109A8/109B	770	260	2295	350	1030	2.4	40							
			30.3	10.2	90.4	13.8	2270	35	25							
280/70R16	W8	112A8/112B	800	282	2384	363	1120	2.4	40							
			31.5	11.1	93.9	14.3	2469	35	25							
300/70R20	W9	110A8/110B	954	295	2843	435	1060	1.6	40							
			37.6	11.6	111.9	17.1	2340	23	25							
320/70R20	W10	113A8/113B	982	320	2926	446	1150	1.6	40							
			38.7	12.6	115.2	17.6	2540	23	25							
360/70R24	W11	122A8/122B	1152	360	3440	535	1500	1.6	40							
			45.4	14.2	135.4	21.1	3310	23	25							
380/70R24	W12	125A8/125B	1190	380	3546	540	1650	1.6	40							
			46.9	15	139.6	21.3	3640	23	25							
420/70R24	W13	130A8/130B	1248	418	3719	563	1900	1.6	40							
			49.1	16.5	146.4	22.2	4190	23	25							
320/85R28	W10	124A8/124B	1252	328	3741	562	1600	1.6	40							
			49.3	12.9	147.3	22.1	3530	23	25							
360/70R28	W11x28	125A8/125B	1251	357	3768	575.3	1650	1.6	40							
			49.3	14.1	148.3	22.6	3640	23	25							

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm	mm	Constant load										
		in	in	mm	mm		Static	10	25	30	40	50		
200/70R16	W6	198	686	314	2049	94A8	2.4	1540	840	710	700	670	670	
	7JA	7.8	27	12.4	80.7	94B	35	3400	1850	1570	1540	1480	1480	
260/70R16	W8, W9, W8L	260	770	350	2295	109A8	2.4	2370	1290	1090	1070	1030	1030	
		10.2	30.3	13.8	90.4	109B	35	5230	2840	2400	2360	2270	2270	
360/70R24	W11, W10, W12	360	1152	535	3440	122A8	1.6	3450	1880	1590	1560	1500	1500	
		14.2	45.4	21.1	135.4	122B	23	7610	4150	3510	3440	3310	3310	
480/70R28	W15L	479	1421	632	4210	140A8	1.6	5750	3750	2780	2680	2500	2500	
		18.9	55.9	24.9	165.7	140B	23	12680	8270	6130	5910	5510	5510	
340/85R28	W12	343	1289	607.5	3835	127A8	1.6	4030	2630	1940	1870	1750	1750	
		13.5	50.7	23.9	151	127B	23	8890	5800	4280	4120	3860	3860	
260/70R18	W8	258	821	382.5	2460	114A8	2.8	2710	1770	1310	1260	1180	1180	
		10.2	32.3	15.1	96.9	114B	41	5980	3900	2890	2780	2600	2600	
280/70R18	W9	282	849	387	2530	114A8	2.4	2710	1480	1250	1230	1180	1180	
		11.1	33.4	15.2	99.6	114B	35	5980	3260	2760	2710	2600	2600	
380/70R20	W12	380	1082	501	3236	122A8	1.6	3450	2250	1670	1610	1500	1500	
		15	42.6	19.7	127.4	122B	23	7610	4960	3680	3550	3310	3310	
480/70R30	W15L	479	1478	669	4420	141A8	1.6	5920	3860	2860	2760	2575	2575	
		18.9	58.2	26.3	174	141B	23	13050	8510	6310	6090	5680	5680	
480/70R34	W15L	479	1580	723	4715	143A8	1.6	6270	4090	3020	2920	2725	2725	
		18.9	62.2	28.5	185.6	143B	23	13820	9020	6660	6440	6010	6010	

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm	mm	mm		Lawn and Turf Application						
		in	in	in	in		bar	Static	10	25	30	40	50
						psi		6	16	19	25	31	
240/60R12	8.00B	244	593	266	1750	89A8	1.9	1330	730	610	600	580	580
	W7.00	9.6	23.3	10.5	68.9	89B	28	2932	1609	1345	1323	1279	1279
420/70R24	W13	418	1248	569	3620	130A8	1.6	4370	2380	2010	1980	1900	1900
	W12	16.5	49.1	22.4	142.5	130B	23	9634	5247	4431	4365	4189	4189
	W14L												
220/55R14	7.00	213	598	273	1770	93A8	2.9	1500	810	690	680	650	650
		8.4	23.5	10.7	69.7	93B	42	3307	1786	1521	1499	1433	1433

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load					
		SW	OD					Speed					
		mm	mm	mm	mm		mm	mm	mm	mm	mm	Static	
		in	in	in	in		in	in	in	in	in	in	
							bar	10	25	30	40	50	Static
							psi	kmph	kmph	kmph	kmph	kmph	kmph
280/70R18	W9, W8,	282	849	381	2487	114A8	2.4	1480	1250	1230	1180	1180	2710
	W8L, W10	11.1	33.4	15	97.9	114B	35	3260	2760	2710	2600	2600	5980



# MATERIAL HANDLING









# EARTHMOVER

# RADIAL EARTH MOVER

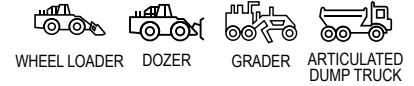
650

E-3/G-3/L-3

C+C

AS

CUT & CHIP RESISTANT COMPOUND ALL STEEL



Alliance 650 has a well proven tread pattern that enables its use for a wide range of applications on different kinds of mobile construction equipment. It's all steel construction ensures higher productivity with lower downtime.



OFF ROAD SURFACE MINING

## 650 LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)			
									Speed, km/h (mph)				Speed, km/h (mph)			
		mm in	mm in					bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6
15.5R25	12.00/1.3	395	1277	563	3858	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880
L-3/E3		15.6	50.3	22.2	151.9	176A2	83	25040	17680	15650	13320	100	28180	22710	21140	19580
20.5R25	17.00/2.0 17.00/1.7	536	1500	665	4380	**	5.75	18400	13000	11500	9780	6.9	20700	16680	15530	14380
L-3/E3		21.1	59.1	26.2	172.4	193A2	83	40570	28660	25350	21560	100	45640	36770	34240	31700
23.5R25	19.50/2.5	615	1618	719	4730	**	5.75	23200	16390	14500	12330	6.9	26100	21030	19580	18130
L-3/E3		24.2	63.7	28.3	186.2	201A2	83	51150	36130	31970	27180	100	57540	46360	43170	39970
26.5R25	22.00/3.0	695	1738	779	5110	**	5.75	29600	20910	18500	15730	6.9	33300	26830	24980	23130
L-3/E3		27.4	68.4	30.7	201.2	209A2	83	65260	46100	40790	34680	100	73410	59150	55070	50990

## 650 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
15.5R25	12.00/1.3	395	1277	563	3858	**	4.5	5040	4950	4860	4770	4680	4640	4590	4500	4370
E3/G3		15.6	50.3	22.2	151.9	176A2 160B	65	11110	10910	10710	10520	10320	10230	10120	9920	9630
20.5R25	17.00/2.0 17.00/1.7	538	1495	708	4550	**	4.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
E3/G3		21.2	58.9	27.9	179.1	177B	65	18030	17700	17370	17060	16730	16580	16420	16090	15610
23.5R25	19.50/2.5	605	1611	732	4780	**	4.5	10360	10180	9990	9810	9620	9530	9440	9250	8970
E3/G3		23.8	63.4	28.8	188.2	185B	65	22840	22440	22020	21630	21210	21010	20810	20390	19780
26.5R25	22.00/3.0	680	1745	778	5110	*	3.5	10080	9900	9720	9540	9360	9270	9180	9000	8730
E3/G3		26.8	68.7	30.6	201.2	184B	51	22220	21830	21430	21030	20640	20440	20240	19840	19250
						**	4.5	12880	12650	12420	12190	11960	11850	11730	11500	11160
						193B	65	28400	27890	27380	26870	26370	26130	25860	25350	24600

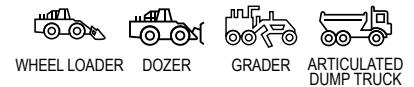
690

E-3/G-3/L-3

C+C

AS

CUT & CHIP RESISTANT COMPOUND ALL STEEL



Alliance 690 is a modern wide-base, all-steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction enable superior performance and high mileage coupled with smoother rides. The all steel construction ensures low downtime and higher productivity.



OFF ROAD SURFACE MINING

## 690 LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)			
									Speed, km/h (mph)				Speed, km/h (mph)			
		mm in	mm in					bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6
17.5R25	14.00/1.5	477	1345	619	3994	**	5.75	13600	9610	8500	7230	6.9	15300	12330	11480	10630
L-3/E3		17.6	53	24.4	157.3	182A2	83	29980	21190	18740	15940	100	33730	27180	25310	23440

All Steel

# 690 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
17.5R25	14.00/1.5	477	1345	619	3994	**	4.5	6100	6000	5890	5780	5670	5610	5560	5450	5290
E3/L3		17.6	53	24.4	157.3	167B	65	13450	13230	12990	12740	12500	12370	12260	12020	11660

## 655

**G-2/L-2**

**C+C**

**SC**

**AS**

CUT&CHIP RESISTANT COMPOUND

SPECIAL COMPOUND

ALL STEEL



GRADER

WHEEL LOADER

Alliance 655 Multiuse Special Winter tire represents an excellent all-season tire provided with specific, wide, non directional tread pattern which enables good grip on every surface and good self cleaning even in muddy terrains. Its strong steel stress resistant casing reduces punctures. The tire's special rubber compound, aggressive blocks and sipes enable exceptional traction, maneuvering ability and braking on ice and snow as well as on sand and loose terrains. Low motion resistance of the tire significantly decreases vehicle fuel consumption, and the special rubber compound along with strong all-steel carcass enables longevity.



## 655 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					Speed, km/h (mph)					Speed, km/h (mph)			
		mm in	mm in					mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static
15.5R25	12.00/1.3	400	1274	564	3804	*	4.5	10440	8410	7830	7250	9280	6550	5800	4930	7250
		15.7	50.2	22.2	149.8	169A2	65	23020	18540	17260	15980	20460	14440	12790	10870	15970
17.5R25	14.00/1.5	440	1349	614	4046	176A2	4.5	12780	10300	9590	8880	11360	8020	7100	6040	8880
		17.3	53.1	24.2	159.3	65	28180	22710	21140	19580	25040	17680	15650	13320	19560	
20.5R25	17.00/2	522	1496	662	4486	*	4.5	17100	13780	12830	11880	15200	10740	9500	8080	11880
		20.6	58.9	26.1	176.6	186A2	65	37700	30380	28290	26190	33510	23680	20940	17810	26170

## 655 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
14.00R24	10.00VA 9.00/1.5 8.00TG	385	1364	623	4065	153A8	3.75	3650	3650	3650	3650	3650	3650	3650	3500	3320	3140
		15.2	53.7	24.5	160		54	8040	8040	8040	8040	8040	8040	7710	7390	6920	
15.5R25	12.00/1.3	400	1274	579	3804	152B	3	3270	3210	3150	3090	3030	3000	2850	2730	-	
		15.7	50.2	22.8	149.8		44	7200	7070	6940	6810	6670	6610	6280	6010	-	
		3.5	3980	3910	3830		3760	3690	3660	3620	3550	3480					
17.5R25	14.00/1.5	440	1349	621	4046	157B	3	3980	3910	3830	3760	3690	3650	3470	3320	-	
		17.3	53.1	24.4	159.3		44	8770	8610	8440	8280	8130	8040	7640	7310	-	
		3.5	4620	4540	4460		4370	4290	4250	4210	4125	4040					
20.5R25	17.00/2	522	1496	688	4486	168B	3	5040	4950	4860	4760	4670	4625	4390	4210	-	
		20.6	58.9	27.1	176.6		44	11100	10900	10700	10480	10290	10190	9670	9270	-	
		3.5	6270	6160	6050		5940	5820	5770	5710	5600	5490					
							51	13810	13570	13330	13080	12820	12710	12580	11810	12090	

Highlighted rows indicate grader application

# 655 EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Load Capacity for Earth Mover application kg (lbs)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
15.5R25	12.00/1.3-25	399	1275	561	3680	160B	5.25	5000	4875	4750	4625	4500	4250	4000	3320	3140
		15.7	50.2	22.1	144.9	169A2	76	11020	10750	10470	10200	9920	9370	8820	7390	6920
17.5R25	14.00-25	440	1349	725	4841	167B	5.25	6100	6000	5780	5610	5450	5120	4800	3550	3480
		17.3	53.1	28.5	190.6	176A2	76	13450	13230	12740	12370	12020	11290	10580	7490	7670
20.5R25	17.00/2.0-25	529	1490	642	4440	177B	5.25	8250	8000	7750	7500	7300	6900	6500	4125	4040
		20.8	58.7	25.3	174.8	186A2	76	18190	17640	17090	16540	16090	15210	14330	8700	8900

# 600

**E-2/L-2/G-2**

**HRC**

**AS**

HEAT RESISTANT COMPOUND

ALL STEEL



Alliance 600 is a modern wide base, all steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction ensure superior performance coupled with smoother rides and higher productivity.



OFF ROAD SURFACE MINING



# 600 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					Speed, km/h (mph)					Speed, km/h (mph)			
		mm in	mm in					mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static
15.5R25 L2	12.00/1.3	391	1274	576	3760	*	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
		15.4	50.2	22.7	148	169A2	65	20460	14440	12790	10870	78	23020	18540	17260	15980
17.5R25 L2	14.00/1.5	445	1345	594	3920	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880
		17.5	53	23.4	154.3	176A2	65	25040	17680	15650	13320	78	28180	22710	21140	19580

# 600 TRANSPORT & GRADER

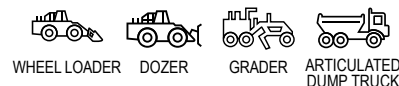
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
15.5R25 E2 / G2	12.00/1.3	391	1274	591	3830	*	3.5	3980	3910	3830	3760	3690	3660	3620	3550	3440
		15.4	50	23.3	150.8	152B	51	8770	8620	8440	8290	8140	8070	7980	7830	7580
17.5R25 E2 / G2	14.00/1.5	445	1345	614	4000	157B	3.5	4620	4540	4460	4370	4290	4250	4210	4125	4000
		17.5	53	24.2	157.5		51	10190	10010	9830	9630	9460	9370	9280	9090	8820



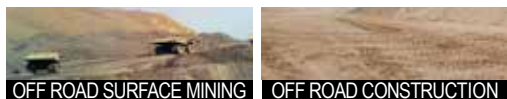
# BIAS EARTH MOVER

## 308

G-2/L-2



Alliance 308 is a tire designed for rugged service on front-end loaders. Husky tread bars are sized and angled for maximum traction and specially contoured to resist tearing and chipping. The overlapping lugs ensure smooth rolling on any type of surface and the spacing between lugs provides self-cleaning properties. It is built with ozone and weather-resistant compounds and has a strong nylon construction.



### 308 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road						Hard Improved Surfaces			
		SW mm in	OD mm in				Infl. press bar psi	Recommended load, kg (lbs)				Infl. press bar psi	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								Static	5 3	10 6	25 16		Static	5 3	10 6	25 16
15.5-25 L-2	12 12SDC	394	1277	564	3720	12	4	8960	6330	5600	4480	4.8	10080	8120	7560	7000
		15.5	50.3	22.2	146.5	168A2	58	19750	13960	12350	9877	70	17900	22220	16670	15430
17.5-25 L-2	14 14SDC	444	1348	599	3940	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
						171A2	51	21690	15320	13560	11530	61	24410	19670	18300	16950
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
20.5-25 L-2	17	520	1492	658	4340	177A2	69	25750	18190	16090	13690	83	28970	23350	21740	20130
						16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
						181A2	51	29070	20530	18170	15440	61	32710	26340	24540	22710
		20.5	58.7	25.9	170.9	20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880
						186A2	65	33480	23660	20930	17800	78	37670	30350	28260	26170

### 308 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Sym.	Infl. press bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 308 L2 G2	12 12SDC	394	1277	564	3720	12	2.5	3640	3580	3510	3450	3380	3350	3310	3250	-
						149B	36	8030	7890	7740	7610	7450	7390	7300	7170	-
17.5-25 308 L2 G2	14 14SDC	444	1348	599	3940	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
20.5-25 308 L2 G2	17	520	1492	658	4340	158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
						16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
		20.5	58.7	25.9	170.9	20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
						170B	47	14820	14550	14290	14020	13760	13630	13490	13230	12830



# 302 E-2/L-2/G-2



Alliance 302 is a heavy duty implement tire for industrial application and for all types of hard services. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



## 302 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								bar psi	Speed, km/h (mph)			bar psi	Speed, km/h (mph)			
		mm in	mm in				mm in		mm in	Static	5 3		10 6	25 16	Static	5 3
15.5-25 L2	12	394	1277	564	3720	12	4	8960	6330	5600	4760	4.8	10080	8120	7560	7000
	12SDC	15.5	50.3	22.2	146.5	168A2	58	19750	13960	12350	10490	70	22220	17900	16670	15430

## 302 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)														
		SW	OD						Free rolling	Speed, km/h (mph)					Speed, km/h (mph)								
										10 6	25 16	40 25	50 31	25 16	40 25	50 31							
		mm in	mm in						mm in	mm in	mm in	mm in	bar psi										
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	10	159A6	2.3	5640	4990	4375	3940	3510	3075	2770								
							156A8									33	12430	11000	9650	8690	7740	6780	6110
							147A6																
							144A8																

## 302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Industrial Use				Agricultural Use					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)		bar psi		Field		Road Transport		
		mm in	mm in				mm in	mm in	bar psi		20 12	40 25	20 12	40 25	bar psi	10 6
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	2530	3160	2360	2150
	W12	378	1343	606	3962	148A8	45	7560	6950	8530	6950	39	5580	6970	5200	4740
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	2920	3650	2725	2480
						152A8	38	8530	7830	9630	7830	44	9300	8540	10520	8540
						14	3	4220	3875	4770	3875	2.8	3210	4020	3000	2730
						155A8	35	6440	8050	6010	5470	41	7080	8860	6610	6020

## 302 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)										
		SW	OD					bar psi	Speed, km/h (mph)						Speed, km/h (mph)			
									15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
		mm in	mm in					mm in	mm in	mm in	mm in							
15.5-25 E2	12SDC	394 15.5	1227 50.3	564 22.2	3720 146.5	8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500		
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510		
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910		
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410		
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150		
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940		
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440		
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580		

# 307

G-2/L-2

C+C

CUT&CHIP  
RESISTANT  
COMPOUND



Alliance 307 is a pattern developed for Grader-Loader applications. The design provides optimal traction and cut resistance and also enables the tire to have excellent self cleaning characteristics and long life.



SIZE	PR	RIM	TYPE	O.D.	SW	SLR	RC	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Dozer / Tele-handler)	
				mm in	mm in	mm in	mm in	Inflation Pressure	40 Kmph	Inflation Pressure	10 Kmph
14.00-24	12	8.00TG	TL	1338	360	607	3910	2.5	3075	4.25	6300
				52.7	14.2	23.9	153.9	36	6800	62	13900
13.00-24	12	8.00TG	TL	1338	360	607	3910	3.5	3650	5.5	7300
				52.7	14.2	23.9	153.9	51	8050	80	16100
15.5-25	12	12TU	TL	1270	330	579	3728	3	2725	4.5	5600
				50	13	22.8	146.8	44	6000	65	12300
17.5-25	16	14TU	TL	1278	390	584	3763	2.5	2650	4	5600
				50.3	15.4	23	148.2	36	5840	58	12300
20.5-25	16	17	TL	1347	440	597	3940	2.8	3350	4.75	7300
				53	17.3	23.5	155.1	40	7400	69	16100
20.5-25	16	17	TL	1493	518	674	4445	2.3	4000	3.5	8250
				58.8	20.4	26.5	175	33	8800	51	18200

# AL 318

E-3/L-3

HRC

SC

HEAT  
RESISTANT  
COMPOUND

SPECIAL  
COMPOUND



Alliance AL 318 Loader Dozer is a massive heavy-duty tire that provides better gripping in construction, mining, logging and rock service jobs. It has an all-round centre tread belt which makes it a tough tire. This tubeless tire made of nylon construction has extra wide lugs providing superior traction and long mileage. It is a non-directional tire built with a special compound that resists cuts, chipping and wear.



## 318 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								bar psi	Speed, km/h (mph)			bar psi	Speed, km/h (mph)			
									Static	5 3			10 6	25 16	Static	5 3
17.5-25 L-3	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
						171A2	51	21690	15320	13560	11530	61	24380	19650	18280	16940
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
18.00-25 L-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	9.5	27200	-	17000	14450	11.4	30600	24650	22950	21250
						206A2	138	59970	-	37480	31860	165	67400	54300	50550	46810
						16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
20.5-25 L-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	181A2	51	29100	20550	18190	15450	61	32710	26340	24540	22710
				673.1 4329	20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880	
				26.5 170.4	186A2	65	33510	23680	20940	17810	78	37670	30350	28260	26170	
23.5-25 L-3	19.5	597 23.5	1617 63.7	704.9 27.8	4795 188.8	191A2	54	38450	27160	24030	20440	65	43220	34820	32420	30020
				742.2 5068	20	3.5	21120	14920	13200	11220	4.2	23760	19140	17820	16500	
				29.2 199.5	198A2	51	46560	32890	29100	24740	61	52330	42160	39250	36340	
26.5-25 L-3	22.00/3.0	673 26.5	1750 68.9	747.9 29.4	5136 202.2	200A2	58	49380	34880	30870	26240	70	55510	44710	41630	38550
				751.3 5126	28	4.75	24800	17520	15500	13180	5.7	27900	22480	20930	19380	
				29.6 201.8	203A2	69	54680	38630	34170	29060	83	61450	49520	46100	42690	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW mm in	OD mm in				Infl. press bar psi	Recommended load, kg (lbs)				Infl. press bar psi	Recommended load, kg (lbs)			
				Speed, km/h (mph)				Speed, km/h (mph)								
				Static	5 3			10 6	25 16	Static	5 3		10 6	25 16		
29.5-25 L-3	25.00/3.5	750	1873	819	5420	22	3.25	24000	16950	15000	12750	3.9	27000	21750	20250	18750
		29.5	73.7	32.2	213.4	202A2	47	52910	37370	33070	28110	57	59470	47910	44600	41300
						32	5	30400	21470	19000	16150	6	34200	27550	25650	23750
						210A2	73	67020	47330	41890	35610	87	75330	60680	56500	52310

## 318 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
				15 9	20 12			25 16	30 19	35 22	40 25	45 28	50 31	55 34		
17.5-25 E-3	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
						158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
18.00-25 E-3	13	498 19.6	1617 63.7	726 28.6	4760 187.4	40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
						187B	102	24070	23660	23220	22800	22360	22130	21940	21500	20860
20.5-25 E-3	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
23.5-25 E-3	19.5	597 23.5	1617	716 28.2	4720 185.8	16	2.25	6890	6770	6640	6520	6400	6330	6270	6150	5970
						171B	33	15190	14930	14640	14370	14110	13960	13820	13560	13160
						20	3	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	44	18030	17700	17370	17060	16730	16580	16420	16090	15610
26.5-25 E-3	22.00/3.0	673 26.5	1750 68.9	770 30.3	5080 200	20	2.5	9240	9080	8910	8750	8580	8500	8420	8250	8000
						181B	36	20370	20020	19640	19290	18920	18740	18560	18190	17640
						24	3	10360	10180	9990	9810	9620	9530	9440	9250	8970
						185B	44	22840	22440	22020	21630	21210	21010	20810	20390	19780
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4	28	3.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						188B	51	24690	24250	23810	23370	22930	22710	22490	22050	21390
						22	2.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						185B	36	24690	24250	23810	23370	22930	22710	22490	22050	21390
29.5-25 E-3	25.00/3.5	750 29.5	1873 73.7	819 32.2	5420 213.4	32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130
						196B	54	31680	31060	30450	29850	29260	28680	28110	27560	26740

# 310 E-3/L-3/G-3



Alliance 310 pattern is constructed for heavy-duty jobs. The tough tread design ensures high mileage even on the most abrasive surfaces. This is a directional tire built with weather and ozone-resistant compounds. Its nylon construction gives it long life.



## 310 GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
16.00-24TG G-3 TG	10.00VA	432	1493	685	4450	12	2.25	3980	3910	3830	3760	3690	3650	3580	3540	-
		17	58.8	27	175.2	153A8	33	8770	8620	8440	8290	8140	8050	7890	7800	-
						20	3.75	5610	5510	5410	5300	5200	5150	5050	5000	-
						165A8	54	12370	12150	11930	11680	11460	11350	11130	11020	-

## 310 DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					Speed, km/h (mph)					Speed, km/h (mph)			
		bar psi	Static					5 3	10 6	25 16	bar psi		Static	5 3	10 6	25 16
16.00-24 L-3	11.25	432	1493	685	4450	20	5.5	15600	11020	9750	8290	6.6	17550	14140	13160	12190
		17	58.8	27	175.2	187A2	80	34390	24300	21500	18280	96	38690	31170	29010	26870
						24	6.5	16960	11980	10600	9010	7.8	19080	15370	14310	13250
						190A2	94	37390	26410	23370	19860	113	42060	33890	31550	29210
16.00-25 L-3	11.25	432	1493	686	4460	28	7.5	18400	13000	11500	9780	9	20700	16680	15530	14380
		17	58.8	27	175.6	193A2	109	40570	28660	25350	21560	131	45640	36770	34240	31700
						32	8.75	20000	14130	12500	10630	10.5	22500	18130	16880	15630
						196A2	127	44090	31150	27560	23440	152	49600	39970	37210	34460

## 310 TRANSPORT / RDT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
16.00-25 E-3	11.25	432	1493	686	4460	28	5.75	7500	7370	7240	7100	6970	6900	6830	6700	6500
		17	58.8	27	175.6	174B	83	16540	16250	15960	15650	15370	15210	15060	14770	14330
						32	6.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	94	18030	17700	17370	17060	16730	16580	16420	16090	15610

# 311 IND-4



Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					mm in	mm in	mm in	mm in	mm in
14.00-24	10	375	1368	605	4089	28	10	18000	16000	14500	13500	12500
		14.8	53.9	23.8	161	145	39680	35270	31970	29760	27560	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					mm in	mm in	5 3	10 6	15 9	20 12	25 16
14.00-25	25	375	1368	620.8	4095	20	4.8							
		14.8	53.9	24.4	161.2		69							
21.00-25		580	1750	765	5128	40	10	37100	33000	29900	27800	26800	26200	25800
		22.8	68.9	30.1	201.9	A2	145	81790	72750	65920	61290	59080	57760	56880

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					50 kmph	
14.00-25	13	375	1368	621	4095	20	4.75	4625	
		14.8	53.9	24.4	161.2		69	10200	

# 210 SUPER TRANSPORT LUG

**E-2/L-2**



Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	PR L/L/S	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	
11.00-20 EM	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	293	1104	516	3355	150F	D	7.2	4790	4350	3630	3340	3250	3190	3050	2900
							16	104	10560	9590	8000	7360	7170	7030	6720	6390
							S	7.9	5530	5030	4190	3850	3750	3690	3520	3350
							16	115	12190	11090	9240	8490	8270	8140	7760	7390
12.00-20 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315	1145	534	3514	152F	D	6.6	5200	4730	3940	3620	3530	3470	3310	3150
							16	96	11460	10430	8690	7980	7780	7650	7300	6950
							S	7.2	5860	5330	4440	4080	3980	3910	3730	3550
							16	104	12920	11750	9790	9000	8770	8620	8220	7830
						154F	D	7.2	5530	5030	4190	3850	3750	3690	3520	3350
							18	104	12190	11090	9240	8490	8270	8140	7760	7390
							S	7.9	6190	5630	4690	4310	4200	4130	3940	3750
							18	115	13650	12410	10340	9500	9260	9110	8690	8270
156F	D	7.6	5810	5280	4400	4050	3940	3870	3700	3520						
	20	110	12810	11640	9700	8930	8690	8530	8160	7760						
	S	8.3	6600	6000	5000	4600	4480	4400	4200	4000						
	20	120	14550	13230	11020	10140	9880	9700	9260	8820						
12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315	1247	585	3355	160F	D	7.9	6600	6000	5000	4600	4480	4400	4200	4000
							20	115	14550	13230	11020	10140	9880	9700	9260	8820
						S	8.6	7430	6750	5630	5180	5040	4950	4730	4500	
						20	125	16380	14880	12410	11420	11110	10910	10430	9920	





**PORT AND  
MOBILE CRANE**

# PORT

## 505

IND-3

SC

AS

SPECIAL COMPOUND

ALL STEEL



TERMINAL TRACTOR

Alliance 505 is a specially designed tire for terminal tractor operations at ports and terminals. The tire has deep treads that provide long service life and is suitable for operating on all types of wheel positions, drive and steering axles. Unique tread design and special rubber compound ensure a low wear rate. An all-steel construction gives excellent casing durability and protects the tire from external damages, while allowing high speeds with high loads.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles								
		SW	OD						Inflation Pressure bar (psi)								
		mm in	mm in						6	6.5	7	7.5	8	8.5	9	9.5	10
280/75R22.5	7.5	275	996	451	3043	31	172A5	25	4230	4500	4770	5030	5290	5550	5800	6050	6300
	8.25	10.8	39	17.8	119.8	39.1	168A8	16	9320	9910	10510	11080	11650	12220	12780	13330	13880
								40	3770	4010	4250	4480	4710	4940	5160	5380	5600
								25	8300	8830	9360	9870	10370	10880	11370	11850	12330

# PORT STAR 309

IND-3

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



CONTAINER HANDLER



HEAVY DUTY FORKLIFT

Alliance Portstar 309 is designed especially for heavy duty forklift trucks and container handlers operating on hard improved surfaces. Its unique tread design and special rubber compound provide long tread life. The heavy duty nylon construction protects the sidewalls against damage and ensures long tire life.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in						Static	1	5	10	25
14.00-24	10.00/1.5	375	1368	615.85	4135	28	196A5	10	18000	16000	14500	13500	12500
		14.8	53.9	24.2	162.8				39680	35270	31970	29760	27560

# 315 PORT STAR PLUS

IND-4.5

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



REACH STACKER

The Alliance 315 Port Star Plus is designed for port applications and is engineered with extra deep tread which is the highest in the segment. The robust nylon casing and high number of plies ensure high lateral stability and high load carrying capacity. The high ground contact area ensures that the pressure on ground is much lesser than maximum permissible pressure thus resulting in long tire life and uniform wear. A strong bead bundle of the tire results in minimizing bead failure. The specially formulated tread compound and higher insulation between the plies aid in lesser heat generation thus extending the life of the tire.



HARD IMPROVED SURFACE



Size	Rim Width in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Infl. Pressure	Load Capacity for Industrial (Harbour) applications				
		SW	OD					Speed km/h (mph)				
		mm in	mm in					Static	1	5	10	25
18.00-25 E 4.5	13	498	1673	762	4952	40	10	31500	28000	25400	23600	21900
		19.6	65.9	30	195		145	69446	61729	55997	52029	48281

# AL 318

IND-4

SC

SPECIAL COMPOUND

HRC

HEAT RESISTANT COMPOUND



Alliance AL 318 is designed for port use (paved surface). This tire is designed especially for Rubber Tire Gantry. High tread to void ratio and larger tread width provides very high ground contact area for good traction on paved surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in		Static	1 1	5 3	10 6	25 16		
18.00-25	13	498	1618	727	4915	40	-	10	31500	28000	25400	23600	21900
E-3		19.6	63.7	28.6	193.5		-	145	69446	61729	55997	52029	48281

# 609

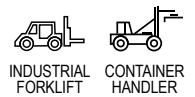
IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



609 is a radial construction tire that allows the sidewall and the tread to function as two independent features of the tire. The sidewall flex is not transmitted to the tread ensuring the footprint only lengthens with minimal transversal slip. The increased flexibility and strength helps in absorbing shocks. Reinforced tread and sidewalls combined with casing specially designed for port applications provide effective protection against damage and abrasion. It also results in low operational costs and improved productivity.



SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00R25*	**	TL	11.25/2.0	1525	434	684	15000	10	25
				60	17.1	26.9	33069	145	16

# 610

IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



Alliance 610 is a highly versatile and modern design tire. It has a strong casing due to reinforced tread and sidewalls. The 610 gives effective protection against damage and abrasion. It also has lower operational cost and hence improved productivity. Radial construction allows the sidewall and the tread to function as two independent features of the tire; sidewall flex does not transmit to the tread ensuring the footprint only lengthens with minimal transversal slip and increases its shock absorbing strength.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles							
		SW	OD						Inflation Pressure bar (psi)							
		mm in	mm in	mm in	mm in	mm 1/32in	km/h mph	6 87	6.5 94	7 102	7.5 109	8 116	8.5 123	9 131	9.5 138	10 145
18.00R25*									UNDER DEVELOPMENT							

# SUPER TRAC 311 IND-4



Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Load Capacity for Industrial applications (Port application)				
14.00-24	10	375	1368	630	4090	28	10	18000	16000	14500	13500	12500
				24.8	161.0		145	39680	35270	31970	29760	27560

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure bar	Recommended Load													
		SW	OD					Speed													
		mm	mm					ECH and Heavy Duty Forklift													
16.00-25	11.25/2.0X25	432	1493	658	4423	32	10	NaN	Static	5	10	15	20	25							
								mm	mm	mm	mm	mm	mm	mm	mm						
								17	58.8	25.9	174.1	32	A2	10	145	16000	14520	13520	13000	12720	12520
								17	58.8	25.9	174.1	A2	145	35270	39680	32010	29810	28660	28040	27600	
							10	20000	22500	18150	16900	16250	15900	15650							
							145	44090	49600	40010	37260	35830	35050	34500							

# 415 IND-4



Alliance 415 is designed with a IND-4 NSD and reduced weight to ensure less heat build up in the tire allowing it to work in conditions where heat build up is experienced due to atmospheric or surface conditions. Specially constructed casing resist separation between plies as well as between the tread and the casing enable it to work under high stress conditions. Reinforced bead bundle minimizes chances of bead failure.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure bar	Recommend load						
		SW	OD					Speed, km/h (mph)						
		mm	mm					Load Capacity for Industrial applications (Port application)						
18.00-25	13.00X25	500	1670	762	4945	40	10	31500	28000	25400	23600	22800	22000	21900
		in	in	in	in			69450	61730	56000	52030	50270	48500	48280
		19.7	65.7	30	194.7	Load Wheel	145							

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Inflation Pressure bar	Recommended Load													
		SW	OD					Speed							Reach Stacker						
		mm	mm					Load Wheel							Steer Wheel						
18.00-33	13x25	500	1870	860	5535	40	10	33300	29600	26800	24970	24050	23490	23120	26640	23680	21460	19980	19240	18800	18500
		mm	mm	mm	mm			73410	65260	59080	55050	53020	51790	50970	58730	52210	47310	44050	42420	41450	40790
		19.7	73.6	33.9	217.9			145													

# 400S IND-4S



Alliance 400S is specially designed to provide durability to reach stackers that operate for long hours on hard and abrasive surfaces. Its smooth construction results in maximum rubber volume thus ensuring longer tire life. The tire is able to perform under high stress conditions owing to its specially constructed casing. The presence of heat and abrasion resistant compounds ensure smooth working on harsh and abrasive surfaces.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure bar	Recommended Load													
		SW	OD					Speed							Reach Stacker						
		mm	mm					Load Wheel							Steer Wheel						
18.00-25	13x25	505	1673	735	4547	40	10	28800	25600	23200	21600	20800	20320	20000	23040	20480	18560	17280	16640	16250	16000
		mm	mm	mm	mm			63490	56440	51150	47620	45860	44800	44090	50790	45150	40920	38100	36690	35830	35270
		19.9	65.8	28.9	179			145													

775 IND-3



Alliance 775 is engineered specifically for port service applications. It features an exceptionally abrasion resistant rubber compound that mimimizes heat generation for extended tread lift. The solid center enhances wear characteristics. The wide flat tread profile maximizes tread to surface contact for superior stability and wear. The specially constructed casing resists separation between plies as well as between the tread and the casing under high stress.



Size	Rim Size in	Unloaded dimension		Static Loaded Radius	RC	Load Index/ Speed Symbol	Inflated Pressure	Recommended Load Speed						
		OD	SW					ECH and Heavy duty forklift						
		mm	mm	Static	Creep		5	10	15	20	25			
		in	in				3	5	10	12	15			
12.00-24	8.50	1245	315	585	3808	20	10	12420	11040	10000	9310	8970	8760	8620
		63.7	19.6	28.6	193.5	A2	145	27380	24340	22050	20530	19780	19310	19000



# FORKLIFT



## MH-504

**IND-1**

**C+C** **WRC**  
CUT&CHIP RESISTANT COMPOUND WEAR RESISTANT COMPOUND

The Alliance MH-504 is a value service tire designed to operate in forklift applications. Engineered with optimal tread depth for high performance in medium intensity operation. Strong Casing : Pneumatic ride comfort strengthened by stiff sidewalls to provide required stability in operations. Excellent load distribution and optimal footprint provides stability in operations a value offering with optimum tread depth for medium duty forklift tires.

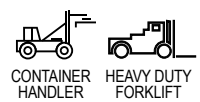


SIZE	P.R. & LI	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
6.50-10 NHS	12	5.00F	602	183	1714	266	2150	9.7	15
			23.7	7.2	67.5	10.5	4740	141	9
7.00-12 NHS	12	5.00S	683	192	1956	304	2720	8.8	15
			26.9	7.6	77	12	5997	128	9
250-15 NHS	16	7.50BD	735	250	2163	336	4285	9.3	15
			28.9	9.8	85.2	13.2	9447	135	9
28X9-15 (8.15-15) NHS	14	7.0BD	706	221	2064	321	3415	9.7	15
			27.8	8.7	81.3	12.6	7529	141	9
300-15 NHS	20	8.0	840	300	2434	378	6575	9.3	15
			33.1	11.8	95.8	14.9	14495	135	9
7.50-15 NHS	12	6.00BD	808	215	2327	361	3490	7.9	15
			31.8	8.5	91.6	14.2	7694	115	9
8.25-15 NHS	14	6.5	847	236	2427	377	4255	8.3	15
			33.3	9.3	95.6	14.8	9381	120	9
5.00-8 NHS	10	3.00D	469	131	1339	208	1250	10	15
			18.5	5.2	52.7	8.2	2756	145	9
6.00-9 NHS	10	4.00E	544	165	1549	240	1685	8.6	15
			21.4	6.5	61	9.4	3715	125	9

## 309

**E-3**

**SC** **HRC** **WRC**  
SPECIAL COMPOUND HEAT RESISTANT COMPOUND WEAR RESISTANT COMPOUND



Alliance Portstar 309 is designed especially for heavy duty forklift trucks and container handlers operating on hard improved surfaces. Its unique tread design and special rubber compound provide long tread life. The heavy duty nylon construction protects the sidewalls against damage and ensures long tire life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load																	
		SW mm in	OD mm in					Load Wheel						Steer Wheel											
								Speed		4	10	15	25	NaN	Static	20	Speed		4	10	15	25	NaN	Static	20
								4	10								4	10							
14.00-24NHS	10.00/1.5	375	1368	616	4135	28	10	15200	17100	13800	12850	12350	12050	11900	11040	10280	9880	9520	12160	13680	9640				
	10.00	14.8	53.9	24.3	162.8		145	33510	37700	30420	28330	27230	26570	26240	24340	22660	21780	20990	26810	30160	21250				
	10.00VA																								

# MH 855

IND-1

CRC  
CUT  
RESISTANT  
COMPOUND



A new generation tire MH- 855 is an ultimate partner for heavy duty, round-the-clock forklift operations. It is designed to combine superior traction along with unmatched machine stability and provide comfortable cushioned rides while working on challenging surfaces. Its cut and chip resistant compound ensures durability and extended tire life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load Speed		
		SW	OD					Load Wheel	Steer Wheel	
		mm	mm					4	4	
		in	in	in	in		bar	psi	kmph	kmph
6.50-10	5.00F	183	602	266	1714	12	9.7	141	2150	1635
		7.2	23.7	10.5	67.5		141	4740	3610	
7.00-12 NHS	5.00S	192	683	308	2050	12	8.6	125	2720	2065
		7.6	26.9	12.1	80.7		125	6000	4550	
28X9-15 NHS (8.15-15NHS)	7.00 7.00BD	221	706	321	2064	14	9.7	141	3415	2595
		8.7	27.8	12.6	81.3		141	7530	5720	
8.25-15NHS	6.50	236	847	377	2427	14	10	145	4255	3235
		9.3	33.3	14.8	95.6		145	9380	7130	
6.00-9NHS	4.00E	165	544	240	1549	10	8.6	125	1685	1280
		6.5	21.4	9.4	61		125	3720	2820	

# MOBILE CRANE

630

E-2

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

  
HIGH SPEED  
MOBILE CRANE

Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enable long and efficient tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press bar psi	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	Static	5 3			10 6	20 12	30 19	40 25	50 31	60 40	70 44	80 50	90 56	100 62		
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4578 180.2	174F	9	16750	14070	12060	10050	8380	7710	7500	7200	7040	6700	6400	-
							131	36930	31020	26590	22160	18480	17000	16540	15870	15520	14770	14110	-
						177E	9	20810	16790	13510	10220	9490	9050	8610	7740	7300	5990	5110	4380
							131	45880	37020	29780	22530	20920	19950	18980	17060	16090	13210	11270	9660

636

E-2

HRC  
HEAT RESISTANT COMPOUND

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

C+C  
CUT&CHIP RESISTANT COMPOUND

 POWER TRAIN  
 HIGH SPEED MOBILE CRANE

636 is a massive radial tire for heavy duty applications and long distance transportation. It is designed for highway service at high speeds. The strong all steel casing of the tire ensures excellent durability, even tread wear and long life. The massive blocked tread pattern gives maximum traction and high road grip and is suitable for both on and off road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press. bar psi	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	mm in	mm in				Free rolling				Drive Wheel					
385/95R25* (14.00R25)						170E			10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	UNDER DEVELOPMENT	

639

E-2

HRC  
HEAT RESISTANT COMPOUND

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

C+C  
CUT&CHIP RESISTANT COMPOUND

 POWER TRAIN  
 HIGH SPEED MOBILE CRANE

639 is a high performance radial tire for mobile cranes and heavy truck applications. It is designed for highway service at high speeds. The strong all steel construction gives excellent durability, low rolling resistance and puncture protection. The non-directional pattern ensures easy handling, closed shoulders and the variable pitch ensure low noise level. It has a special tread compound for even tread wear, long life and smooth ride.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press. bar psi	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in	mm in	mm in				Free rolling				Drive Wheel						
385/95R24*									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	UNDER DEVELOPMENT		
385/95R25* (14.00R25)						170F												UNDER DEVELOPMENT	



The image features a red-tinted background of a rocky underground mine. A black diagonal bar runs across the middle. Below it, a grayscale photograph shows a large wheel loader with its bucket raised, and a smaller truck with its headlights on in a dark tunnel. The text 'UNDERGROUND MINING' is overlaid in white, bold, sans-serif font, slanted to follow the angle of the black bar.

# UNDERGROUND MINING

# 314 MINE SERVICE



SPECIAL  
COMPOUND

WEAR  
RESISTANT  
COMPOUND



The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying capacity. Its specially formulated tread compound gives superior protection and exceptional tread life. The extra wide reinforced bead with superior compound reduces bead failure during high load operations. The tire's wide and flat tread profile results in large ground contact area that provides high traction and enhanced load carrying capacity.



Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Underground Mining applications					
		SW mm in	OD mm in				Infl. Pressure	Speed km/h (mph)				
								bar psi	Static	Creep	5 3	10 6
12.00-24	8.50	310	1270	590	3750	20	8.25	11040	8970	7800	6900	5865
		12.2	50	23.2	147.6	24	120	24340	19780	17200	15212	12930
							145	-	-	-	7600	-

Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Infl. Pressure	Recommended Load					
		SW mm in	OD mm in					Speed km/h (mph) Underground mining					
								bar psi	Static	Creep	5 3	10 6	15 9
12.00-24	8.5	310	1270	596	3902	20	8.25	11040	8970	7935	6900	6000	5520
		12.2	50	23.5	153.6	175A2	120	17490	15210	13230	19780	24340	12170





# **TECHNICAL INFORMATION**

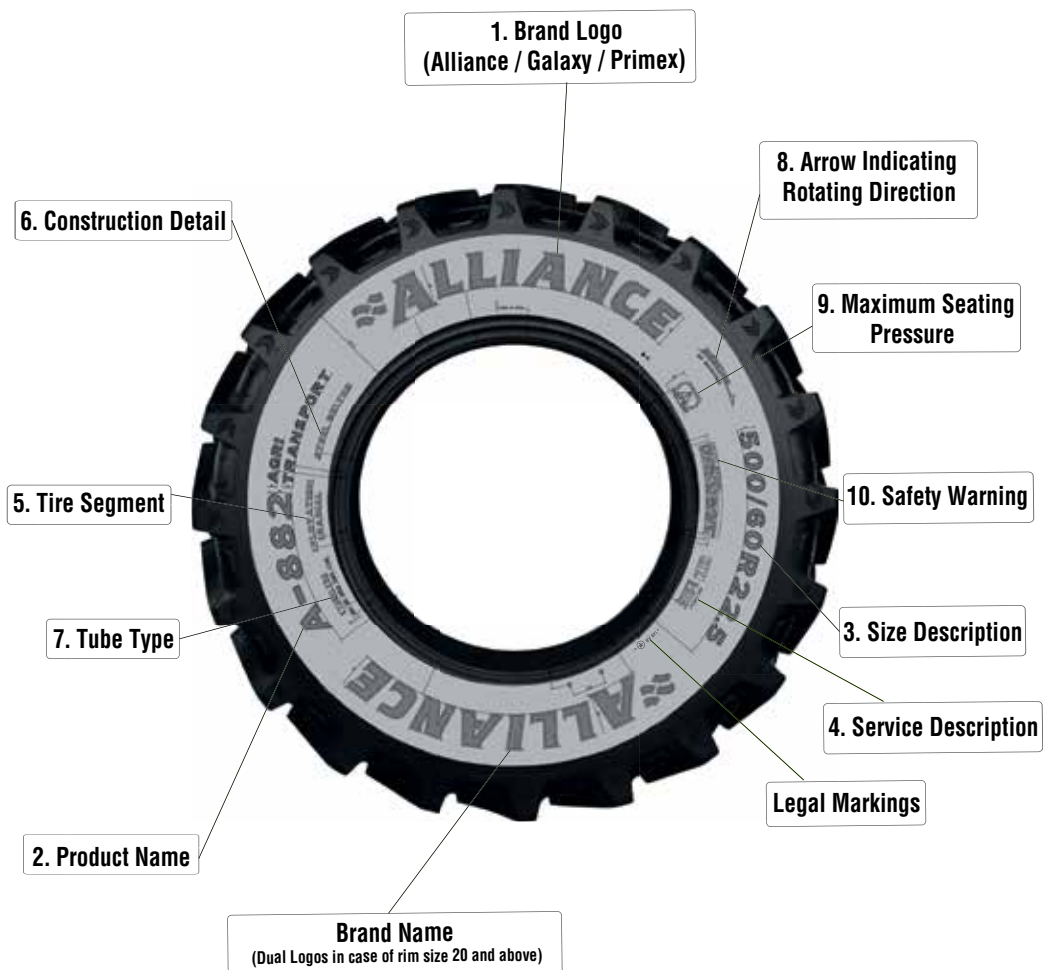
## Tire Markings

A series of numbers and codes are internationally used for the identification of tire structures, dimensions and main applications. This group of codes and numbers is collectively known as the "markings" and permits precise identification of the tire.

Here are some examples:

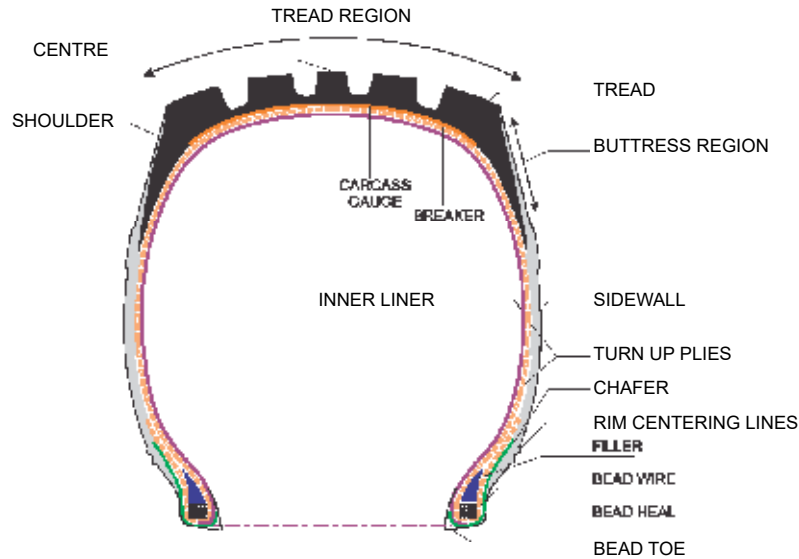
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tyre size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tyre size designation for forestry tyres LS = log service 2 = tread depth code
c	7.50-16	Coded tyre size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tyre size designation 20.5 = overall diameter (inch) x = versus 10.0 = section width (inch) - = cross-ply construction 10 = rim diameter (inch)
4 a	157 A8 154 B	Service description 157 = load index for the tyres nominal load capacity A8 = speed symbol for the tyres nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tyre carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tyre)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tyre driving tyre
d	161A8 HT 161 A2 LT 168 A2	Service description (forestry) Load index and speed symbols as 4.a 161 A8 = service on road HT 161 A2 = High Torque service (skidders) LT 168 A2 = Low Torque service (forwarders, harvesters)
e	99J	Service description (high speed trailer) Load index and speed symbols as 4.a

5	IMP or other	<p>Service type identification</p> <p>IMP = Implement</p> <p>Other service identifications are: FORESTRY = tyres for forestry machines</p> <p>AGROFOREST = tyres for mixed agri and forestry service</p> <p>AMPT = Agricultural Multi Purpose Tyre : tyres for a high rate of road service up to 65 Km/h</p> <p>LOADER = tyres for wheel loaders and back hoe loaders</p> <p>GARDEN TRACTOR = tyres for gentle service on green surfaces</p> <p>INDUSTRIAL = tyres for industrial service</p> <p>FRT = Free Rolling Tyre: commercial vehicle tyre used as high speed implement trailer tyre</p>
6	STEEL BELT	The tyre has a belt of steel cord (forestry tyres)
7	TUBELESS	Tyre to be used without a tube (some tubeless tyres are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tyre in driving service
9		Pictogram showing the max seating pressure (varies for different type of tyres)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tyre
11	E 16	ECE type approval mark and number (often called "e-marking")
106R-00 0001		



# Basic Tire and Rim Terms

## CONSTRUCTION AND COMPONENT PARTS



## TIRE DEFINITIONS

### Overall Diameter (OD)

Inflated diameter of the Tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

### Overall Width (OW)

Inflated width of the Tire under reference Tire pressure on the sidewalls.

### Section Width (SW)

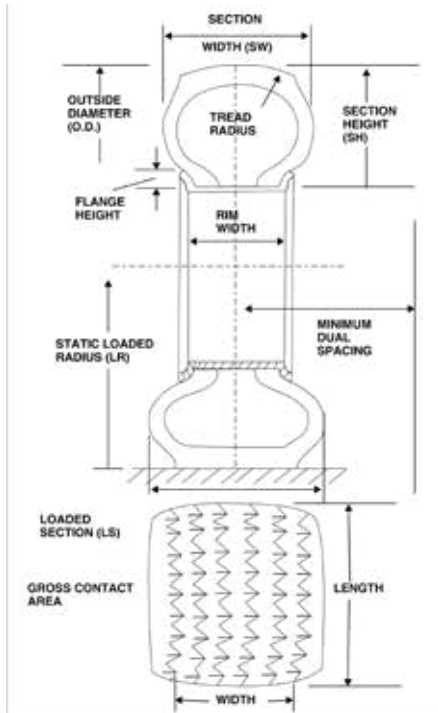
Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

### Static Loaded Radius

It is the minimum radius acquired by the Tire under reference load and pressure at static condition.

### Tread Width

The distance between the extreme edges of the tread, as measured at the surface of the tread.



### Nominal Rim Diameter

Outer diameter of bead seat area of rim flange.

Section Height = Overall Tire Diameter – Nominal Rim Diameter

2

### Rim Width

The distance between flanges of the rim.

### Load Index

The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

When comparing tires, the higher the load index number, the higher the load capacity.

### Speed Code

The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

## Corresponding Tire Sizes

ETRTO - SRI	Standard series	Standard series /80-/85	Wide series /70-/75	Extra large series /60-/65-/85	Narrow series /90-/95	TWIN TRACTOR		
						/45-/50	/55	/60-/55
360	6.50-16		260/70R16					
360	9.0/75-16		260/70R16					
390	7.50-16	250/80-16	280/70R16					
410	7.50-18	250/80-18	280/70R18					
425	7.50R20						400/55-17.5	
450	9.5R20	260/80R20	300/70R20					
475	11.2R20	280/85R20	320/70R20					
500	12.4R20	320/85R20	360/60-24					360/70R20
525	11.2R24	280/85R24	320/70R24					
550	12.4R24	320/85R24	360/70R24	420/65R24		600/50-22.5		400/60-26.5
575	13.6R24	340/85R24	380/70R24	440/65R24				
600	14.9R24	380/85R24	420/70R24	480/65R24	230/95R32			500/60-26.5
625	16.9R24	420/85R24	480/70R24	540/65R24	270/95R32	710/45-26.5	600/55-26.5	
650	16.9R26		480/70R26					
575	11.2R28	280/85R28	320/70R28					
600	12.4R28	320/85R28	360/70R28		230/95R32			500/60-26.5
625	13.6R28	340/85R28	380/70R28	440/65R28	270/95R32			600/55-26.5
650	14.9R28	380/85R28	420/70R28	480/65R28	230/95R36			
675	16.9R28	420/85R28	480/70R28	540/65R28			600/55-30.5	
675	14.9R30	380/85R30	420/70R30				600/55-30.5	
700	16.9R30	420/85R30	480/70R30	540/65R30 600/65R28		750/45-30.5		600/60-30.5
725	18.4R30	460/85R30	520/70R30 600/70R28		210/95R44	750/50-30.5		
725	14.9R34	380/85R34						
750	16.9R34	420/85R34	480/70R34 600/70R30	540/65R34 710/60R30	230/95R44			
775	18.4R34	460/85R34	520/70R34	600/65R34 650/60R34		800/50-34	800/55-30.5 710/55-34	
825	20.8-34			710/60R34				
725	13.6R36	340/85R36			210/95R44			
725	12.4R38	320/85R38						
750	13.6R38	340/85R38						
775	14.9R38	380/85R38			270/95R44			
800	16.9R38	420/85R38	480/70R38 600/70R34	540/65R38	230/95R48			600/60-38
825	18.4R38	460/85R38	520/70R38	600/65R38 710/60R34	270/95R48 300/95R46			650/60-38
875	20.8R38	520/85R38	580/70R38	650/65R38 600/65R42		850/50-38		710/65-38 900/60-32
875	18.4R42	480/80R42		600/65R42				
925	20.8R42	520/85R42	580/70R42 620/70R42 650/75R38 710/70R38	650/65R42			850/55-42	750/65-38 850/60-38
925	18.4R46	480/80R46						
975	20.8R46	520/85R46 480/80R50	710/70R42 800/70R38	900/60R38 650/85R38	380/90R50			
1025			710/75R42	900/60R42	380/90R54			

Modifying the original fitment of the machine may require a new set of rims. Verify that the alternative tyre size is fitted on an approved rim contour.



## Load Table Technical Information

Conversion of load indices (LI) into load capacities per tyre (Kg)

LI	KG	LI	KG	LI	KG	LI	KG
50	190	85	515	120	1400	155	3875
51	195	86	530	121	1450	156	4000
52	200	87	545	122	1500	157	4125
53	206	88	560	123	1550	158	4250
54	212	89	580	124	1600	159	4375
55	218	90	600	125	1650	160	4500
56	224	91	615	126	1700	161	4625
57	230	92	630	127	1750	162	4750
58	236	93	650	128	1800	163	4875
59	243	94	670	129	1850	164	5000
60	250	95	690	130	1900	165	5150
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300

# CONVERSION FACTORS

1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (Km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (Kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms
1 kilometer per hour (Km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 pound per square inch (psi)	= 0.06895 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

## TEMPERATURES

(Fahrenheit - 32) x 0.55 = Celsius	32	40	50	60	70	75	85	95	105	140	175	212	°F
(Celsius x 1.8) + 32 = Fahrenheit	0	5	10	15	2	25	30	35	40	60	80	100	°C

## SPEED

Speed code	A1	A2	A3	A4	A6	A8	B	C	D	E	F
Km/h	5	10	15	20	30	40	50	60	65	70	80
mph	3	6	9	12	19	25	31	37	40	43	50

Km/h to mph x 1.61 mph to Km/h x 0.62

## PRESSURE

kPa (kilopascal)	60	100	120	140	160	180	200	240	280	320	360	400	500
bar = Kg/cm2	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,4	2,8	3,2	3,6	4,0	5,0
psi = (pound/square inches)	8	15	17	29	23	26	28	34	40	45	51	57	71

psi to bar x 0.07 bar to psi x 14.23 kPa to bar x 100 bar to kPa x 0.01 kPa to psi x 7 psi to kPa x 0.142

LI	KG	LB
140	2500	5513
141	2575	5678
142	2650	5843
143	2725	6009
144	2800	6174
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6946
149	3250	7166
150	3350	7387

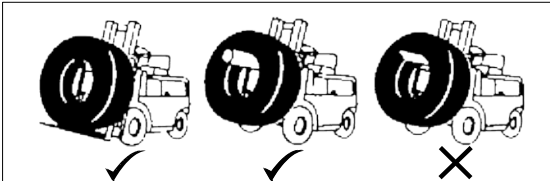
# Handling of Tires

## HANDLING OF TIRES

Extreme care is needed in the handling of tires. Improper handling of tires can lead to damage, especially to the beads. Therefore, it is necessary to prevent excess pressure from being exerted on the beads.

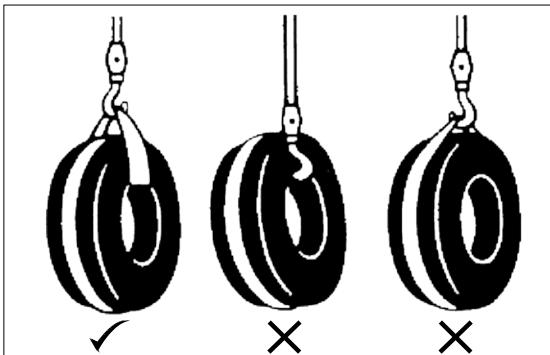
### When using a forklift to lift a tire:

- Lay the tire vertically across the fork, or
- Use a round fork at least six-inches in diameter.
- Do not insert a flat type fork within the tire.



### When lifting tires by crane:

- Use a wide nylon or rubber sling.
- Do not use a rope sling.
- Do not hook the tire beads.



## SAFETY PRECAUTIONS

### WARNING

Servicing of the Tire and rim should be done by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

### DEMOUNTING

#### Before Demounting

- Always empty all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps. (A broken rim part under pressure can blow apart and cause serious injury or death.)
- Make sure to remove the valve core to exhaust all air from the tire. Remove both cores to exhaust all air from a dual assembly. (The wheel assembly may fly apart if the tire is still under pressure when the wheel lugs are removed)
- Check the valve stem by running a piece of wire through it to make sure it is not clogged. (Foreign material may clog the valve stem during deflation)

#### DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your finger clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off it can fly with enough force to cause serious injury or death.)

- Do not use the tool in the vicinity of the flange butt weld.

## AFTER DEMOUNTING

- Clean rims and repaint chipped areas to prevent the detrimental effects of corrosion and facilitate checking and tire mounting. Be extremely careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit. Particularly, the gutter section which holds the lock ring in proper position)

## Safety Precautions for Mounting

### MOUNTING

#### Before Mounting

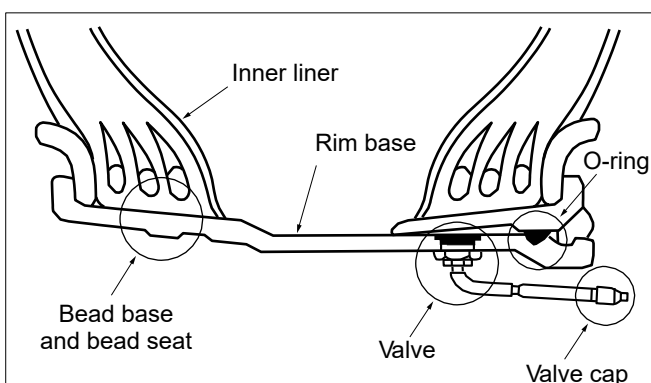
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim components that are cracked, broken, or damaged. Replace them with new parts or parts that are not cracked, broken, or damaged and which are of the same size and type. (Heating may weaken a part to the extent it is unable to withstand forces of inflation or operation.)
- Make sure correct parts are being assembled.
- Check with your distributor or the manufacturer if you have any doubts. (Mismatched parts may appear to fit, but when the tire is inflated, it may fly apart with explosive force)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim manufacturer for approval.
- Removing rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the interiors of the tire.
- For tube type tires, make sure tube and flap are correct and not damaged.
- Always prepare a new O-ring for tubeless type tires.
- Do not reinflate a tire that has been run-flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run-flat or seriously underinflated)

#### During Mounting and Inflation

- Do not try to seat rings or other components by hammering while a tire is inflated or partially inflated.
- Double check to ensure all components are properly seated prior to inflation.
- Do not inflate a tire before all components are properly in place. Place the tire in a safety cage, or other restraining device and inflate to approximately 5 psi, recheck components for proper assembly. Observe that the O-ring does not roll out of its groove. If the assembly is not proper, deflate and correct. Never hammer on an inflated or partially inflated tire/rim assembly. If assembly is proper at approximately 5 psi, continue to inflate to fully seat the tire beads.
- Never sit on or stand in front of a tire/rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components. Use an inline valve with a gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly **apart with explosive force**)
- Never attempt to weld or heat on or near a tire/rim assembly. (Heat from welding will cause a sudden drastic increase in air pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

#### After Inflation

- Make sure there is no air leakage, especially in tubeless tires. Checking points for air leakage are pictured below.



# Safety Precautions for Operation

## OPERATION

- Do not use under inflated tires.
- Do not bleed or remove air to compensate for the increase in pressure resulting from operation.
- Do not use undersized rims. Use recommended rims. Consult catalogs for proper tire/rim matching.
- Do not overload or over inflate the tire/rim assembly. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause tire/rim assembly damage.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded an operating a vehicle in this condition can result in damage to the rim and tire or cause a tire fine.)
- Never use a tube in a tubeless tire/rim assembly if the rim is suspected of leaking. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tires checks. (Early detection of potential rim failure may prevent serious injury.)
- Never add or remove an attachment or other-wise modify a rim (especially by heating, welding, or brazing) unless the tire has been removed and rim maker approval has been received. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.)

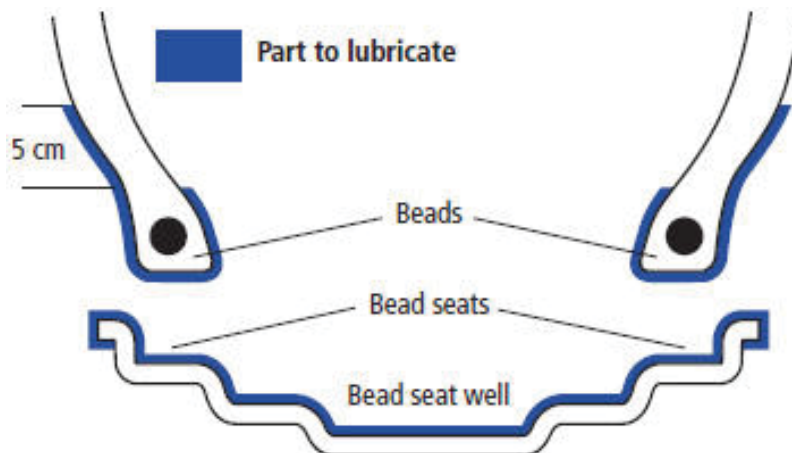
### Tools for Mounting and Demounting Tires

The following are all portable tools, and can be used both horizontally and vertically.

- Hydraulic tire remover (tire push type) and bead wedges. Commonly used for 25-inch rims.
- A man-powered hydraulic pump attached to a tire push type hydraulic tire remover.
- Hydraulic tire remover in operation.
- Hydraulic tire remover (rim flange push type). Commonly used for 33-inch or larger rims.
- Manual hydraulic pump attached to rim flange push type hydraulic tire remover.
- Another kind of hydraulic tire remover for 33-inch or larger rims (rim flange push type).
- Tire, mounting and demounting machine (unit-rig type) mainly used for 49-inch or larger rims. It is stationary and for horizontal use only. Hydraulic ram is driven by an electric pump

### Lubrication of Tire Rim and Bead

- Use a soft-bristled brush to spread the lubricant over the surface.
- Use specific lubricants for tire mounting only.
- Do not use silicone or other solvent-based substances.



Place the tire bead on the rim channel.

- Make sure that at least part of the tire bead stays within the rim profile.
- Start rotating the tire and position the tire bead gradually on the rim  
Complete the rotation until the entire bead is positioned on the rim.
- Make sure that the entire bead is correctly fitted within the rim.



## Safety & PPE's

- A pair of protective goggles
- Safety shoes
- Retention system to hold the tire assembly in place (safety cage)
- Safety ear muffs

## Tire Care Tips

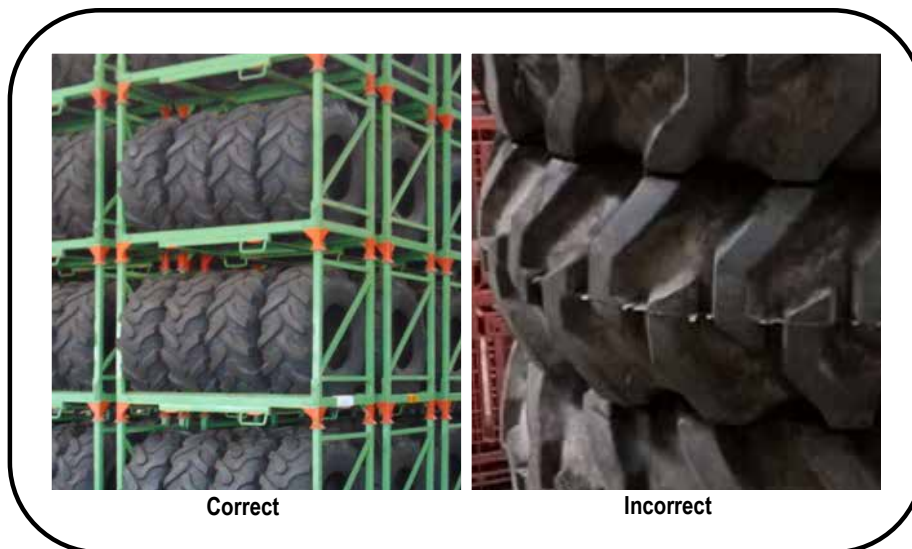
- Always select right tire and rims
- Check inflation pressure at least once a week
- Never check the inflation after long runs. Allow tire to cool for 30 mins.
- Use mounting machine to mount the tires. Avoid hard objects.
- Cover the valve with valve caps always
- 30 minutes mid day stoppage is recommended after sustained haulage work.
- Avoid chuck holes and long spins
- Avoid high speed cornering
- Avoid locking one wheel for sharp turns
- Avoid sudden breaks and starts.

## Tire Storage

Tires should be stored in a cool and dry place, away from direct sunlight, electric motors, oils, fuels, resins and other volatile substances in order to avoid any alteration of the chemical-physical features.

Should this not be possible, at least protect your tires with a waterproof tarpaulin to avoid contact with ultra-violet rays and bad weather.

Tires are to be placed vertically side by side. Do not stack one tire over the other horizontally.



## INFLATION PRESSURE AND ITS IMPORTANCE

The most important aspect of tire maintenance is the correct inflation pressure which should be adjusted based on the load. This directly impacts the key metrics such as traction, flotation, tire wear and fuel efficiency

### **Soil Compaction**

The root development of the crops planted is adversely affected if soil is compacted. It also limits development of microbial life and increases water stagnation. This leads to lost of yield and excess operating cost to break the compaction layer.

### **Fuel Efficiency**

The right pressure means optimum soil contact which causes spin and penetration to be reduced. Decreasing excess fuel consumption, time wasted and wear on machine and tires.

### **Service life of tires**

Over inflation causes excessive spin in the fields, not to mention increased soil compaction. On hard, stony soil, it causes premature wear.

On the road, over inflation causes fast, irregular wear on the lugs – the footprint is too small.

Under inflation causes irreversible damage to tire casings: risk of failure. It also leads to excessive wear on roads: too much rolling resistance. Statistics say that a tire operated at 10% below required pressure will suffer a 15% reduction in its life expectancy.




































































### **Personal comfort**

Over inflation causes bouncing and vibration.

Under inflation causes power handling. Manoeuvring at low speeds or on the spot is more difficult.

# ICONS MASTER

## APPLICATIONS

									
2WD Tractor	4WD Tractor	Agricultural Loader	Alpine Tractor	Articulated Dump Truck	Backhoe	Baler	Combine Harvester		
									
Container Handler	Cultivators	Dozer	Excavator	Fertilizer Truck	Forestry Forwarder	Forestry Harvester	Forestry Trailer		
									
Load Haul Dumper	Wheel Loader	MFWA	High Speed Mobile Crane	Mower	Plough	Reach Stacker	Rigid Dump Truck		
									
Skidsteer	Sprayer	Tanker	Telehandler	Terminal Tractor	Trailer	Trencher	Utility Tractor		
									
Dump Truck	Spreader	Water Sprinkler	Power Train	Agricultural Implements	Forestry Mulcher	Feller Buncher	Forestry Tractor		
									
Wagon	Heavy duty Forklift	Tipper	Scraper	Seeder	Sugarcane Harvester	Seismic Vehicle	Bomb Carts	Utility Tractor MFWA	
									
Golf Cart	Caravan	Ditching Machine	Boom Lift	Industrial Tractor	Water Tanker	Compactor	Grader	Skidder	Truck
									
Compact Loader	Forklift	Rubber Tire Gantry	Utility Tractor 4WD	Wheeled Tree Trimmer	Paver	Scissor Lift	Highway Trailer		

## DIFFERENTIATORS



ALL STEEL



SPECIAL COMPOUND



STEEL BELTED



HEAT RESISTANT COMPOUND



WEAR RESISTANT COMPOUND



CUT & CHIP RESISTANT COMPOUND



STUBBLE GUARD







# ENGINEERED TO KEEP YOU AHEAD



Disclaimer: The specifications mentioned in this document are subject to change with no prior intimation or notice. Please visit our website for updated information and technical details.

Data updated till Aug 2023