

ATG | BETTER VALUE.
SMARTER CHOICE.

TRACTOR DRIVE TYRE RANGE

 **ALLIANCE**
ENGINEERED TO KEEP YOU AHEAD





BETTER VALUE.
SMARTER CHOICE.



ABOUT ALLIANCE

ALLIANCE TIRE GROUP

Alliance Tire Group (ATG) specializes in the development, manufacturing and sale of Off-Highway Tyres. One of the fastest growing Off-Highway Tyre companies, ATG has a wide range of products for Agricultural, Forestry, Industrial and OTR tyres. ATG owns three world-renowned brands – Alliance, Galaxy and Primex.

ALLIANCE

Established in Israel in 1950, Alliance has a range of over 1000 specialized items, each product is carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tyre for your needs.

Alliance is the market leader in Row Crop and a pioneer in Flotation tyres. Alliance also boasts of a very comprehensive lineup of tyres for tractors, sprayers and spreaders. It offers the widest range in terms of pricing, sizes and patterns, which are available for varied applications which include Agriculture, Industrial / OTR and Forestry machines. Alliance range of radial tyres is popular with leading OEMs and the after-market.

Alliance is a leader in tyres for agricultural tractors and offers over 18 tread designs and over 350 SKUs. Tyres are available from machines ranging from compact / utility tractors up to high HP 4WD and MFWA tractors. Alliance products offer excellent traction, self-cleaning, smooth on-road performance and high load carrying capacity, to name a few. The range encompasses tyres with robust bias construction to the very latest in IF / VF technology, the Alliance AGRIFLEX / AGRIFLEX+ range.

RADIAL TRACTOR

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RADIAL TRACTOR





AGRIFLEX / + 372

The advanced 372 AGRIFLEX (IF - Improved Flexion) and AGRIFLEX+ (VF - Very High Flexion) steel belted tyres are designed with increased sidewalls flexibility that enables the tyre to carry up to 20% more load for IF and 40% more for VF at the same pressure as compared to a standard tractor radial.

The 372 offers a significantly larger footprint leading to lesser soil compaction and a comfortable ride for the driver. The enhanced footprint enables higher traction, reduces fuel consumption and increases overall operation productivity. The R-1W pattern enables an excellent grip as well as a longer tyre life on hard surfaces.

AGRIFLEX + 372



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		Speed, km/h (mph)						Not high and sustained torque; Road transport						Cyclic*		CFO*	
		SW	OD					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.	Load	Load	Load	
		mm in	mm in					10 6	15 9	20 12	bar psi	10 6	15 9	30 19			
VF 620/70R26	DW21B	626	1485	644	4387	170D	2.4	6430	6000	6000	-	6000	5460	-	-	7980	6660
	DW20B	24.6	58.5	25.4	172.7		35	14160	13220	13220	-	13220	12030	-	-	17580	14670
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 600/70R28 CFO	DW21B	625	1560	681	4570	173D	2.8	6960	6500	6500	-	6500	5920	3.5	10075	-	-
	DW20B	24.6	61.4	26.8	179.9		41	15330	14320	14320	-	14320	13040	51	22190	-	-
VF 600/60R30	DW20B	590	1490	651	4318	147D	1	3290	3075	3075	-	3075	2800	1.3	4766	-	-
		23.2	58.7	25.6	170		15	7250	6770	6770	-	6770	6170	18	10500	-	-
VF 600/70R30	DW21B	625	1600	715	4770	170D	2.4	6430	6000	6000	-	6000	5460	3	9300	-	-
	DW20B	24.6	63	28.1	187.8		35	14160	13220	13220	-	13220	12030	44	20480	-	-
VF 650/75R30 CFO	DW23B	660	1720	734	4942	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8379	6993
	DW21B	26	67.7	28.9	194.6		23	14870	13880	13880	-	13880	12620	-	-	18460	15400
VF 710/60R38	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	-	4500	4100	1.3	6975	-	-
		28	71.5	31.6	209.2		15	10620	9910	9910	-	9910	9030	18	15360	-	-
VF 710/60R42	DW25B	710	1923	850	5676	161D	1	4960	4625	4625	-	4625	4210	1.3	7169	-	-
		28	75.7	33.5	223.5		15	10930	10190	10190	-	10190	9270	18	15790	-	-



AGRIFLEX 372

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)										
		Speed, km/h (mph)																
		SW		OD				Not high and sustained torque; Road transport					Cyclic*		CFO*			
		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	Press. bar psi	Load 10 6	Load 15 9	Load 30 19	
IF 620/70R26*						170D												
IF 420/85R28	W15	448	1 437	636	4 261	145D	1,6	3 630	3 240	2 970	–	2 900	2 640	2	4 495	–	–	–
	W14	17,6	56,6	25	167,8		23	8 000	7 140	6 540	–	6 390	5 810	29	9 900	–	–	–
IF 600/70R28	DW21B	625	1 560	695	4 597	164D	2,4	6 250	5 580	5 130	–	5 000	4 550	3	7 750	–	–	–
	DW20B	24,6	61,4	27,4	181		35	13 770	12 290	11 300	–	11 010	10 020	44	17 070	–	–	–
IF 600/70R30	DW20	615	1 610	720	4 770	159D	1,6	5 470	4 890	4 480	–	4 375	3 980	2	6 781	–	–	–
							23	12 050	10 770	9 870	–	9 640	8 770	29	14 940	–	–	–
		24,2	63,4	28,3	187,8	165D	2,4	6 440	5 750	5 280	–	5 150	4 690	3	7 983	–	–	–
							35	14 190	12 670	11 630	–	11 340	10 330	44	17 580	–	–	–
IF 1250/50R32*						201A8												
IF 520/85R38	DW16L	540	1 850	834	5 482	167D	2,4	6 810	6 090	5 590	–	5 450	4 960	3	8 448	–	–	–
		21,3	72,8	32,8	215,8		35	15 000	13 410	12 310	–	12 000	10 930	44	18 610	–	–	–
IF 520/85R42	DW16L	540	1 955	879	5 865	169D	2,4	7 250	6 480	5 950	–	5 800	5 280	3	8 990	–	–	–
		21,3	77	34,6	230,9		35	15 970	14 270	13 110	–	12 780	11 630	44	19 800	–	–	–
IF 710/70R42	DW25B	745	2 062	929	6 114	179D	2,4	9 690	8 650	7 940	–	7 750	7 050	3	12 013	–	–	–
		29,3	81,2	36,6	240,7		35	21 340	19 050	17 490	–	17 070	15 530	44	26 460	–	–	–
IF 710/65R46*						183D												

*Under development

AGRIFLEX 372 CFO



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)											
		Speed, km/h (mph)										Cyclic*		CFO*					
		Not high and sustained torque; Road transport						Cyclic*		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	Press.	Load	Load	Load		
mm in	mm in	6	9	12	40 km/h 25 mph	65 km/h 40 mph	44	bar psi	10	15	15	30							
				mm in	mm in		bar psi				6	9	19						
IF 520/80R26 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		
IF 620/75R30 CFO	DW23B	650	1675	734	4879	164D	1.6	6250	5580	5130	-	5000	4550	-	-	7750	6500		
		25.6	65.9	28.9	192.1		23	13770	12290	11300	-	11010	10020	-	-	17070	14320		
IF 650/75R30 CFO	DW23B DW21B	660	1720	754	5007	166D	1.6	6630	5920	5430	-	5300	4820	-	-	8215	6890		
		26	67.7	29.7	197.1		23	14600	13040	11960	-	11670	10620	-	-	18090	15180		
IF 800/65R32 CFO	DW27B	775	1845	816	5416	178A8	2.4	9380	8380	7690	7500	-	-	-	-	11625	9750		
		30.5	72.6	32.1	213.2		35	20660	18460	16940	16520	-	-	-	-	25610	21480		
IF 800/70R32 CFO	DW27B DW25B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	-	-	-	-	13175	11050		
		30.9	76.1	33.7	224.6		35	23410	20900	19190	18720	-	-	-	-	29020	24340		
IF 900/60R32 CFO	DW30B	885	1890	847	5650	193D	4	14380	12840	11790	-	11500	10470	-	-	17830	14950		
		34.8	74.4	33.3	222.4		58	31670	28280	25970	-	25330	23060	-	-	39270	32930		
IF 650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	5780	5160	4740	-	4625	4210	2	7170	-	-		
		25.6	67.7	30.3	198.1		23	12730	11370	10440	-	10190	9270	29	15790	-	-		
IF 710/85R38 CFO	DW25B	730	2165	956	6338	178D	1.6	9380	8380	7690	-	7500	6830	-	-	11625	9750		
		28.7	85.2	37.6	249.5		23	20660	18460	16940	-	16520	15040	-	-	25610	21480		
IF 800/70R38 CFO	DW27B DW25B	820	2085	926	6100	184A8	2.4	11250	10050	9230	9000	-	-	-	-	13950	11700		
							35	24780	22140	20330	19820	-	-	-	-	30730	25770		
							2.8	12190	10890	9990	9750	-	-	-	-	15113	12675		
IF 900/60R38 CFO	DW30B DW31B	880	2035	897	6011	184A8	2.4	11250	10050	9230	9000	-	8190	-	-	13950	11700		
							35	24780	22140	20330	19820	-	18040	-	-	30730	25770		
							2.8	9380	8380	7690	-	7500	-	-	-	11625	9750		
IF 580/85R42 CFO	DW20B	595	2040	918	6065	178D	41	20660	18460	16940	-	16520	-	-	25610	21480			
		23.4	80.3	36.1	238.8		41	20660	18460	16940	-	16520	-	-	25610	21480			
IF 710/75R42 CFO	DW25B	725	2150	951	6667	176D	1.6	8880	7930	7280	-	7100	6460	-	-	11005	9230		
		28.5	84.6	37.4	262.5		23	19560	17470	16040	-	15640	14230	-	-	24240	20330		



AGRISTAR XL 378

The Agristar XL 378 Large Volume series is dedicated for application on High Power Tractors, Combines/Harvesters, Big Wagons, Spreaders and Sprayers. Agristar XL provides very good performance at the price level of standard tyres.

Specific tread patterns and tyre 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 tyre dimensions, high puncture protection and huge tyre to soil contact area.

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



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					Not high and sustained torque;								Field operation		
								Road transport								Low Torque		High Tor
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	DW20	590	1692	760.6	5025	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820	-	-	-
		23.2	66.6	29.9	197.8	169A8	46	26850	17510	13830	13440	12780	12270	11670	10620	-	-	-
710/55R30	DW23	677	1516	667	4471	153D	1.6	8400	5480	4330	4200	4000	3830	3650	3320	5600	4800	4280
		26.7	59.7	26.3	176		23	18500	12070	9540	9250	8810	8440	8040	7310	12330	10570	9430
710/60R30	DW23B	705	1616	723	4820	162D	2.4	10930	7130	5630	5460	5200	4990	4750	4320	7280	6240	5560
		27.8	63.6	28.5	189.8	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	868	2040	904	6041	178D	2.4	17250	11250	8890	8630	8210	7880	7500	6830	11490	9850	8780
		34.2	80.3	35.6	237.8	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	855	1947	861	5770	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	6365	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370
		35	84.3	37.4	250.6		35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640



AGRISTAR 365

The Alliance 365 (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tyres with low aspect ratio. High tyre 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 ensures long tyre life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended 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	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
420/65R20	W13	418	1054	513	3110	135D	2.5	2510	2580	2390	2290	2180	1980	3.1	3710	3380
		16.5	41.5	20.2	122.4	138A8	35	5530	5680	5260	5040	4800	4360	44	8170	7440
		126A8* 126B									-----UNDER DEVELOPMENT-----					
440/65R24	W14L	447	1192	547.4	3555	128D	1.6	2070	2130	1970	1890	1800	1640	2	3060	2790
		17.6	46.9	21.6	140	131A8	23	4560	4690	4340	4160	3960	3610	29	6740	6150
	W13	447	1192	547.4	3555	135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
		17.6	46.9	21.6	140	138A8	35	5530	5680	5260	5040	4800	4360	44	8170	7440
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	6340	6520	6040	5790	5510	5020	42	9360	8550	
540/65R24	W16L	540	1312	592	3871	140D	1.6	2880	2960	2740	2630	2500	2280	2	4250	3880
		21.3	51.7	23.3	152.4	23	6340	6520	6040	5790	5510	5020	29	9360	8550	
	W18L	540	1312	592	3871	146D	2.4	3450	3560	3290	3150	3000	2730	3	5100	4650
		21.3	51.7	23.3	152.4	35	7600	7840	7250	6940	6610	6010	44	11230	10240	
480/65R28	W15L	477	1335	607.3	3959	142D	2.4	3050	3140	2900	2780	2650	2410	3	4510	4110
		18.8	52.6	23.9	155.9	145A8	35	6720	6920	6390	6120	5840	5310	44	9930	9050
	W14L	477	1335	607.3	3959	136D	1.6	2580	2650	2450	2350	2240	2040	2	3810	3470
		18.8	52.6	23.9	155.9	139A8	23	5680	5840	5400	5180	4930	4490	29	8390	7640
540/65R28	W16L	530	1420	639.5	4184	142D	1.6	3050	3140	2900	2780	2650	2410	2	4510	4110
		20.9	55.9	25.2	164.7	145A8	23	6720	6920	6390	6120	5840	5310	29	9930	9050
	W15L	530	1420	639.5	4184	149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040
		20.9	55.9	25.2	164.7	152A8	35	8240	8480	7840	7510	7160	6520	44	12180	11100
	W18L	594	1484	668.6	4374	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770
23.4		58.4	26.3	172.2	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
594		1484	668.6	4374	154D	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810	
600/65R28	DW20	594	1484	668.6	4374	157A8	35	9490	9780	9050	8680	8260	7510	44	14050	12800
		23.4	58.4	26.3	172.2	157A8	35	9490	9780	9050	8680	8260	7510	44	14050	12800

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Speed Symbol	Infl. press	Recommended load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									1) Not high and sustained torque; 2) Road transport							
									Non cyclic operation				Cyclic operation			
									25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9
540/65R30	W16L W18L	560	1486	668	4374	143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220
		22	58.5	26.3	172.2	146A8	23	6890	7110	6560	6300	6000	5460	29	10200	9300
						150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190
						153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430
600/65R30	DW20 W18L	610	1542	697	4554	149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040
		24	60.7	27.4	179.3	158D	2.5	4890	5040	4650	4460	4250	3870	3.1	7230	6590
						158D	36	10770	11100	10240	9820	9360	8520	45	15930	14520
540/65R34	W16L W15L W18L	533	1570	717.9	4670	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
		21	61.8	28.3	183.9	155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110
						145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500
						148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910
600/65R34	W18L W16 DW20A	602	1648	739.7	4904	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350
		23.7	64.9	29.1	193.1	155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780
						157D	2.4	4740	4890	4520	4330	4125	3750	3	7010	6390
						160A8	35	10440	10770	9960	9540	9090	8260	44	15440	14070
540/65R38	W16L W18L	540	1667	770	4989	153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660
		21.3	65.6	30.3	196.4	153D	35	9250	9540	8810	8440	8040	7310	44	13680	12470
600/65R38	W18L W16 DW20A DW18L	594	1748	796	5169	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660
		23.4	68.8	31.3	203.5	155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470
						159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780
						162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930
						157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390
						160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070
650/65R38	DW20B DW18L	658	1825	826	5485	163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560
		25.9	71.9	32.5	215.9	166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650
						Special	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220
						166D	36	13440	13830	12780	12270	11670	10620	45	19850	18110
						169A8	36	13440	13830	12780	12270	11670	10620	45	19850	18110
						171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530
710/70R38	DW23A W18	728	1950	874.1	5729	174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990
		28.7	76.8	34.4	225.6	166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220
						168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530
650/65R42	DW20B W18	657	1945	882.5	5758	174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990
		25.9	76.6	34.7	226.7	158D	1.6	4890	4800	4460	4340	4250	3870	2	7230	6590
						160A8	23	10770	10570	9820	9560	9360	8520	29	15930	14520
						170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300
710/70R42 Steel Belted	DW23B	740	2055	936	6178	173A8	46	15200	15660	14470	13880	13220	12030	58	22470	20480
		29.1	80.9	36.9	243.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						Special	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
				177D	46	18500	19050	17620	16890	16080	14630	58	27330	24930		
				180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930		

R-1W



MFWA



COMBINE HARVESTER



4WD TRACTOR



AGRISTAR 365 VF

The 365 Agri-Star R-1W tread patterns represent the family of modern radial agricultural tyres with low aspect ratio. Alliance's VF series could provide Very High Flexion (VF). VF technology combined with special construction & advanced compounds provide reduced soil compaction, extraordinary traction, 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables to VF tyres marked NRO also be fitted on a standard rim.



Off Road Speed Rating Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)											
		Speed, km/h (mph)										Cyclic*		CFO*					
		Not high and sustained torque; Road transport						Cyclic*		CFO*									
		SW	OD					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	Load	Load				
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	40 25	65 40	70 44	bar psi	10 6	15 9	30 19			
VF 600/65R28 NRO	DW20B W18L DW21B	615 24.2	1495 58.9	648 25.5	4391 172.9	163D	2 29	5220 11500	4875 10740	4875 10740	-	4875 10740	4440 9780	2.5 36	7560 16650	-	-		
VF 650/65R42 NRO	DW20B W18L DW21B	657 25.9	1945 76.6	856 33.7	5718 225.1	174D	2 29	7180 15810	6700 14760	6700 14760	-	6700 14760	6100 13440	2.5 36	10390 22890	-	-		



AGRISTAR 385

Alliance 385 Radial tyre is a part of the 85 series and represents the company's focus of developing tyres that meet the demands of extensive developments in the tractor industry. The Alliance 385 tread-pattern is designed with an appropriate lug construction and strength required for modern high HP/speed tractors. Special focus is given to the flexibility characteristics of the tyre. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tyre life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
								Not high and sustained torque;					Field operation				
								Road transport					Low Torque High Tor				
		SW	OD				Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6
mm in	mm in	mm in	mm in	mm in	mm in												
11.2R20	W10	286	994	448	2930	111A8	1.6	2510	1640	1210	1170	1090	1000	-	1530	1310	1170
	W9	11.3	39.1	17.6	115.4	108B	23	5530	3610	2670	2580	2400	2200	-	3370	2890	2580
460/85R34						144A8	1.4	6440	4200	3110	3000	2800	2550	-	3920	3360	3000
	W16L	486	1653	749	4891	141B	20	14190	9250	6850	6610	6170	5620	-	8630	7400	6610
	W15L	19.1	65.1	29.5	192.6	157A8	2.8	9490	6190	4580	4410	4125	3750	-	5780	4950	4410
	W14L					154B	41	20900	13630	10090	9710	9090	8260	-	12730	10900	9710
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
	W11																
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
520/85R46 (Des.375)	DW16	530	2050	941	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550
	W15 DW18L	20.9	80.7	37	240.7	155 B	23	21540	14050	10400	10020	9360	8520	-	13110	11230	10020

385 High Speed Radial

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended 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
280/85R20	W10	286	994	448	2930	109D	1.6	2370	1550	1220	1180	1130	1080	1030	1580	1360	1210
	W9	11.3	39.1	17.6	115.4	112A8	23	5220	3410	2690	2600	2490	2380	2270	3480	3000	2670
320/85R20	W11	325	1044	465	3140	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	123.6	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	524.5	3418	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.6	134.6	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	538	3509	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.2	138.1	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	567	3705	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.3	145.9	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
420/85R24	W12	440	1329	596	3906	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	17.3	52.3	23.5	153.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
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	4239	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.9	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770
420/85R30	W15L	453	1475	669	4366	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700
	W14L W13	17.8	58.1	26.3	171.9	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 W14L W13	450 17.7	1580 62.2	713 28.1	4696 184.9	139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850
						142A8	23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280
						144D	2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
460/85R34	W16L W15L W14L	486 19.1	1653 65.1	749.5 29.5	4892 192.6	147A8	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
						147A8	23	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
420/85R38	W15L W14L W13	446 17.6	1670 65.7	766 30.2	4976 195.9	141D	1.6	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020
						144A8	23	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650
460/85R38	W16L W15L W14L	490 19.3	1755 69.1	802 31.6	5221 205.6	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520
						149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750
520/85R38	DW16L DW18L	522 20.6	1854 73	842 33.1	5494 216.3	152D	1.6	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160
						155A8	23	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160
						166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210
650/85R38	DW23A DW21A DW20A	700 27.6	2052 80.8	934 36.8	6088 239.7	169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680
						170D	2.4	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
						173A8	35	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
520/85R42 (20.8R42)	DW18L	538 21.2	1956 77	885 34.8	5780 227.6	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
						165D	2.8	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	41	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	W13 W12 W14	420 16.5	1861 73.3	857.8 33.8	5563 219	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
						154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900
						159D	3.2	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Not high and sustained torque;						Field operation			
		mm in	mm in					Road transport						Low Torque		High Tor	
						Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6	
520/85R46 (Des.375)	DW16	530	2050	941.2	6114	169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
	W15 DW18L	20.9	80.7	37.1	240.7	173A8	46	29380	19160	15130	14690	14190	13410	12780	19870	17030	15180
480/80R50 Steel Belted						159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
	W15L	480	2060	958	6228	162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
	W14L	18.9	81.1	37.7	245.2	165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
							168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910

R-1W



MFWA

4WD TRACTOR

2WD TRACTOR

COMBINE HARVESTER



AGRISTAR 370

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

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 tyre footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities. Strong nylon carcass, rigid belts and endure tread rubber compound provide long tyre life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended 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	10 6	20 12	10 6
		mm in	mm in	mm in	mm in		Bar psi									
200/70R16	W6	197	686	315	2047	94A8	2.4	1540	1010	740	720	670	670	940	800	720
		7.8	27	12.4	80.6	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	W9	258	741	342	2217	106A8	2.4	2190	1430	1050	1020	950	860	1330	1140	1020
		10.2	29.2	13.5	87.3	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	W8	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
280/70R18	W9	278	860	390	2544	114A8	2.4	2710	1770	1310	1260	1180	1070	1650	1420	1260
		10.9	33.9	15.4	100.2	111B	35	5970	3900	2890	2780	2600	2360	3630	3130	2780
340/65R18*						113A8		-----UNDER DEVELOPMENT-----								
260/70R20	W9	258	878	402	2612	113A8	2.4	2650	1730	1280	1230	1150	1050	1610	1380	1230
		10.2	34.6	15.8	102.8	110B	35	5840	3810	2820	2710	2530	2310	3550	3040	2710
280/70R20	W10	278	912	415	2706	116A8	2.4	2880	1880	1390	1340	1250	1140	1750	1500	1340
		10.9	35.9	16.3	106.5	113B	35	6340	4140	3060	2950	2750	2510	3850	3300	2950
300/70R20	W9					110A8	1.6	2440	1590	1180	1130	1060	960	1480	1270	1130
		293	956	435	2833	107B	23	5370	3500	2600	2490	2330	2110	3260	2800	2490
		11.5	37.6	17.1	111.5	120A8	2.4	3220	2100	1550	1500	1400	1270	1960	1680	1500
						117B	35	7090	4630	3410	3300	3080	2800	4320	3700	3300

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended 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	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	10 6	20 12	10 6						
320/70R20	W10 W9 W11	325 12.8	986 38.8	445 17.5	2908 114.5	113A8	1.6	2650	1730	1280	1230	1150	1050	1610	1380	1230			
						110B	23	5840	3810	2820	2710	2530	2310	3550	3040	2710			
						123A8	2.4	3570	2330	1720	1660	1550	1410	2170	1860	1660			
						120B	35	7860	5130	3790	3660	3410	3110	4780	4100	3660			
340/65R20	W11 W10 W12	345 13.6	955 37.6	431 17	2820 111	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	W11 W10 W12	360 14.2	1042 41	468 18.4	3066 120.7	129A8	2.4	4260	2780	2050	1980	1850	1850	2590	2220	1980			
						129B	35	9380	6120	4520	4360	4080	4080	5700	4890	4360			
380/70R20	W12 W11	380 15	1082 42.6	484 19.1	3176 125	122A8	1.6	3450	2250	1670	1610	1500	1500	2100	1800	1610			
						122B	23	7600	4960	3680	3550	3300	3300	4630	3960	3550			
320/70R24	W10 W9 W11	319 12.6	1098 43.2	500 19.7	3259 128.3	116A8	1.6	2880	1880	1390	1340	1250	1140	1750	1500	1340			
						113 B	23	6340	4140	3060	2950	2750	2510	3850	3300	2950			
360/70R24	W11 W10 W12	360 14.2	1152 45.4	522 20.6	3407 134.1	122A8	1.6	3450	2250	1670	1610	1500	1370	2100	1800	1610			
						119 B	23	7600	4960	3680	3550	3300	3020	4630	3960	3550			
380/70R24	W12 W11 W13	380 15	1182 46.5	534 21	3489 137.4	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770			
						122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900			
420/70R24	W13 W12 W14L	418 16.5	1238 48.7	553 21.8	3631 143	130A8	1.6	4370	2850	2110	2030	1900	1730	2660	2280	2030			
						127 B	23	9630	6280	4650	4470	4190	3810	5860	5020	4470			
480/70R24	W15L W14L W16L	479 18.9	1322 52	590 23.2	3873 152.5	138A8	1.6	5430	3540	2620	2530	2360	2150	3300	2830	2530			
						135 B	23	11960	7800	5770	5570	5200	4740	7270	6230	5570			
620/70R26	DW20B W18L	625 24.6	1500 59.1	660 26	4440 174.8	153A8	1.6	8400	5480	4050	3910	3650	3650	5110	4380	3910			
						153B	23	18500	12070	8920	8610	8040	8040	11260	9650	8610			
750/70R26 (28.1R26)	DW24 DW25	750 29.5	1750 68.9	774.2 30.5	5177 203.8	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550			
						158B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020			
						172A8	2.4	14490	9450	6990	6740	6300	6300	8820	7560	6740			
						172B	35	31920	20810	15400	14850	13880	13880	19430	16650	14850			
19.5LR28	W15L W14L W16L	479 18.9	1423 56	569 22.4	3887 153	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680			
						137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900			
360/70R28	W11 W10 W12	357 14.1	1255 49.4	573 22.6	3730 146.9	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770			
						122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900			
380/70R28	W12	380 15	1283 50.5	584 23	3807 149.9	127A8	1.6	4030	2630	1940	1870	1750	1590	2450	2100	1870			
						124 B	23	8880	5790	4270	4120	3850	3500	5400	4630	4120			
420/70R28	W13 W12 W14L	418 16.5	1339 52.7	607 23.9	3961 155.9	133A8	1.6	4740	3090	2290	2200	2060	1870	2880	2470	2200			
						130 B	23	10440	6810	5040	4850	4540	4120	6340	5440	4850			
480/70R28	W15L W14L W16L	479 18.9	1423 56	640 25.2	4190 165	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680			
						137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900			
600/70R28	W18L DW20B	592 23.3	1562 61.5	709 27.9	4671 183.9	161A8	2.8	10640	6940	5130	4950	4625	4250	6480	5550	4950			
						158B	41	23440	15290	11300	10900	10190	9360	14270	12220	10900			
19.5LR30	W15L W14L W16L	479 18.9	1474 58	666 26.2	4351 171.3	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760			
						138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080			
480/70R30	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760			
						138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080			
600/70R30	DW20B W18L	627 24.7	1594 62.8	708 27.9	4715 185.6	152A8	1.6	8170	5330	3940	3800	3550	3550	4970	4260	3800			
						152 B	23	18000	11740	8680	8370	7820	7820	10950	9380	8370			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended 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	Low Torque		High Tor	
10 6	20 12	10 6															
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		
480/70R34	W15L	479 18.9	1576 62	729 28.7	4690 184.6	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920	
						140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430	
						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	
520/70R34	W16L W18L W18L	516 20.3	1632 64.3	739 29.1	4826 190	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370	
						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	
480/70R38	W15L W14L W16L	479 18.9	1667 66	767 30.2	4991 196.5	145A8	1.6	6670	4350	3220	3100	2900	2640	4060	3480	3100	
						142 B	23	14690	9580	7090	6830	6390	5810	8940	7670	6830	
520/70R38	W16L W16A W18L	516 20.3	1733 68.2	790 31.1	5144 202.5	150A8	1.6	7710	5030	3720	3580	3350	3050	4690	4020	3580	
						147 B	23	16980	11080	8190	7890	7380	6720	10330	8850	7890	
580/70R38	W18A W18L DW18L	577 22.7	1817 71.5	816 32.1	5343 210.4	155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150	
						152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140	
						Reinforced rim	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						170A8	41	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						167 B	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560	
710/70R38 (Des.360)	DW23A	716 28.2	1948 76.7	877 34.5	5739 225.9	180A8	67	40530	26430	19560	18850	17620	16040	24670	21150	18850	
						166A8	1.6	12190	7950	5880	5670	5300	4820	7420	360	5670	
						163B	23	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						172A8	2.1	14490	9450	6990	6740	6300	5730	8820	7560	6740	
						169B	30	31920	20810	15400	14850	13880	12620	19430	16650	14850	
800/70R38	DW25B DW23B DW27B	806 31.7	2082 82	929 36.6	6101 240.2	178A8	2.8	17250	11250	8330	8030	7500	6830	10500	9000	8030	
						175B	41	38000	24780	18350	17690	16520	15040	23130	19820	17690	
						173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960	
580/70R42	W18L	601 23.7	1900 74.8	864 34	5632 221.7	173A8	2.4	14950	9750	7220	6960	6500	6500	9100	7800	6960	
						173 B	35	32930	21480	15900	15330	14320	14320	20040	17180	15330	
710/70R42 (Des.365)	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	180A8	3.2	18400	12000	8880	8560	8000	8000	11200	9600	8560	
						180B	46	40530	26430	19560	18850	17620	17620	24670	21150	18850	
						173A8	2.4	14950	9750	7220	6960	6500	6500	9100	7800	6960	

370 High Speed Radial

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended 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	Low Torque		High Tor	
10 6	20 12	10 6															
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		
19.5LR28 (480/70R28)	W15L W14L W16L	479 18.9	1423 56	640 25.2	4190 164.9	149D	2.8	3740	3850	3560	3410	3250	2960	3.5	5530	5040	
						146 E	41	8240	8480	7840	7510	7160	6520	51	12180	11100	
19.5LR30 (480/70R30)	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	147D	2.4	3540	3640	3370	3230	3075	2800	3	5230	4770	
						144E	35	7800	8020	7420	7110	6770	6170	44	11520	10510	
						152D	3.2	4080	4210	3890	3730	3550	3230	4	6040	5500	
						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							



387

The Alliance 387 Farm Radial is a tyre specially developed for environment friendly machines which are designed not to damage soil, grass and plants during operation. This R-1 Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vine yards. 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	Infi press	Recommended 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
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	-	-	-
14.9LR20	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	-	-	-
116B*							-----Under development-----									

R-1W



MFVA

4WD TRACTOR

2WD TRACTOR



FarmPRO Radial 70 (845)

The Alliance FarmPRO '70 series Radial R-1W is an addition to the Agricultural Radial tyre line up from Alliance. This highly versatile range represents the family of modern agricultural radial tyres. 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 tyres are characterized by a 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 tyre's visual appeal.



Speed Rating Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
								Mixed application		
								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	435	2833	120A8	2.4	1400	1400	-
	W10	11.5	37.6	17.1	111.5	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	1148	522	3387	122A8	1.6	1500	1500	-
	W10	14.1	45.2	20.6	133.3	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	561	3682	130A8	1.6	1900	1900	-
	W12	16.5	49.1	22.1	145	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	3814	127A8	1.6	1750	1750	-
		15	50.9	23.2	150.2	127B	23	3850	3850	-

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					Mixed application		
								40 25	50 30	70 44
420/70R28	W13	418	1349	611	3980	133A8	1.6	2060	2060	-
		16.5	53.1	24.1	156.7	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
						151A8	3.2	3450	-	-
						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	4124	134A8/	1.6	2120	2120	-
		16.5	55	25	162.4	134B	23	4675	4675	-
						141A8	1.6	2575	2575	-
						141B	23	5670	5670	-
480/70R30	W15L	479	1478	668	4360	150A8	2.8	3350	-	2800
		18.9	58.2	26.3	171.7	144E	41	7380	-	6170
						156A8	4	4000	4000	-
						156B	58	8820	8820	-
520/70R30	W16L	516	1536	691	4531	145A8/	1.6	2900	2900	-
		20.3	60.5	27.2	178.4	145B	23	6395	6395	-
600/70R30	DW20BX30	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	719	4661	143A8	1.6	2725	2725	-
		18.9	62.2	28.3	183.5	143B	23	6000	6000	-
520/70R34	W16L	516	1640	743	4838	148A8	1.6	3150	3150	-
		20.3	64.6	29.3	190.5	148B	23	6940	6940	-
480/70R38	W15L	479	1681	770	4959	145A8	1.6	2900	2900	-
		18.9	66.2	30.3	195.2	145B	23	6390	6390	-
520/70R38	W16L	516	1755	797	5177	150A8	1.6	3350	3350	-
		20.3	69.1	31.4	203.8	150B	23	7380	7380	-
580/70R38	W18L					155A8	1.6	3875	3875	-
		577	1835	828	5413	155B	23	8540	8540	-
		22.7	72.2	32.6	213.1	180A8	5.4	8000	8000	-
						180B	78	17640	17640	-
710/70R38	DW23B	716	1958	880	5768	172A8	2.4	6300	6300	-
		28.2	77.1	34.6	227.1	172B	35	13560	13560	-
710/70R42	DW23B	716	2061	938	6080	173A8	2.4	6500	6500	-
		28.2	81.1	36.9	239.4	173B	35	14330	14330	-

R-1W

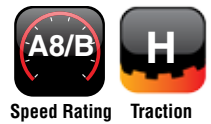


FP 842

FP 846

FarmPRO Radial(842) & FarmPRO Radial II (846)

FarmPRO '85 series of agricultural radial tyres have multi angle lug design with steep angles at the center that enables smooth ride along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tyres are characterized by a 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 tyre 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)							
								Mixed application							
								Static	10 6	25 16	30 19	40 25	50 30	70 44	
280/85R20 (Des.842)	W10	288	984	447	2913	112A8/112B	1.6	-	-	-	-	1120	1120	-	
	W9	11.3	38.7	17.6	114.7		23	-	-	-	-	2470	2470	-	
320/85R20 (Des.842)	W11	319	1045	472	3093	119A8/119B	1.6	-	-	-	-	1360	1360	-	
		12.6	41.1	18.6	121.8		23	-	-	-	-	2992	2992	-	
250/85R24	W8	246	1036	476	3067	109A8	1.6	-	-	-	-	1030	1030	-	
	W7	9.7	40.8	18.7	120.7	109B	23	-	-	-	-	2270	2270	-	
	W9														
280/85R24	W10	270	1086	495	3215	115A8	1.6	-	-	-	-	1215	1215	-	
		10.6	42.8	19.5	126.6	115B	23	-	-	-	-	2680	2680	-	
320/85R24	W11 9,11	336	1148	515	3398	122A8	1.6	-	-	-	-	1500	1500	-	
						122B	23	-	-	-	-	3305	3305	-	
						142A8	4.7	-	-	-	-	2650	2650	-	
						142B	67	-	-	-	-	5840	5840	-	
340/85R24	W12 11	356	1181	530	3496	125A8	1.6	-	-	-	-	1650	1650	-	
						125B	23	-	-	-	-	3640	3640	-	
380/85R24	W12 11,13	386	1252	557	3706	131A8	1.6	-	-	-	-	1950	1950	-	
						131B	23	-	-	-	-	4300	4300	-	
420/85R24	W15L 13,14	418	1315	591	3879	137A8	1.6	-	-	-	-	2300	2300	-	
						137B	23	-	-	-	-	5070	5070	-	
250/85R28	W8	250	1137	526	3325	112A8	1.6	-	-	-	-	1120	1020	-	
		9.8	44.8	20.7	130.9	112B	23	-	-	-	-	2470	2250	-	
280/85R28	W9	280	1187	539	3514	118A8	1.6	-	-	-	-	1320	1320	-	
		11	46.7	21.2	138.3	118B	23	-	-	-	-	2910	2910	-	
320/85R28	W11 9,10	325	1246	565	3688	124A8	1.6	-	-	-	-	1600	1600	-	
		12.8	49.1	22.2	145.2	124B	23	-	-	-	-	3530	3530	-	

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	Mixed application							
								Static	10 6	25 16	30 19	40 25	50 30	70 44	
340/85R28	W12 11	360	1295	580	3833	127A8	1.6						1750	1750	
		14.2	51	22.8	150.9	127B	23						3860	3860	
380/85R28	W12 11	380	1352	604	4002	133A8	1.6						2060	2060	
		15	53.2	23.8	157.6	133B	23						4540	4540	
420/85R28	W15L 13,14	418	1420	630	4189	139A8	1.6						2430	2430	
		16.5	55.9	24.8	164.9	139B	23						5355	5355	
380/85R30	W12	380	1402	630	4136	135A8	1.6						2180	2180	
		15	55.2	24.8	162.8	135B	23						4800	4800	
420/85R30	W15L 13,14	431	1468	658	4331	140A8	1.6						2500	2500	
		17	57.8	25.9	170.5	140B	23						5510	5510	
420/90R30	DW13	418	1518	684	4478	147A8/147B	2.4						3075	3075	
		16.5	59.8	26.9	176.3		35						6770	6770	
460/85R30	W16L 14,15	475	1530	684	4529	145A8	1.6						2900	2900	
		18.7	60.2	26.9	178.3	145B	23						6395	6395	
320/85R32	W11	325	1357	625	4017	126A8	1.6						1700	1700	
		12.8	53.4	24.6	158.1	126B	23						3750	3750	
						133A8* 133B		-----UNDER DEVELOPMENT-----							
380/85R34	W12	380	1510	680	4455	137A8	1.6						2300	2300	
		15	59.4	26.8	175.4	137B	23						5070	5070	
420/85R34	W15L 13,14	420	1575	715	4646	142A8	1.6						2650	2650	
		16.5	62	28.1	182.9	142B	23						5840	5840	
460/85R34	W16L 14,15					147A8	1.6						3075	3075	
		479	1637	733	4845	147B	23						6780	6780	
		18.9	64.4	28.9	190.7	157A8	3						4125	4125	
						157B	44						9090	9090	
320/85R36	W11 W9 W10	325	1458	675	4369	128A8	1.6						1800	1800	
		12.8	57.4	26.6	172	128B	23						3970	3970	
340/85R36	W12	345	1495	689	4507	132A8	1.6						2000	2000	
		13.6	58.9	27.1	177.4	132B	23						4410	4410	
320/85R38	W11 W9 W10 Alt.	325	1509	701	4532	143A8	3.6						2725	2725	
		12.8	59.4	27.6	178.4	143B	52						6000	6000	
340/85R38	W12					133A8	1.6						2060	2060	
		345	1543	714	4675	133B	23						4540	4540	
		13.6	60.7	28.1	184.1	151A8	4.5						3450	3450	
						151B	64						7610	7610	
380/80R38	W12	375	1578	728	4721	142A8	2.4						2650	2650	
		14.8	62.1	28.7	185.9	142B	35						5840	5840	
420/85R38	W15L 13,14	415	1680	769	4973	144A8	1.6						2800	2800	
		16.3	66.1	30.3	195.8	144B	23						6170	6170	
460/85R38	W16L 14,15					149A8	1.6						3250	3250	
						149B	23						7165	7165	
		455	1740	783	5150	153A8	2.4						3650	3650	
		17.9	68.5	30.8	202.8	153B	35						8050	8050	
						167A8	4.5						5450	5450	
				167B	64						12240	12240			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	Speed Symbol	bar psi	Static	10 6
520/85R38	DW16L	525	1850	830	5476	155A8	1.6	-	-	-	-	-	3875	3875	-
	DW18L	20.7	72.8	32.7	215.5	155B	23	-	-	-	-	-	8545	8545	-
320/80R42 (Des.842)	W10	319	1580	739	4676	141A8	3.2	-	-	-	-	-	2575	2575	-
		12.6	62.2	29.1	184.1	141B	46	-	-	-	-	-	5670	5670	-
320/90R42 (Des.842)	W10	319	1643	764	4940	147A8	3.6	-	-	-	-	-	3075	3075	-
		12.6	64.7	30.1	194.5	147B	52	-	-	-	-	-	6770	6770	-
480/80R42	DW16L	479	1835	841	5413	151A8	1.6	-	-	-	-	-	3450	3450	-
		18.9	72.2	33.1	213.1	151B	23	-	-	-	-	-	7600	7600	-
	DD16L	169A8	4.5	-	-	-	-	-	-	-	-	-	5800	5800	-
		169B	64	-	-	-	-	-	-	-	-	-	12780	12780	-
520/85R42	DW16L	516	1951	888	5775.5	157A8	1.6	-	-	-	-	-	4125	4125	-
		20.3	76.8	35	227.4	157B	23	-	-	-	-	-	9090	9090	-
	DD18L	169A8	3.4	-	-	-	-	-	-	-	-	-	5800	5800	-
		169B	50	-	-	-	-	-	-	-	-	-	12785	12785	-
320/90R46 (Des.842)	W10	319	1744	815	5258	148A8	3.6	-	-	-	-	-	3150	3150	-
		12.6	68.7	32.1	207	148B	52	-	-	-	-	-	6940	6940	-
380/90R46 (Des.842)	W12	380	1863	860	5495	165A8	4.9	-	-	-	-	-	5150	5150	-
		15	73.3	33.9	216.3	165B	70	-	-	-	-	-	11355	11355	-
480/80R46	DW16L	479	1960	880	5782	158A8	2.4	9780	6380	4720	4550	4250	-	-	-
		18.9	77.2	34.6	227.6	158B	35	21540	14050	10400	10020	9360	-	-	-
520/85R46	DW16L	516	2052	937	6053	158A8	1.6	-	-	-	-	-	4250	4250	-
		20.3	80.8	36.9	238.3	158B	23	-	-	-	-	-	9360	9360	-



FarmPRO 303

FarmPRO 303 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 on loading ensures better stability.



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						Mixed application						
									10 ⁽¹⁾⁽²⁾ 6	15 9	20 16	25 19	30 25	35 22	40 25
5.00-15	4.00E	140	665	307	1979	4	73A6/	2.8	450	—	370	320	300	—	—
		5.5	26.2	12.1	77.9		65A8	40	990	—	810	700	660	—	—
5.50 - 16	4.00E	150	710	330	2145	6	86A6/	3.7	800	—	720	610	530	—	420
		5.9	28.0	13.0	84.4		78A8	54	1760	—	1590	1340	1170	—	930
6.00-16	4.50E	165	735	348	2245	6	88A6/	3.3	840	—	760	640	560	—	450
		6.5	28.9	13.7	88.3		80A8	48	1850	—	1670	1410	1230	—	990
6.50-16	4.00E	175	760	358	2285	6	91A6/	3.1	920	—	830	710	615	—	490
		6.9	29.9	14.1	89.9		83A8	45	2030	—	1830	1560	1350	—	1080
7.50-16	5.50FX16	205	805	360	2440	6	98A6/	2.8	1130	—	1010	860	750	—	600
		8.1	31.7	14.2	96.0		90A8	41	2490	—	2220	1890	1650	—	1320
7.50-16	5.50FX16	205	805	380	2460	8	103A6/	3.7	1310	—	1180	1010	875	—	700
		8.1	31.7	14.2	96.0		96A8	54	2890	—	2600	2220	1930	—	1540
9.00-16	W8	234	855	395	2585	10	116A6/	3.9	1880	—	1690	1440	1250	—	1000
		9.2	33.7	15.6	101.7		108A8	57	4140	—	3720	3170	2750	—	2200
10.00-16	W8L	275	895	410	2700	8	115A6/	2.8	1820	—	1640	1400	1215	—	970
		10.8	35.2	16.1	106.2		107A8	41	4010	—	3610	3080	2680	—	2140
11.00-16	W8L	315	965	430	2840	8	118A6/	2.5	1980	—	1780	1520	1320	—	1060
		12.4	38.0	16.9	111.8		110A8	36	4360	—	3920	3350	2910	—	2330
7.50-18	5.50FX18	205	860	395	2590	8	107A6/	3.7	1460	—	1320	1120	975	—	780
		8.1	33.9	15.6	101.9		99A8	54	3220	—	2910	2470	2150	—	1720
4.00-19	3.00DX19	112	716	330	2134	4	72A6	3.4	530	—	480	410	355	—	280
		4.4	28.2	13.0	84.0		49	1170	—	1060	900	780	—	620	
6.00-19	4.50E	165	814	390	2485	6	93A6/	3.3	980	—	880	750	650	—	520
		6.5	32.0	15.4	97.8		85A8	48	2160	—	1940	1650	1430	—	1150
7.50-20	5.5FX20	205	905	425	2735	8	109A6/	3.4	1550	—	1390	1180	1030	—	820
		8.1	35.6	16.7	107.6		101A8	49	3410	—	3060	2600	2270	—	1810

R-4



MFWA 4WD TRACTOR 2WD TRACTOR



550 MULTIUSE

550 MULTIUSE has been developed for specific applications on Industrial tractors, Backhoe loaders and Municipality tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery).

This pattern can also be 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.



Steel Belted



On & Off Road



Speed Rating



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load ex 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	10 6	25 16	30 19
250/80R16	W8	270	814	373	2470	123D	4.4	3910	2130	1850	1790	1700	1620	1550	2890	2640
	W7	10.6	32	14.7	97.2	126A8	64	8610	4690	4070	3940	3740	3570	3410	6370	5810
	W9															
340/80R18 (12.5/80R18)	11															
	W10	343	1002	450	2982	138D	4	6270	3410	2970	2870	2725	2600	2360	4630	4220
	W11	13.5	39.4	17.7	117.4	143A8	58	13810	7510	6540	6320	6000	5730	5200	10200	9300
	W12															
365/70R18	W11															
	W12	355	969	446	2872	135B	3.75	5010	—	2354	2311	2245	2180	—	3050	2510
	11SDC	14	38.1	17.6	113.1	142A2	54	11040	—	5190	5090	4940	4800	—	6720	5530
405/70R18	12SDC															
	W13															
	W12	404	1021	468	3059	141B	3.75	5920	—	2781	2730	2652	2575	—	3610	2960
	12SDC	15.9	40.2	18.4	120.4	153A2	54	13040	—	6130	6010	5840	5670	—	7950	6520
365/70R18	13SDC															
	W14L															
	W11															
	W12	355	969	446	2872	135B	3.75	5010	—	2354	2311	2245	2180	—	3050	2510
11SDC		14	38.1	17.6	113.1	142A2	54	11040	—	5190	5090	4940	4800	—	6720	5530
	12SDC															

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load ex Speed Symbol	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)									Cyclic Applications					
		Constant load														
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
405/70R18	W13															
	W12															
	12SDC	404 15.9	1021 40.2	468 18.4	3059 120.4	141B 153A2	3.75 54	5920 13040	— —	2781 6130	2730 6010	2652 5840	2575 5670	— —	3610 7950	2960 6520
	13SDC															
340/80R20	W14L															
	11															
	W10															
	W11	343 13.5	1052 41.4	480 18.9	3151 124.1	140D 144A8	4 58	6440 14190	3500 7710	3050 6720	2950 6500	2800 6170	2670 5880	2500 5510	4760 10480	4340 9560
360/70R20	12															
	W12															
	W11	355 14	1051 41.4	472.5 18.6	3121 122.9	124D 129A8	2.4 35	4260 9380	2310 5090	2020 4450	1950 4300	1850 4070	1770 3900	1600 3520	3150 6940	2870 6320
	W10															
360/80R20	DW11															
	DW12															
	W11	358 14.1	1092 43	491 19.3	3265 128.5	143D 147A8	4 58	7070 15570	3840 8460	3350 7380	3240 7140	3075 6770	2940 6480	2725 6000	5230 11520	4770 10510
	W12															
300/80R24	DW10															
	W9	295 11.6	1092 43	502 19.8	3238 127.5	128D 133A8	3.2 46	4740 10440	2580 5680	2250 4960	2170 4780	2060 4540	1970 4340	1800 3960	3500 7710	3190 7030
	W11															
	DW11															
340/80R24 (12.5R24)	DW11															
	DW10															
	DW12	343 13.5	1154 45.4	528 20.8	3439 135.4	135D 140A8	3.2 46	5750 12670	3130 6890	2730 6010	2640 5810	2500 5510	2390 5260	2180 4800	4250 9360	3880 8550
	W10															
360/80R24 (13.6R 24)	W11															
	W12															
	DW12															
	DW13															
400/80R24 (14.9R 24)	DW11	357 14.1	1184 46.6	537 21.1	3554 139.9	138D 143A8	3.2 46	6270 13810	3410 7510	2970 6540	2870 6320	2725 6000	2600 5730	2360 5200	4630 10200	4220 9300
	W11															
	W12															
	W13															
440/80R24 (16.9R24)	DW13															
	DW12	404 15.9	1249 49.2	559 22	3703 145.8	144D 149A8	3.2 46	7480 16480	4060 8940	3540 7800	3430 7560	3250 7160	3100 6830	2800 6170	5530 12180	5040 11100
	DW14L															
420/65R24	W13															
	W12	410 16.1	1156 45.5	527 20.7	3489 137.4	151A8 146D	4 58	7940 17490	4310 9490	3760 8280	3640 8020	3450 7600	3290 7250	3000 6610	5870 12930	5350 11780
	W11															
460/65R24	DW14L															
	DW15L	441 17.4	1314 51.7	593 23.3	3965 156.1	149D 154A8	3.2 46	8630 19010	4690 10330	4090 9010	3960 8720	3750 8260	3580 7890	3250 7160	6380 14050	5810 12800
	W15L															
480/65R24	DW16L															
	W15L	454 17.9	1209 47.6	547 21.5	3597 141.6	151D 156A8	3.2 46	9200 20260	5000 11010	4360 9600	4220 9300	4000 8810	3820 8410	3450 7600	6800 14980	6200 13660
	W16L															
	DW15L															
480/65R24	DW14L	480 18.9	1240 48.8	562 22.1	3730 146.9	146D 151A8	3.2 46	7940 17490	4310 9490	3760 8280	3640 8020	3450 7600	3290 7250	3000 6610	5870 12930	5350 11780
	DW16L															
	DW15L															

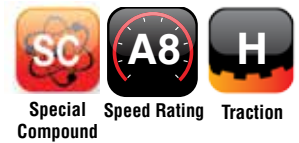
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load ex Speed Symbol	Infl. press.	Recommended load, kg (lbs)								
		Speed, km/h (mph)								Cyclic Applications						
		Constant load														
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	15 9
mm in	mm in	mm in	mm in	Bar psi	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in		
540/65R24	DW15L															
	DW16L	541	1312	592	3953	154D	3.2	9780	5310	4630	4480	4250	4060	3750	7230	6590
	DW18L	21.3	51.7	23.3	155.6	158A8	46	21540	11700	10200	9870	9360	8940	8260	15930	14520
400/80R28 (14.9R 28)	DW13L															
	W12	404	1352	613	4057	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350
	W14L	15.9	53.2	24.1	159.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780
440/80R28 (16.9R 28)	DW14L															
	DW15L	440	1418	639	4240	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200
	DW16L	17.3	55.8	25.2	166.9	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660
480/65R28	DW15L															
	DW14L	475	1339	607	4020	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810
	DW16L	18.7	52.7	23.9	158.3	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800
540/65R28	DW18L	550	1412	649	4266	155D	3.2	10350	5630	4910	4750	4500	4300	3875	7650	6980
	DW16L	21.7	55.6	25.6	168	160A8	46	22800	12400	10810	10460	9910	9470	8540	16850	15370
440/80R30 (16.9R 30)	DW14L															
	DW15L	434	1468	666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390
	DW16L	17.1	57.8	26.2	174.6	157A8	46	20900	11370	9910	9580	9090	8680	8040	15440	14070
480/80R30 (18.4R 30)	DW15L															
	DW16L	470	1531	695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360
	DW18L	18.5	60.3	27.4	181.7	162A8	46	24070	13080	11410	11040	10460	10000	9090	17800	16210
540/65R30	DW18L	545	1461	666	4402	156D	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170
	DW16L	21.5	57.5	26.2	173.3	161A8	46	23440	12730	11100	10750	10190	9740	8810	17310	15790
600/70R30	DW20															
	DW18L	611	1602	727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170
	W18L	24.1	63.1	28.6	188.7	161A8	35	23440	12730	11100	10750	10190	9740	9360	17310	15790
440/80R34 (16.9R 34)	DW14L															
	DW15L	441	1568	718	4737	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780
	DW16L	17.4	61.7	28.3	186.5	159A8	46	22160	12050	10510	10180	9640	9210	8540	16390	14930
480/80R34 (18.4R 34)	DW15L															
	DW13L	479	1629	739	4891	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750
	DW14L	18.9	64.1	29.1	192.6	164A8	46	25330	13770	12000	11630	11010	10530	9640	18720	17070
	DW16L															
480/80R38 (18.4R 38)	W15L	479	1728	786	5196	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220
	DW16A	18.9	68	30.9	204.6	166A8	46	26850	14600	12730	12310	11670	11150	10190	19850	18110
540/80R38 (20.8R 38)	DW18L	546	1824	832	5497	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770
	DW16L	21.5	71.8	32.8	216.4	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															
	DW18L	645	1814	818	5450	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700
	DW23B	25.4	71.4	32.2	214.6	175A8	46	34960	19010	16560	16040	15200	14520	13220	25840	23570
650/85R38	DW23B															
	DW21B	673	2067	913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790
	DW20A	26.5	81.4	35.9	245.3	181A8	35	41810	22710	19800	19160	18170	17360	16080	30900	28170
620/80R42	DW20B	644	2055	948	6170	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790
		25.4	80.9	37.3	242.9	181A8	46	41810	22710	19800	19160	18170	17360	16080	30900	28170
650/65R42	DW20A	638	1915	858	5795	171D	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010
	DW18L	25.1	75.4	33.8	228.1	176A8	46	35970	19560	17050	16500	15640	14930	13550	26590	24250
710/70R42		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



360

Alliance 360 is an extra wide high-volume agricultural tractor drive radial tyre for harvester application. 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 tyre traction efficiency is increase by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tyre center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide longer tyre life.

360 Tractor



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport					Field operation				
								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	10 6	20 12	10 6				
28LR26	DW25A	751	1623	730	4778	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
		29.6	63.9	28.7	188.1	155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020	
	DW23A	751	1623	730	4778	166A8	2.4	12190	7950	5880	5670	5300	4820	7420	360	5670	
		29.6	63.9	28.7	188.1	163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490	
	620/75R26	DW20B	625	1590	716	4685	173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960
			24.6	62.6	28.2	184.4	170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330
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	DW25A	751	1623	730	4778	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
		29.6	63.9	28.7	188.1	155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020	
	DW23A	751	1623	730	4778	166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670	
		29.6	63.9	28.7	188.1	163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490	
	540/65R28	W16	550	1413	637	4166	173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960
			21.7	55.6	25.1	164	170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330
24.5R32	DW21A	622	1800	801	5264	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460	
		24.5	70.9	31.5	207.2	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420	
650/75R32	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	625	1800	801	5264	156B											
		24.6	70.9	31.5	207.2	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740	
650/75R32	DW20A	625	1800	801	5264	172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850	
		24.6	70.9	31.5	207.2												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)									
		Speed, km/h (mph)															
		Not high and sustained torque; Road transport						Field operation									
		SW						OD		mm in		mm in		Low Torque		High Tor	
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		
30.5LR32	DH27 DW27A Reinforced Rim	775 30.5	1820 71.7	809 31.9	5319 209.4	**	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830	
						167A8	23	27620	18020	13330	12840	12000	10930	16810	14410	12840	
						164B											
						***	2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						170A8	29	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						167B											
						173A8	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	35	32930	21480	15900	15330	14320	13040	20040	17180	15330	
600/65R38	W18L W16L	591 23.3	1745 68.7	795 31.3	5179 203.9	178A8	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030	
						175B	45	38000	24780	18350	17690	16520	15040	23130	19820	17690	
						147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290	
						144B	17	15570	10150	7510	7250	6770	6170	9490	8130	7250	
						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	650 25.6	1940 76.4	883 34.8	5754 226.5	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 25.6	1940 76.4	883 34.8	5754 226.5	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						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	Recommended load, kg (lbs)									
		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 18.9	1234 48.6	555 21.9	3633 143	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190	
						136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030	
600/65R28	W18L W16L	591 23.3	1480 58.3	655 25.8	4390 172.8	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	
540/65R30	W16L W18L	560 22	1486 58.5	662 26.1	4349 171.2	153A8	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190	
						150D	35	8480	8740	8080	7750	7380	6720	44	12560	11430	
650/75R32	DW21A DW20A	625 24.6	1800 70.9	801 31.5	5403 212.7	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770	
						175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520	
800/65R32	DW27B DH25B DH27B	800 31.5	1850 72.8	825 32.5	5485 215.9	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	3.1	7940	8180	7560	7250	6900	6280	3.9	11730	10700	
						178A8	45	17490	18020	16650	15970	15200	13830	57	25840	23570	
540/65R38	W16L W18L	550 21.7	1675 65.9	767 30.2	4987 196.3	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770	
						150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
650/65R38	DW20A	645 25.4	1835 72.2	733 28.9	5009 197.2	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530	
						171D	51	15570	16060	14820	14230	13550	12330	63	23040	20990	
710/70R38	DW23A	716 28.2	1948 76.7	877 34.5	5739 225.9	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220	
						168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110	
						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							



AGRISTAR 375

The Alliance Agristar 375 is a modern radial tyre for high power tractors, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tyre 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 a longer tyre life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.

375 Tractor



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommended 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	65 40	Low Torque	High Tor	
mm in	mm in	mm in	mm in	Speed Symbol	Bar psi												
1000/50R25	36.0HT-1.5	1060	1650	762	5068	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		41.7	65	30	199.5	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
620/75R26	DW20B	625	1595	727	4737	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670
	DW20A	24.6	62.8	28.6	186.5	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490
	DW18L																
1050/50R32	36VA	1030	1906	871	5668	180A8	2.2	18400	12000	8880	8560	8000	-	11200	9600	8560	
	DW36A	40.6	75	34.3	223.1		32	40530	26430	19560	18850	17620	-	24670	21150	18850	
650/75R32	DW21B	650	1820	337	2087	172A8	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		25.6	71.7	13.3	82.2	172B	46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
800/65R32	DW27A	812	1845	845	5494	172A8	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		32	72.6	33.3	216.3	172B	35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
900/60R32	DW27B DW28B DW30B	910	1905	844	5700	176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600
		35.8	75	33.2	224.4	176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740
						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	5399	170A8	3.2	13800	9000	6660	6420	6000	6000	-	8400	7200	6420
		24	71.7	32.6	212.6	170B	46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140
710/75R34	DW23A	720	1945	880	5747	178A8	3.2	17250	11250	8330	8030	7500	7500	-	10500	9000	8030
	DW21A	28.3	76.6	34.6	226.3	178B	46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690
520/85R46	DW16	530	2050	941.2	6114	169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
(Des.375)	W15	20.9	80.7	37.1	240.7	173A8	46	29380	19160	15130	14690	14190	13410	12780	19870	17030	15180
	DW18L																

* Alliance allows for Free Rolling application: Load capacity to be increased by 20%, after increasing the inflation pressure by 20%.

*Note: Please pay attention on increased inflation pressures under the cyclic operation.

BIAS TRACTOR



R-1



TracPRO 348

TracPRO 348 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 tyre 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)					
								Mixed application					
								Static	10 6	20 12	30 19	40 25	50 31
12.4-28	W11	315	1260	593	3776	12PR	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	12PR	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	378	1365	620	4036	12PR	2.3	4880	2970	2540	2120	1910	-
		14.9	53.7	24.4	158.8	134A6	33	10750	6540	5590	4670	4210	-
16.9-28	W15L	429	1435	645	4225	12PR	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	12PR	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	465	1550	694	4545	12PR	2.3	7480	4550	3900	3250	2930	-
		18.3	61	27.3	178.9	149A6	33	16480	10020	8590	7160	6450	-



324

Alliance 324 drive wheel is a heavy duty tractor tyre 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. The tyres are available with steel breakers.



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)									
								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	10 6	20 12
9.5-20	W8	241	940	442	2845	6	2.1	1900	1240	1010	880	825	750	1160	990	880	
	W7	9.5	37	17.4	112	101A8	30	4190	2730	2220	1940	1820	1650	2560	2180	1940	
9.5-22	W8	241	996	468	3013	6	2.2	2070	1350	1110	960	900	820	1260	1080	960	
						101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110	
	W7	9.5	39.2	18.4	118.6	8	2.7	2190	1430	1170	1020	950	-	1330	1140	-	
						106A8	39	4820	3150	2580	2250	2090	-	2930	2510	-	
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130	
						110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490	
	W9	11.2	43.5	20.2	130.5	8	2.4	2880	1880	1540	1340	1250	1140	1750	1500	1340	
						116A8	35	6340	4140	3390	2950	2750	2510	3850	3300	2950	
12.4-24	W11	315	1160	533	3461	6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300	
						115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860	
	W10	12.4	45.7	21	136.3	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
						121A8	33	7360	4800	3920	3410	3190	2910	4470	3830	3410	
	W10H	12.4	45.7	21	136.3	10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780	
						125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920	
12.4-24	W10H	12.4	45.7	21	136.3	12	3.5	4255	2775	2275	1980	1850	1685	-	-	-	
						129A8	51	9380	6118	5015	4365	4078	3715	-	-	-	
13.6-24	W12	345	1210	549	3584	8	2	3550	2320	1710	1650	1545	1390	-	-	-	
						123A8	29	7825	5115	3770	3640	3405	3065	-	-	-	
14.9-24	W13	378	1265	574	3745	6	1.4	3570	2330	1910	1660	1550	1410	2170	1860	1660	
						123A8	20	7860	5130	4210	3660	3410	3110	4780	4100	3660	
	W12	14.9	49.8	22.6	147.4	8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930	
						128A8	26	9120	5950	4870	4250	3960	3610	5550	4760	4250	

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)								
								Not high and sustained torque; Road transport						Field operation		
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque	High Tor	
mm in	mm in	mm in	mm in	Bar psi	kg	kg	kg	kg	kg	kg	kg	kg	kg			
8.3-24	W7 W6	211 8.3	995 39.2	470 18.5	3020 118.9	6	2.4	1840	1200	980	860	800	730	1120	960	860
						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	3065	2515	2180	2040	1850	2855	2450	2185
						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 W8H W7	241 9.5	1050 41.3	493 19.4	3175 125	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020
						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	5680	3700	3040	2640	2470	2250	3460	2950	2640
						10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370
						117A8	51	6520	4250	3480	3020	2830	2580	3960	3390	3020
18.4-26	W16L DW16 W15L	467 18.4	1450 57.1	646 25.4	4244 167.1	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140
						132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710
						8	1.4	5290	3450	2830	2460	2300	2090	3220	2760	2460
						137A8	20	11650	7600	6230	5420	5070	4600	7090	6080	5420
						10	1.8	6100	3980	3260	2840	2650	2410	3710	3180	2840
						142A8	26	13440	8770	7180	6260	5840	5310	8170	7000	6260
11.2-28	W10 W10H W9	284 11.2	1205 47.4	560 22	3621 142.6	8	2.4	3040	1980	1620	1410	1320	1200	1850	1580	1410
						118A8	35	6700	4360	3570	3110	2910	2640	4070	3480	3110
						8	2.3	3570	2330	1910	1660	1550	1410	2170	1860	1660
						123A8	33	7860	5130	4210	3660	3410	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 W11	345 13.6	1310 51.6	596 23.5	3885 153	6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550
						121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410
						8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	29	8370	5460	4470	3900	3630	3300	5090	4360	3900
						12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270
						134A8	44	10750	7000	5180	5000	4670	4210	6540	5590	5000
14.9-28	W13 W10H	378 14.9	1365 53.7	618 24.3	4036 158.9	6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030
						125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470
						8	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030
						130A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470
						12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530
						138A8	38	11960	7800	5770	5570	5200	4670	7270	6230	5570
16.9-28	W15L W14L	429 16.9	1435 56.5	645 25.4	4223 166.3	6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980
						129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360
						8	1.7	5010	3270	2680	2330	2180	1980	3050	2620	2330
						135A8	25	11040	7200	5900	5130	4800	4360	6720	5770	5130
						10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730
8.3-28	W7 W6	211 8.3	1095 43.1	521 20.5	3338 131.4	6	2.4	2010	1310	1080	940	875	800	1230	1050	940
						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
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
						143A8	35	13810	9010	7380	6430	6000	5460	8410	7200	6430

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)									
								Not high and sustained torque; Road transport							Field operation		
								Static	10 6	20 12	30 19	40 25	50 31	Low Torque		High Tor	
mm in	mm in	mm in	mm in	Bar psi	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			
14.9-30	W13 W12	378 14.9	1415 55.7	660 26	4261 167.8	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820	
						126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010	
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140	
						132A8	26	10130	6610	5420	4710	4410	4010	6170	5290	4710	
						6	1.3	4370	2850	2340	2030	1900	1730	2660	2280	2030	
						130A8	19	9630	6280	5150	4470	4190	3810	5860	5020	4470	
16.9-30	W15L W14L DW14	429 16.9	1485 58.5	667 26.3	4369 172	8	1.7	5290	3450	2830	2460	2300	2090	3220	2760	2460	
						137A8	25	11650	7600	6230	5420	5070	4600	7090	6080	5420	
						12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060	
						144A8	36	14490	9450	7750	6740	6300	5730	8810	7560	6740	
						14	2.9	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	42	15970	10420	8520	7420	6940	6320	9710	8330	7420	
18.4-30	W16L DW16 DW15L	467 18.4	1550 61	693 27.3	4546 179	10	1.8	6670	4350	3570	3100	2900	2640	4060	3480	3100	
						145A8	26	14690	9580	7860	6830	6390	5810	8940	7670	6830	
						12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480	
						149A8	33	16480	10750	8810	7670	7160	6520	10020	8590	7670	
						14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800	
						152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370	
						16	3.1	8900	5810	4760	4140	3870	3520	5420	4640	4140	
						155A8	45	19600	12800	10480	9120	8520	7750	11940	10220	9120	
						8	1.4	5590	3650	2990	2600	2430	2210	3400	2920	2600	
12.4-32	W11L W10 W10H	315 12.4	1360 53.5	633 24.9	4090 161	139A8	20	12310	8040	6590	5730	5350	4870	7490	6430	5730	
						6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460	
						119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220	
9.5-32	W8 W7	241 9.5	1251 49.3	500 19.7	3416 134.5	8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
						125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900	
						6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
16.9/14-34	W15 DW14	429 16.9	1585 62.4	725 28.5	4716 185.7	106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250	
						6	1.3	4740	3090	2530	2200	2060	1870	2880	2470	2200	
						133A8	19	10440	6810	5570	4850	4540	4120	6340	5440	4850	
						8	1.7	5590	3650	2990	2600	2430	2210	3400	2920	2600	
						139A8	25	12310	8040	6590	5730	5350	4870	7490	6430	5730	
						10	2	6100	3980	3260	2840	2650	2410	3710	3180	2840	
						142A8	29	13440	8770	7180	6260	5840	5310	8170	7000	6260	
						14	2.8	7480	4880	4000	3480	3250	2960	4550	3900	3480	
						149A8	41	16480	10750	8810	7670	7160	6520	10020	8590	7670	
18.4-34	W16L DW16 W15L	467 18.4	1650 65	748 29.4	4882 192.2	6	1.1	5290	3450	2830	2460	2300	2090	3220	2760	2460	
						137A8	16	11650	7600	6230	5420	5070	4600	7090	6080	5420	
						8	1.4	6100	3980	3260	2840	2650	2410	3710	3180	2840	
						142A8	20	13440	8770	7180	6260	5840	5310	8170	7000	6260	
						10	1.8	6900	4500	3690	3210	3000	2730	4200	3600	3210	
						146A8	26	15200	9910	8130	7070	6610	6010	9250	7930	7070	
						14	2.5	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	36	18500	12070	9890	8610	8040	7310	11260	9650	8610	
						6	2.1	2370	1550	1270	1100	1030	940	1440	1240	1100	
9.5-36	W8 W7	241 9.5	1353 53.3	590 23.2	3906 153.8	109A8	30	5220	3410	2800	2420	2270	2070	3170	2730	2420	
						14	5	4740	3090	2530	2200	2060	1870	2880	2470	2200	
						133A8	73	10440	6810	5570	4850	4540	4120	6340	5440	4850	
12.4-36	W11L W10 W10H	315 12.4	1465 57.7	682 26.9	4407 173.5	6	1.7	3340	2180	1780	1550	1450	1320	2030	1740	1550	
						121A8	25	7360	4800	3920	3410	3190	2910	4470	3830	3410	
						10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090	
270/95-38 (Des.350) Irrigation	W10 W9	292 11.5	1465 57.7	682 26.9	4407 173.5	131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600	
						4	1.2	2190	1430	1170	-	-	-	-	-	-	
						17	4820	3150	2580	-	-	-	-	-	-		

324 Heavy Duty



4WD TRACTOR



Duty Cycle Stubble Guard

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommended load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel					
							10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25		
15.5/80-24	W12	384	1262	566	3786	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390
							150A8	36	10660	9430	8250	7440	7530	6650	5840	5260
	W13	49.7	22.3	149.1	12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610	
						154A8	44	11720	10350	9090	8170	8240	7290	6390	5750	
	W14L	15.1	49.7	22.3	149.1	16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110
							159A8	58	13850	12250	10740	9670	9800	8660	7600	6850
16.5/85-28	W13	417	1423	626	4130	12	163A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110
							159A8	41	13850	12250	10740	9670	9800	8660	7600	6850
							W14L	16.4	56	24.6	162.6	12	159A8	41	13850	12250
W15L	41	13850	12250	10740	9670	9800	8660						7600	6850		



FarmPRO 324

FarmPRO 324 has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. The tread pattern is designed to deliver better self-cleaning. Its 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 under single pattern.



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	20 12	30 19	40 25	50 31
9.5-20	W8	241	940	442	2845	6	2.1	1900	1240	1010	880	825	750
		9.5	37	17.4	112	8	2.8	2240	1460	1200	1040	975	-
						107A8	41	4930	3220	2640	2290	2150	-
8.3-24	W7	211	995	470	3020	8	3.1	2130	1390	1140	990	925	840
		8.3	39.2	18.5	119	105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8	241	1050	493	3175	8	2.8	2575	1680	1380	1200	1120	1020
		9.5	41.3	19.4	125	112A8	41	5675	3705	3040	2645	2470	2250
11.2-24	W10	284	1105	512	3314	8	2.4	2880	1880	1540	1340	1250	1140
		11.2	43.5	20.2	130	116A8	35	6340	4140	3390	2950	2750	2510
12.4-24	W11					8	2.3	3340	2180	1780	1550	1450	1320
		315	1160	533	3461	121A8	33	7360	4800	3920	3410	3190	2910
		12.4	45.7	21	136	12	3.5	4260	2780	-	1980	1850	-
13.6-24	W12					129A8	51	9380	6120	-	4360	4070	-
		345	1210	549	3584	8	2	3565	2325	1905	1700	1550	1410
		13.6	47.6	21.6	141	123A8	29	7860	5125	4200	3745	3415	3105
14.9-24	W13					8	1.8	4140	2700	2210	1930	1800	1640
		378	1265	574	3745	128A8	26	9120	5950	4870	4250	3960	3610
		14.8	49.8	22.5	147.4	12	2.6	5150	3360	-	2400	2240	-
16.9-24	W15L					136A8	38	11340	7400	-	5290	4930	-
		429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1870
		16.8	52.5	23.6	154.4	133A8	24	10440	6810	5570	4850	4540	4120
8.3-24	W7	211	995	470	3020	8	3.1	2130	1390	1140	990	925	840
		8.3	39.2	18.5	119	105A8	45	4700	3065	2515	2185	2040	1850

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					mm / in	10 6	20 12	30 19	40 25	50 31
9.5-24	W8	241	1050	493	3175	8	2.8	2575	1680	1380	1200	1120	1020
		9.5	41.3	19.4	125	112A8	41	5675	3705	3040	2645	2470	2250
11.2-28	W10	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200
		11.1	47.4	22	142.5	118A8	34	6700	4360	3570	3110	2910	2640
12.4-28	W11	315	1260	583	3776	8	2.3	3570	2330	1910	1660	1550	1410
		12.4	49.6	23	149	123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12					8	2	3800	2480	2030	1770	1650	1500
		345	1310	596	3885	125A8	29	8370	5460	4470	3900	3630	3300
		13.5	51.5	23.4	152.9	12	3	4880	3180	-	2270	2120	-
						134A8	44	10750	7000	-	5000	4670	-
14.9-28	W13					8	1.8	4370	2850	2340	2030	1900	1730
		378	1365	618	4036	130A8	26	9630	6280	5150	4470	4190	3810
		14.8	53.7	24.3	158.8	12	2.6	5430	3540	-	2530	2360	-
16.9-28	W15L					138A8	38	11960	7800	-	5570	5200	-
						8	1.7	5010	3270	2680	2330	2180	1980
		429	1435	645	4223	135A8	24	11040	7200	5900	5130	4800	4360
16.9-30	W15L	16.8	56.4	25.3	166.2	12	2.4	6270	4090	-	2920	2725	-
						143A8	35	13810	9010	-	6430	6000	-
						8	1.7	5290	3450	2830	2460	2300	-
18.4-30	W16L	430	1485	667	4370	137A8	25	11650	7600	6230	5420	5070	-
		16.9	58.5	26.3	172	12	2.5	6440	4200	-	3000	2800	-
						144A8	36	14190	9250	-	6610	6170	-
18.4-34	W16L					8	1.4	5590	3650	2990	2600	2430	-
		467	1550	696	4545	139A8	20	12310	8040	6590	5730	5350	-
		18.4	61	27.4	178.9	12	2.3	7480	4880	-	3480	3250	-
16.9-34	W15					149A8	33	16480	10750	-	7670	7160	-
		430	1590	725	4720	8	1.7	5590	3650	2990	2600	2430	-
		16.9	62.6	28.5	185.8	139A8	25	12310	8040	6590	5730	5350	-
18.4-34	W16L	467	1660	747	4885	8	1.4	6100	3980	3260	2840	2650	-
		18.4	65.4	29.4	192.3	142A8	20	13440	8770	7180	6260	5840	-
15.5-38	W14L	394	1570	724	4695	8	1.8	4740	3090	2540	2200	2060	-
		15.5	61.8	28.5	184.8	133A8	26	10440	6810	5590	4850	4540	-
16.9-38	W15L	430	1689	770	5007	8	1.7	5920	3860	3170	2760	2575	-
		16.9	66.5	30.3	197.1	141A8	25	13040	8500	6980	6080	5670	-
18.4-38	W16L					8	1.4	6270	4090	3350	2920	2725	-
		467	1750	795	5190	143A8	20	13810	9010	7380	6430	6000	-
		18.4	68.9	31.3	204.3	12	2.1	8400	5480	-	3910	3650	-
						153A8	30	18500	12070	-	8610	8040	-

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)										
				Not high and sustained torque; Road transport						Field operation								
										Low Torque		High Tor						
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6					
13.6-36	W12	345	1514	691	4499	6	1.6	3800	2480	2030	1770	1650	1500	2310	1980	1770		
		13.6	59.6	27.2	177.1	125A8	23	8370	5460	4470	3900	3630	3300	5090	4360	3900		
16.9-38	W15L W15A W14L W14A	429	1689	767	5003	6	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760		
						135A8	25	13040	8500	6980	6080	5670	5150	7950	6810	6080		
						8												
						141A8												
18.4-38	DW16 W16L W15L	467	1750	795	5185	8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920		
						143A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430		
						10	1.8	7250	4730	3870	3370	3150	2870	4410	3780	3370		
						148A8	26	15970	10420	8520	7420	6940	6320	9710	8330	7420		
						14												
20.8-38	W18L	528	1840	826	5411	148A8	19	15970	10420	8520	7420	6940	6320	9710	8330	7420		
						14	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680		
						159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310		
						8	1.3	7250	4730	3870	3370	3150	2870	4410	3780	3370		



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A tractor tyre with extra strong lugs for heavy-duty services, engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degrees 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	Recommended 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	10 6	20 12	10 6		
mm in	mm in	mm in	mm in	Bar psi														
12.4-24 Steel Belted	W11 W10 W10H	315	1160	533	3461	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550		
		12.4	45.7	21	136.3	121A8	33	7360	4800	3920	3410	3190	2910	4470	3830	3410		
						12	3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980		
						129A8	51	9380	6120	5020	4360	4070	3700	5700	4890	4360		
13.6-28	W12	345	1310	596	3884	6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550		
	W11	13.6	51.6	23.5	152.9	121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410		
12.4-36	W11L	315	1465	682	4407	10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090		
	W10 W10H	12.4	57.7	26.9	173.5	131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600		
13.6-38	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		
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		
15.5-38	W14L	394	1570	724	4695	8	1.8	4740	3090	2530	2200	2060	1870	2880	2470	2200		
	DW14	15.5	61.8	28.5	184.8	133A8	26	10440	6810	5570	4850	4540	4120	6340	5440	4850		
18.4-38	W16L	467	1750	795	5185	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920		
		18.4	68.9	31.3	204.1	139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430		
						8												
						143A8												



358

Alliance 358 is a tractor drive wheel tread pattern characterized by extra strong lugs for heavy-duty services on medium HP agriculture tractors and implements. The 358 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.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommended load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
		mm in	mm in						10	25	40	50	10	25	40	50	
				mm in	mm in		Load index speed Sym	bar psi	6	16	25	31	6	16	25	31	
16.5/85-24	W13 W14L W15	417 16.4	1344 52.9	584 23	3873 152.5	12	162A6										
							158A8	2.8	6130	5420	4750	4280	4320	3820	3350	3020	
							150A6	41	13500	11940	10460	9430	9520	8410	7380	6650	
							146A8										
							165A6										
	14						161A8	3.3	6640	5870	5150	4640	4710	4160	3650	3290	
							153A6	48	14630	12930	11340	10220	10370	9160	8040	7250	
							149A8										

358 DRIVE WHEEL

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)								
								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	20 12	30 19
14.9-24	W13 W12	378 14.9	1265 49.8	574 22.6	3745 147.4	8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930
						128A8	26	9120	5950	4870	4250	3960	3610	5550	4760	4250
						12	2.6	5150	3360	2760	2400	2240	2040	3140	2690	2400
						136A8	38	11340	7400	6080	5290	4930	4490	6920	5930	5290
16.9-24	W16L W14L DW14	429 16.9	1335 52.6	601 23.7	3933 154.8	8	1.7	4740	3090	2510	2200	2060	1870	2880	2470	2200
						133A8	25	10440	6810	5530	4850	4540	4120	6340	5440	4850
14.9-28	W13 W12	378 14.9	1365 53.7	618 24.3	4036 158.9	6	1.4	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	20	8370	5460	4470	3900	3630	3300	5090	4360	3900
						8	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030
						130A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470
15.5-38	W14L DW14	394 15.5	1570 61.8	724 28.5	4695 184.8	6	1.4	4030	2630	2150	1870	1750	1590	2450	2100	1870
						127A8	20	8880	5790	4740	4120	3850	3500	5400	4630	4120
						8	1.8	4740	3090	2530	2200	2060	1870	2880	2470	2200
						133A8	26	10440	6810	5570	4850	4540	4120	6340	5440	4850
						10	2.3	5430	3540	2900	2530	2360	2150	3300	2830	2530
						138A8	33	11960	7800	6390	5570	5200	4740	7270	6230	5570

R-1



304

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



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)										
								Not high and sustained torque; Road transport									Field operation	
								Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6		
mm in	mm in	mm in	mm in	Bar psi	kg	kg	kg	kg	kg	kg	kg	kg	kg					
12.4-24	W11 W10 W10H	315 12.4	1160 45.7	533 21	3461 136.3	6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300		
						115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860		
						8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550		
14.9-24	W13 W12	378 14.9	1265 49.8	574 22.6	3745 147.4	8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930		
						125A8	26	9120	5950	4870	4250	3960	3610	5550	4760	4250		
						6	1.3	4030	2630	2150	1870	1750	1590	2450	2100	1870		
16.9-24	W15L W15A W14L W14A	429 16.9	1335 52.6	601 23.7	3933 154.8	127A8	19	8880	5790	4740	4120	3850	3500	5400	4630	4120		
						8	1.7	4740	3090	2530	2200	2060	1870	2880	2470	2200		
						133A8	25	10440	6810	5570	4850	4540	4120	6340	5440	4850		
18.4-26	W16L DW16 W15L	467 18.4	1450 57.1	646 25.4	4244 167.1	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140		
						132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710		
						8	1.4	5290	3450	2830	2460	2300	2090	3220	2760	2460		
						137A8	20	11650	7600	6230	5420	5070	4600	7090	6080	5420		
						10	1.8	6100	3980	3260	2840	2650	2410	3710	3180	2840		
13.6-28	W12 W11	345 13.6	1310 51.6	596 23.5	3885 153	4	1	2580	1680	1380	1200	1120	1020	1570	1340	1200		
						112A8	15	5680	3700	3040	2640	2470	2250	3460	2950	2640		
						6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550		
						121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410		
						8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770		
						125A8	29	8370	5460	4470	3900	3630	3300	5090	4360	3900		

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	mm in	mm in	Not high and sustained torque; Road transport					Field operation					
						Static	10 6	20 12	30 19	40 25	50 31	Low Torque	High Tor			
					Bar psi								10 6	20 12	10 6	
18.4-28	W16L W15L	467 18.4	1500 59.1	672 26.5	4406 173.5	6	1.1	4740	3090	2530	2200	2060	1870	2880	2470	2200
						133A8	16	10440	6810	5570	4850	4540	4120	6340	5440	4850
						8	1.4	5430	3540	2900	2530	2360	2150	3300	2830	2530
						138A8	20	11960	7800	6390	5570	5200	4740	7270	6230	5570
13.6-36	W12 DW12	345 13.6	1515 59.6	703 27.7	4548 179.1	6	1.6	3800	2480	2030	1770	1650	1500	2310	1980	1770
						125A8	23	8370	5460	4470	3900	3630	3300	5090	4360	3900
						8	2.1	4490	2930	2400	2090	1950	1770	2730	2340	2090
12.4-38	W11 DW11 W10	315 12.4	1515 59.6	710 28	4576 180.2	6	1.7	3450	2250	1850	1610	1500	1370	2100	1800	1610
						122A8	25	7600	4960	4070	3550	3300	3020	4630	3960	3550
						6	1.6	3910	2550	2090	1820	1700	1550	2380	2040	1820
13.6-38	W12 DW12 W11	345 13.6	1565 61.6	729 28.7	4709 185.4	6	1.6	3910	2550	2090	1820	1700	1550	2380	2040	1820
						126A8	23	8610	5620	4600	4010	3740	3410	5240	4490	4010
						8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090
14.9-38	W13 DW12 W12	378 14.9	1615 63.6	748 29.4	4843 190.7	8	1.8	4360	3270	2660	2330	2180	1980	3050	2620	2330
						135A8	26	9600	7200	5860	5130	4800	4360	6720	5770	5130
						6	1.6	3910	2550	2090	1820	1700	1550	2380	2040	1820

R-1



2WD TRACTOR



768

768 R1 Irrigation has ideally spaced 23 degree lug design for superior traction in irrigation use. Stronger and wider lugs provide better traction due to larger ground contact. Stronger sidewall construction and strong 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			-	-	-	-	1430	-
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110
14.9-24	W13	378	1250	574	3701	8	1.8	4140	2700	2210	1930	1800	1640
		14.9	49.2	22.6	145.7	128A8	26	9120	5950	4870	4250	3960	3610
11.2-38	W10	284	1459	678	4390	6	1.8	2710	1770	1450	1260	1180	1070
						114A8	26	5970	3900	3195	2775	2600	2360
						4	1.3	4050	2640	2160	1880	1760	1580
						106A8	19	8920	5810	4760	4140	3880	3480



337 DEEP LUG

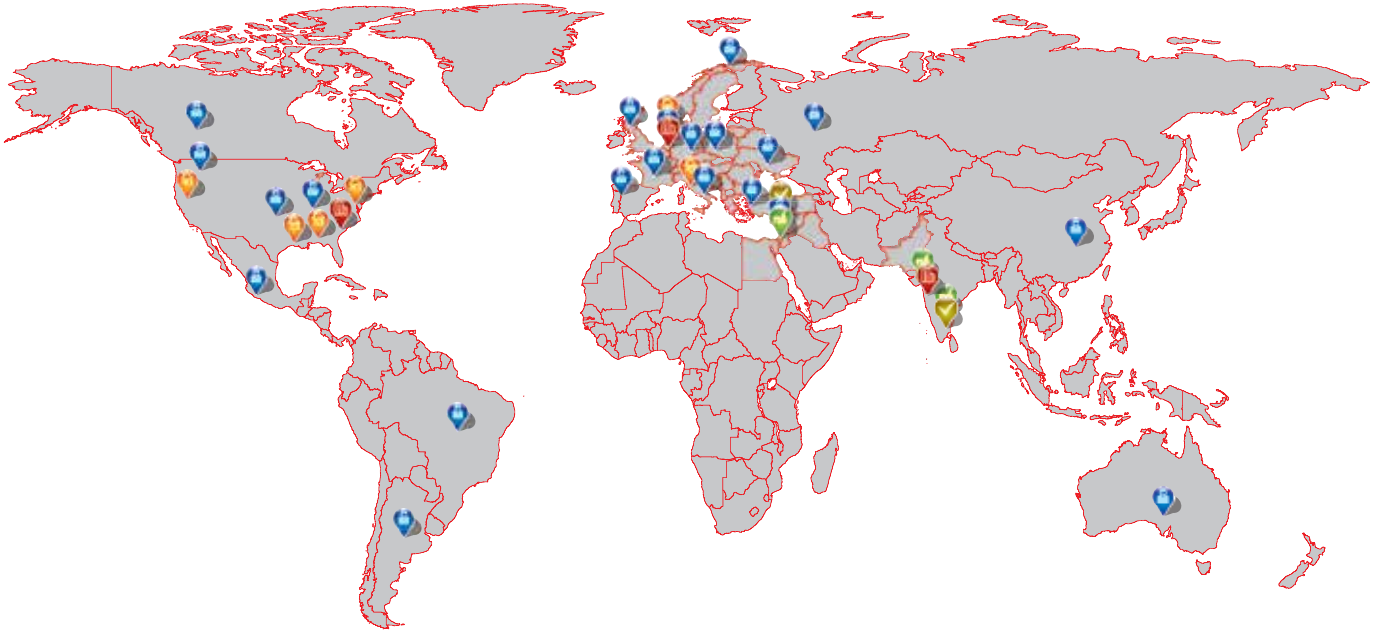
Multi angled tread pattern for on off road suitability. Stepped Lugs helps in improving traction. Superior tread compound for more life. Wide nose bar for more life on road. High NSD for improved traction. Shadow tie bar adds strength to the lugs .








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					Mixed application				
								10 (1)(2) 6	20 16	25 19	30 25	40 25
14.9-24	W13 X 24	378	1265	579	3720	8PR	1.8	2700	2430	2070	1800	1440
		14.9	49.8	22.8	146.4	128A6	26	5950	5350	4560	3960	3170
14.9-28	W13X28	378	1365	633	4070	8PR	1.8	2850	2570	2190	1900	1520
		14.9	53.7	24.9	160.2	130A6	26	6280	5660	4820	4190	3350
16.9-34	DW15LX34	429	1585	732	4730	8PR	1.7	3650	3280	2790	2430	1940
		16.9	62.4	28.8	186.2	139A6	25	8040	7220	6150	5350	4270

Limited release, available for testing.


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OFFICES:

Alliance Tire Europe BV

De Entree 59  1101 BH Amsterdam Zuidoost - The Netherlands
TEL: +31 (0)20 2184 770 • FAX: +31 (0)20 2184 771

Alliance Tire Company Ltd.

PO BOX No. 48,
Hadera, 38100 Israel.
TEL : 972 4 6240520
FAX : 972 4 6240555

ATC Tires India Pvt. Ltd.

Plot No. 53 & 27-C, 2nd Floor,
Empire Complex, Senapati Bapat Marg,
Lower Parel, Mumbai - 400013
TEL: +91 22 3957 9600
FAX: +91 22 39579699

Alliance Tire Americas Inc.

201 Edgewater Drive, Suite 285
Wakefield, MA 01880
TEL : 781-321-3910
Toll Free : 800-343-3276
FAX : 781-322-2147

Contact : info.europe@atgtire.com

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