

COMBINE HARVESTER AND SPREADERS 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 portfolio for combine harvesters and spreaders includes large volume drive wheel tyres. There are 6 tyre designs for this application including the modern Alliance AGRIFLEX (IF) and AGRIFLEX+ (VF) tyres in design 372.

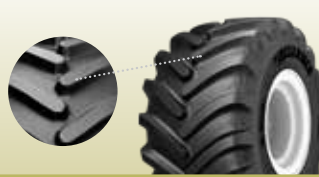
COMBINE HARVESTER

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372 AGRIFLEX / + R-1W

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375 AGRISTAR R-1W

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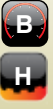
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570 HARVESTER SPECIAL R-1

COMBINE HARVESTER AND SPREADER



R-1W



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.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	PR, Stars Load Index	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	65	44	bar psi	10	15	30								
					Speed Symbol	bar psi													
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	-	-		

372 Agriflex Tractor Radial High Speed

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	PR, Stars Load Index	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	65	44	bar psi	10	15	30								
					Speed Symbol	bar psi													
IF 620/70R26*					170D														

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	PR, Stars Load Index	Infl. press	Recommended load, kg (lbs)										
		Speed, km/h (mph)								Cyclic*		CFO*						
		Not high and sustained torque; Road transport								Cyclic*		CFO*						
		SW	OD					mm in	mm in	mm in	mm in	Speed Symbol	bar psi	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
6	9	12	44	bar psi	10	15	30											
IF 420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970	-	2900	2640	2	4495	-	-	
	W14	17.6	56.6	25	167.8		23	8000	7140	6540	-	6390	5810	29	9900	-	-	
IF 600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130	-	5000	4550	3	7750	-	-	
	DW20B	24.6	61.4	27.4	181		35	13770	12290	11300	-	11010	10020	44	17070	-	-	
IF 600/70R30	DW20	615	1610	720	4770	159D	1.6	5470	4890	4480	-	4375	3980	2	6781	-	-	
							23	12050	10770	9870	-	9640	8770	29	14940	-	-	
							2.4	6440	5750	5280	-	5150	4690	3	7983	-	-	
		24.2	63.4	28.3	187.8	165D	35	14190	12670	11630	-	11340	10330	44	17580	-	-	
IF 1250/50R32*						201A8												
IF 520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590	-	5450	4960	3	8448	-	-	
		21.3	72.8	32.8	215.8		35	15000	13410	12310	-	12000	10930	44	18610	-	-	
IF 520/85R42	DW16L	540	1955	879	5865	169D	2.4	7250	6480	5950	-	5800	5280	3	8990	-	-	
		21.3	77	34.6	230.9		35	15970	14270	13110	-	12780	11630	44	19800	-	-	
IF 710/70R42	DW25B	745	2062	929	6114	179D	2.4	9690	8650	7940	-	7750	7050	3	12013	-	-	
		29.3	81.2	36.6	240.7		35	21340	19050	17490	-	17070	15530	44	26460	-	-	
IF 710/65R46*						183D												

372 Agriflex CFO

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	PR, Stars Load Index	Infl. press	Recommended load, kg (lbs)										
		Speed, km/h (mph)								Cyclic*		CFO*						
		Not high and sustained torque; Road transport								Cyclic*		CFO*						
		SW	OD					mm in	mm in	mm in	mm in	Speed Symbol	bar psi	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
6	9	12	44	bar psi	10	15	30											
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
600/65R28 IF CFO	DW21B W18L	606	1485	666	4481	160D	2.4	5630	5030	4610	-	4500	4100	-	-	-	6975	5850
		23.9	58.5	26.2	176.4		35	12400	11080	10150	-	9910	9030	-	-	-	15360	12890
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
							58	31670	28280	25970	-	25330	23060	-	-	-	39270	32930
							3.2	12500	11170	10250	-	10000	9100	-	-	-	15500	13000
		34.8	74.4	33.3	222.4	188D	46	27530	24600	22580	-	22030	20040	-	-	34140	28630	
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
		32.3	82.1	36.5	240.2	187A8	41	26850	23990	22000	21480	-	-	-	-	33290	27920	
IF 900/60R38 CFO	DW30B DW31B	880	2035	897	6011	184A8	2.4	11250	10050	9230	9000	-	8190	-	-	-	13950	11700
		34.6	80.1	35.1	236.7		35	24780	22140	20330	19820	-	18040	-	-	-	30730	25770
IF 580/85R42 CFO	DW20B	595	2040	918	6065	178D	2.8	9380	8380	7690	-	7500	-	-	-	-	11625	9750
		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

R-1W



MULTISTAR 376

MULTISTAR 376 Super Volume Series is dedicated to work on High Power Tractors, Combine harvesters, Big Wagons, Spreaders and Sprayers. Specific tread pattern and tyre construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and sufficient self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tyre dimensions, high puncture protection and huge tyre to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and together with durable sidewall compound contributes to longer 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	
																		Low Torque	High Tor
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6					
750/50R26	DW25B	751	1420	642	4260	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010		
	DW23B	29.6	55.9	25.3	167.7	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440		
1050/50R32	36VA	1050	1870	833	5686	185A8	3.2	13880	12400	10270	9900	9530	9250	8930	8500	3.8	15730		
		41.3	73.6	32.8	223.9	182D	46	30570	27310	22620	21810	20990	20370	19670	18720	56	34650		
680/85R32	DW21B	660	1960	882	5823	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750		
		26	77.2	34.7	229.3		46	24780	22140	18350	17690	17030	16520	16520	-	56	28080		
900/60R32	DW27B DW28B DW30B	865	1898	852	5640	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070		
		35	23460	20950	18520		18000	17510	17110	16430	15640	42	26590						
		34.1	74.7	33.5	222		182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830	
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870		

376 Tractor

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	
																		Low Torque	High Tor
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6					
900/60R32	DW27B	865	1898	852	5640	176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600		
		35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740							
		34.1	74.7	33.5	222	182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920		
1050/50R32	36VA	1050	1870	833	5686	178A8	2.4	17250	11250	8330	8030	7500	6830	6300	10500	9000	8030		
		35	38000	24780	18350	17690	16520	15040	13880	23130	19820	17690							
		41.3	73.6	32.8	223.9	185A8	3.2	21280	13880	10270	9900	9250	8930	8500	12950	11100	9900		
						182D	46	46870	30570	22620	21810	20370	19670	18720	28520	24450	21810		
620/70R46	DW20B	620	2060	940	6140	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080		
		24.4	81.1	37	241.7	162A8	23	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190		



AGRISTAR 375

AGRISTAR 375 series is dedicated for applications on combine harvesters, 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.



Combine Harvester

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Inf. Press.	Recommended load, kg (lbs)										Inf. Press. bar psi	Cyclic Loading 10 6
		SW	OD					Speed, km/h (mph)											
								Combine/Harvester low torque application											
								10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40				
1000/50R25	36.0TH-1.5	1065	1660	753	5068	172A8/166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710		
		41.9	65.4	29.6	199.5		35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590		
620/75R26	DW20B	625	1595	727	4736	166A8	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010		
	DW20A	24.6	62.8	28.6	186.5	/166B	44	17510	15640	12950	12490	12030	11670	11670	-	52	19850		
	DW18L																		
1050/50R32	36VA	1030	1906	871	5667	180A8	2.2	12000	10720	8880	8560	8240	8000	-	2.6	13600			
		40.6	75	34.3	223.1		32	26430	23610	19560	18850	18150	17620	-	38	29960			
650/75R32	DW21B	650	1830	836.4	5442	172A8/172B	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710		
		25.6	72	32.9	214.3		46	20810	18590	15400	14850	14300	13880	13880	-	56	23590		
800/65R32	DW27A	812	1856	836	5472	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.88	10710		
		32	73.1	32.9	215.4	172B	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590		
800/70R32	DW27A	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730		
	DW27A	30.7	76.2	34.5	224.6	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840		
	DW25																		
900/60R32	DW27B DW28B DW30B	910	1905	844	5700	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070		
						176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590		
		35.8	75	33.2	224.4	182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830		
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870		
900/75R32	DW30B DH31H	940	2155	963	6394	190A8	3.2	15900	14200	11770	11340	10920	10600	-	3.8	18020			
		37	84.8	37.9	251.7		46	35020	31280	25930	24980	24050	23350	-	56	39690			
620/75R34	DW20A DW18A	610	1820	828	5399	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200		
		24	71.7	32.6	212.6	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470		
710/75R34	DW23A DW21A MW23A	720	1945	880	5750	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750		
		28.3	76.6	34.6	226.4	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080		



375 VF

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										Press.		Load					
		SW	OD					mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi
800/65R32 VF	DW27B	805	1850	808	5435	181D	2	8840	8250	8250	-	8250	7510	-	-	10970	9160		
		31.7	72.8	31.8	214		29	19470	18170	18170	-	18170	16540	-	-	24170	20170		

375 Tractor

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommended load, kg (lbs)										
		Speed, km/h (mph)										Field operation						
		Not high and sustained torque; Road transport										Low Torque		High Tor				
		SW	OD					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
1000/50R25	36.0TH-1.5	1065	1660	753	5068	172A8/166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710	
		41.9	65.4	29.6	199.5	35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590		
620/75R26	DW20B DW20A DW18L	625	1595	727	4736	166A8/166B	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010	
		24.6	62.8	28.6	186.5	44	17510	15640	12950	12490	12030	11670	11670	-	52	19850		
1050/50R32	36VA	1030	1906	871	5667	180A8	2.2	12000	10720	8880	8560	8240	8000	-	-	2.6	13600	
		40.6	75	34.3	223.1	32	26430	23610	19560	18850	18150	17620	-	-	38	29960		
650/75R32	DW21B	650	1830	836.4	5442	172A8/172B	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710	
		25.6	72	32.9	214.3	46	20810	18590	15400	14850	14300	13880	13880	-	56	23590		
800/65R32	DW27A	812	1856	836	5472	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.88	10710	
		32	73.1	32.9	215.4	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590		
800/70R32	DW27A DW27A DW25	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730	
		30.7	76.2	34.5	224.6	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840		
900/60R32	DW27B DW28B DW30B	910	1905	844	5700	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070	
		35.8	75	33.2	224.4	176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590	
		182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830					
		185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870					
900/75R32	DW30B DH31H	940	2155	963	6394	190A8	3.2	15900	14200	11770	11340	10920	10600	-	-	3.8	18020	
		37	84.8	37.9	251.7	46	35020	31280	25930	24980	24050	23350	-	-	56	39690		
620/75R34	DW20A DW18A	610	1820	828	5399	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200	
		24	71.7	32.6	212.6	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470	
710/75R34	DW23A DW21A MW23A	720	1945	880	5750	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750	
		28.3	76.6	34.6	226.4	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080	



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 increased 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.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommended load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Combine/Harvester low torque application										Inf. Press.	Cyclic Loading
								10	15	25	30	35	40	50	65	bar	psi		
mm in	mm in	mm in	mm in	mm in	mm in	bar	psi	6	9	16	19	22	25	31	40	bar	psi		
800/65R32	DW27	800	1850	825	5485	181A8	3.6	12380	11390	9160	8830	8500	8250	7510	-	4.3	14030		
		31.5	72.8	32.5	215.9	178B	52	27270	25090	20180	19450	18720	18170	16540	-	63	30900		

360 Combine Harvester - IMP

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Inf. press.	Recommended load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling					Drive wheel				
									10	25	30	40	Cyclic	10	25	30	40	Cyclic
mm in	mm in	mm in	mm in	mm in	mm in	bar	psi	6	16	19	25	Cyclic	6	16	19	25	Cyclic	
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010
	W18L	22	58.5	26.4	174.1	-	156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640

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)						Field operation			
								Not high and sustained torque; Road transport						Low Torque			High Tor
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19
28LR26	DW25A DW23A	751 29.6	1623 63.9	730 28.7	4778 188.1	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
						155B	1.7	21540	14050	10400	10020	9360	8520	13110	11230	10020	
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	360	5670	
						163B	3.5	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	4.4	32930	21480	15900	15330	14320	13040	20040	17180	15330	
620/75R26	DW20B	625 24.6	1590 62.6	716 28.2	4685 184.4	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830	
						164B	4.6	27620	18020	13330	12840	12000	11010	16810	14410	12840	
750/65R26	DW25A DW23A	751 29.6	1623 63.9	730 28.7	4778 188.1	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550	
						155B	1.7	21540	14050	10400	10020	9360	8520	13110	11230	10020	
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670	
						163B	3.5	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	4.4	32930	21480	15900	15330	14320	13040	20040	17180	15330	
540/65R28	W16 W15L	550 21.7	1413 55.6	637 25.1	4166 164	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460	
						134B	1.7	11650	7600	5620	5420	5070	4600	7090	6080	5420	
24.5R32	DW21A DW20A	622 24.5	1800 70.9	801 31.5	5264 207.2	**											
						159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						156B	2.3	22160	14450	10700	10310	9640	8770	13500	11560	10310	
30.5LR32	DH27 DW27A	775 30.5	1820 71.7	809 31.9	5319 209.4	**	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830	
						167A8	2.3	27620	18020	13330	12840	12000	10930	16810	14410	12840	
						164B											
						***	2	13800	9000	6660	6420	6000	5460	8400	7200	6420	
						Reinforced rim	29	30400	19820	14670	14140	13220	12030	18500	15860	14140	
						170A8											
						167B											
						Reinforced rim	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						173A8	3.5	32930	21480	15900	15330	14320	13040	20040	17180	15330	
						170B											
Reinforced rim	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030							
178A8	4.5	38000	24780	18350	17690	16520	15040	23130	19820	17690							
175B																	
650/75R32	DW21A DW20A	625 24.6	1800 70.9	801 31.5	5264 207.2	172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740	
						172B	4.6	31920	20810	15400	14850	13880	13880	19430	16650	14850	
600/65R38	W18L W16L	591 23.3	1745 68.7	795 31.3	5179 203.9	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290	
						144B	1.7	15570	10150	7510	7250	6770	6170	9490	8130	7250	
650/65R38	DW20A	645 25.4	1835 72.2	830 32.7	5422 213.5	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						151B	1.7	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030	
						175B	5.1	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	2.8	26850	17510	12950	12490	11670	10620	16340	14010	12490	
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960	
						170B	3.9	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	
						167B	4.6	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)								
		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	
480/65R24	W15	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190
	W14L	18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030
600/65R28	W18L W16L	591	1480	655	4390	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	560	1486	662	4349	153A8	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190
	W18L	22	58.5	26.1	171.2	150D	35	8480	8740	8080	7750	7380	6720	44	12560	11430
650/75R32	DW21A	625	1800	801	5403	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770
	DW20A	24.6	70.9	31.5	212.7	175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520
800/65R32	DW27B DH25B DH27B	800	1850	825	5485	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
Reinforced Rim						147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770
540/65R38	W16L	550	1675	767	4987	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510
	W18L	21.7	65.9	30.2	196.3	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530
650/65R38	DW20A	645	1835	733	5009	171D	51	15570	16060	14820	14230	13550	12330	63	23040	20990
		25.4	72.2	28.9	197.2	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220
710/70R38	DW23A	716	1948	877	5739	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

R-1



YIELD MASTER 349

YIELD MASTER 349 is constructed with robust nylon casing and a strong bead to guard the tyre against mechanical failures under tough working environments. This is a premium bias R-1 harvester tyre. The 23° lug angle enables high overall traction and even wear. This saves time and fuel in the field. The close lug spacing of the tyre reduces vibration. The tyre's long tread bar design leads to even wear of tyre and enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)	
		SW	OD						Speed, km/h (mph)	
		mm in	mm in				mm in	mm in	Speed Symbol	bar psi
23.1-26	DW20B	592	1605	722	4730	14PR	-	2	4280	4000
		23.3	63.2	28.4	186.2		-	29	9430	8810
28L-26	DW25A	725	1630	725	4767	12PR	-	1.4	3350	-
		28.5	64.2	28.5	187.7		-	20	7380	-
30.5L-32	DW27A	775 30.5	1845 72.6	827 32.6	5421 213.4	12PR	-	1.4	-	4240
							-	20	-	9350
						16PR	166A6	1.7	-	5300
						18PR	170A6	2.1	-	6000
						30	-	13220		



570 HARVESTER SPECIAL






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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Free rolling					Drive Wheel				
		mm in	mm in					10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
500/70R24 IMP	W16L	495	1312	569	3779	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	148.8	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4164	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	163.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4624	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	182	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370

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