

INDUSTRIAL AND CONSTRUCTION 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 tyres for industrial and construction machineries are available in both in radial and diagonal construction. These tyres are designed to perform well in varying terrain conditions. Sizes and tread designs available in the range are suitable for machines such as backhoe loader, compact wheel loader, telescopic handler, skid steer loaders, industrial tractors and many more.



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SKID STEER



R-4



550 MULTIUSE

The Alliance 550 Multiuse Steel Belted R4 Industrial Tractor tyre has been developed for specific applications on Skidsteer and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machines). The pattern can also be used in agricultural applications because of its versatile tread design. Specific block tread design enables high performance on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and high rubber to void tread ratio, enable long tread life and low rolling resistance during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure in addition to the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Constant load				
								Static	10 6	25 16	30 19	40 25
265/70R16.5 (10R16.5)	8.25	264 10.4	773 30.4	349 13.7	2345 92.3	130A2	4 58	3000 6610	1900 4190	1370 3020	1290 2840	1250 2750
305/70R16.5 (12R16.5)	9.75	304 12	832 32.8	374 14.7	2469 97.2	141A5	4 58	3610 7950	2780 6120	2575 5670	2500 5510	1800 3960



SK-906

The Alliance 906 Skid Steer tyre has deep open shoulders for good traction in soft soils and features a solid centre for extended wear on hard surfaces. It's flat profile tread design is built from high abrasion resistant compound and features a rim shield protector and a heavy sidewall.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in				mm in	mm in	bar psi
10-16.5	8.25x16.5	260 10.2	768 30.2	355 14	2290 90.2	8	4.1	1880	4140
							60	2135	4710
						10	5.2	2180	4810
							75	2540	5600
12-16.5	9.75x16.5	302 11.9	825 32.5	384 15.1	2527 99.5	8	3.4	2865	6320
							50	2540	5600
						10	4.5	2865	6320
							65	2865	6320
12	5.5	2865	6320						
	80	2865	6320						

R-4



SK-903

Alliance 903 is a specialized tyre developed for Skidsteer application. The open and deep shoulders are designed for traction on loose off-road surfaces. The flatter radius of the tyre improves the wear resistance. The grooves between the lugs results in excellent self –cleaning.



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					Static	1 1	5 3	10 6
10x16.5NHS	8.25	260	773	356	2351	8PR	4.1	2970	-	-	1880
		10.2	30.4	14	92.6		60	6545	-	-	4140
						10PR	5.2	3375	-	-	2135
							75	7440	-	-	4710
12x16.5NHS	9.75	307	831	380	2510	10PR	4.5	4015	-	-	2540
		12.1	32.7	15	98.8		65	8850	-	-	5600
						12PR	5.5	4525	-	-	2865
							80	9990	-	-	6320

BACKHOE LOADERS



R-4



BACKHOE



TELEHANDLER



580

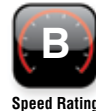
Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection.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



Steel Belted



On & Off Road



Speed Rating



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load					Cyclic Applications			
								mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19
440/80R24 (16.9R24) IND	DW14L															
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200	
	14	17.7	51.5	23.3	152.2	161 B	58	21390	12730	11300	10900	10190	10190	15290	13660	
460/70R24 (17.5LR24) IND	TW14L															
	DW15L															
	DW14L															
500/70R24 (19.5LR24) IND	DW16L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
	14	18.2	49.2	22.3	145.7	159 B	58	22160	12050	10700	10310	9640	9640	14450	12910	
	16															
440/80R28 (16.9R28) IND	TW14L															
	DW16L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.9	51.5	23.4	152.6	164 B	58	25330	13770	12220	11780	11010	11010	16520	14760	
500/70R28 (19.5LR28) IND	16															
	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360	
	DW15L	18.1	55.5	25.3	164.7	156 B	46	20260	11010	9780	9430	8810	8810	13220	11810	
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	
	IND															



570

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

570 RADIAL



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	30 19
19.5LR24	W16L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
	W15L	19.5	52	23.6	154	146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
						156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
	W14L	17.5	49	22.2	145	147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
						156B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810

570 DIAGONAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	30 19
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L	445	1250	573	3727	12PR	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

570 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Transport				Loading				
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	Static	10 6	30 19	40 25	50 31
405/70R20 EM	13	421 16.6	1080 42.5	495 19.5	3217 126.7	143B 155A2	3.75 54	3870 8520	3520 7750	3160 6960	2970 6540	2725 6000	6200 13660	5040 11100	4380 9650	3875 8540

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommend load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Static	10 6	30 19	40 25	50 31	60 37	70 44	80 50	90 56
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	Static	10 6	30 19	40 25	50 31
405/70R20 MPT	13	421 16.6	1080 42.5	492 19.5	3217 126.7	136G	4 58	4030 8880	3360 7400	2800 6170	2580 5680	2510 5530	2460 5420	2400 5290	2330 5130	2240 4930



239

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



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

R-4



BACKHOE



TELEHANDLER



550 MULTIUSE

The Alliance 550 Multiuse Steel Belted R4 Industrial Tractor tyre has been developed for specific applications on Skidsteer and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machines). The pattern can also be used in agricultural applications because of its versatile tread design. Specific block tread design enables high performance on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and high rubber to void tread ratio, enable long tread life and low rolling resistance during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure in addition to the most efficient puncture protection.



Special Compound



Steel Belted



On & Off Road



Speed Rating



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Constant load								Cyclic Applications	
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
	DW15L																
	DW14L																
460/70R24 IND (17.5LR24)	DW16L	460	1250	568	3785	159A8	4	10060	5470	4860	4680	4375	4375	—	6560	5860	
	14	18.1	49.2	22.4	149	159B	58	22160	12050	10700	10310	9640	9640	—	14450	12910	
	16																
	TW14L																
500/70R24 IND (19.5LR24)	DW15	505	1308	591	3923	164A8	4	11500	6250	5550	5350	5000	5000	—	7500	6700	
	DW16	19.9	51.5	23.3	154.4	164B	58	25330	13770	12220	11780	11010	11010	—	16520	14760	
480/80R26 IND (18.4R26)	DW15	483	1425	645.5	4268	160A8	3.2	10350	5630	5000	4820	4500	4500	—	6750	6030	
	DW16	19	56.1	25.4	168	160B	46	22800	12400	11010	10620	9910	9910	—	14870	13280	



325 TOUGHTRAC

Alliance 325 ToughTrac tyre is designed for heavy duty applications, especially for compact machinery, specially designed directional aggressive tread pattern and flat stable crown provide good resistance to shock and perforation due to extra thick sidewall and under tread.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		Mixed application										
		mm in	mm in					mm in	mm in	mm in	Bar psi	Static
280/80-18	W9	282	905	411	2681	132A8	4	4600	2500	2120	2080	2000
		11.1	35.6	16.2	105.6	58	10140	5510	4675	4585	4410	
340/80-20	11	340	1045	473	3088	145A8	5.6	6670	3625	3075	3015	2900
		13.4	41.1	18.6	121.6	81	14705	7992	6779	6647	6393	
400/80-24	DW13	404	1250	568	3725	144A8	4	6440	3500	2970	2910	2800
		15.9	49.2	22.4	146.7	58	14190	7710	6540	6410	6170	
440/80-24	DW14L	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
		15.9	49.2	22.4	146.7	73	24100	13100	11110	10890	10470	
440/80-24	DW14L	460	1328	603	3933	168A8	5	12880	7000	5940	5820	5600
		18.1	52.3	23.7	154.8	73	28370	15420	13080	12820	12330	



BACKHOE TELEHANDLER



533

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



Speed Rating



Special Compound



On & Off Road



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive wheel			
		mm in	mm in						10 6	25 12	30 19	40 25	10 6	20 12	30 19	40 25
15.5/80-24	W12 W13 W14L	394 15.5	1262 49.7	552 21.7	3652 143.8	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390
							150A8	36	10660	9430	8265	7440	7530	6650	5840	5260
							142A6									
							138A8									
	12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610					
		154A8	44	11720	10350	9090	8170	8240	7290	6390	5750					
		145A6														
		142A8														
	16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110					
		159A8	58	13850	12250	10740	9670	9800	8660	7600	6850					
		151A6														
		147A8														
16.5/85-24	W13 W14L W15L	417 16.4	1320 52	580 22.8	3831 150.8	12	162A6	2.7	6130	5420	4750	4280	4320	3820	3350	3020
							158A8	39	13500	11940	10460	9430	9520	8410	7380	6650
							150A6									
							146A8									
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	12	163A6	2.8	6290	5560	4875	4390	4450	3930	3450	3110
							159A8	41	13850	12250	10740	9670	9800	8660	7600	6850
							151A6									
							147A8									

533 (HEAVY DUTY)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Speed, km/h (mph)														
		Industrial Use					Agricultural Use									
		Inf.	Constant load				Cyclic Applic		Infil.	Road Transport			Field			
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
						8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L W16L	495 19.5	1314 51.7	580 22.8	3823 150.5	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
						151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
						36	9910	9090	11170	9090	32	9070	6770	6170	7250	
16.9-30	W15L W14	440 17.3	1470 57.9	664 23.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900
						14PR	3.1	4360	4000	4920	4000	2.8	4120	3075	2800	3290
						156A8	45	9600	8810	10840	8810	41	9070	6770	6170	7250

E-2



302

Alliance 302 Industrial Implement tyre is a heavy duty implement tyre for industrial application and for all types of hard services. It has good selfcleaning ability, as well as high traction, which makes this tread design suitable for all kind of off road applications. Its strong nylon carcass ensures full power transmission as well as good resistance to cuts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Agricultural Use		Field						
		Industrial Use					Agricultural Use			Road Transport		Field				
		Infl. bar psi	Constant load 20 12				40 25	Cyclic Applic 20 12	40 25	Infl. Bar psi	20 12	40 25	50 31	10 6		
14.9-28	W13 W12	378 14.9	1343 52.9	606 23.9	3962 156	8	2.1	2730	2500	3080	2500	1.8	2550	1900	1730	2030
						140A8	30	6010	5510	6780	5510	26	5620	4190	3810	4470
						12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
						12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Off-the road				Hard Improved Surfaces					
		Recommended load, kg (lbs)								Recommended load, kg (lbs)						
		Speed, km/h (mph)					Speed, km/h (mph)				Speed, km/h (mph)					
		Infl. bar psi	Static				5 3	10 6	25 16	Infl. bar psi	Static	5 3	10 6	25 16		
15.5-25	12	394	1277	564	3720	12PR	4	8960	6330	5600	4760	4.8	10080	8120	7560	7000
L2	12SDC	15.5	50.3	22.2	146.5	168A2	58	19740	13940	12330	10480	70	22200	17890	16650	15420

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Recommended load, kg (lbs)									
		Speed, km/h (mph)								Agricultural Use		Field				
		Industrial Use					Agricultural Use			Road Transport		Field				
		Infl. bar psi	Constant load 15 9				20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34		
15.5-25	12	394	1277	564	3720	12PR	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150
E2	12SDC	15.5	50.3	22.2	146.5	149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel Load index Speed Sym	Infl. press. bar psi	Recommend load, kg (lbs)									
		Speed, km/h (mph)								Agricultural Use		Field						
		Free rolling							Drive Wheel				Road Transport		Field			
		10 6	25 16						40 25	50 31	10 6	25 16	40 25	50 31				
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	10PR	159A6	2.3	5640	4990	4375	3940	3970	3510	3075	2770		
							156A8	33	12420	10990	9640	8680	8740	7730	6770	6100		
							147A6											
							144A8											



321

Alliance 321 Construction Machinery tyre is designed for tough on/off road requirements of modern compact construction machinery and equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to cuts and abrasions















Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000
12.5/80-18	9	308	987	440	2890	10	3.1	4510	2530	2130	2010	1920	1850	1790	1730	1700
						126 B	45	9930	5570	4690	4430	4230	4070	3940	3810	3740
	11	12.1	38.9	17.3	113.8	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850
						129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070

321 (HEAVY DUTY)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
12.5/80-18 HD	9	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850
	11	12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070

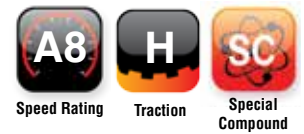
321

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling					Drive Wheel									
				10 6	25 16		40 25		50 31	10 6	25 16	40 25	50 31					
10.5/80-18	9	277	910	410	2683	10	131A8	 	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
		10.9	35.8	16.1	105.6		127 B		54	6010	5110	4300	3880	4190	3570	3000	2690	
							119A8											
							115 B											
12.5/80-18	9	308	987	440	2891	10	139A8	 	3.1	3400	2890	2430	2190	2380	2020	1700	1530	
							134 B		45	7490	6370	5350	4820	5240	4450	3740	3370	
							126A8											
	11	12.1	38.9	17.3	113.8	12	123 B	 	3.7	3710	3150	2650	2390	2590	2200	1850	1670	
							142A8		54	8170	6940	5840	5260	5700	4850	4070	3680	
							129A8											
						125 B												
10.5-20	9	270	955	433	2827	10	133A8	 	3.75	2880	2450	2060	1850	2030	1730	1450	1310	
							129 B		54	6340	5400	4540	4070	4470	3810	3190	2890	
							121A8											
							118 B											
12.5-20 NHS	11	325	1040	475	3093	12	138A8	   	3.5	3710	3150	2650	2390	2590	2200	1850	1670	
							134 B		51	8170	6940	5840	5260	5700	4850	4070	3680	
							125A8											
							122 B											



500

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



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

TELEHANDLERS





580

Alliance 580 Agro Industrial Radial Industrial Tractor tyre is built with unique tread pattern that enables positive traction performance on soft surfaces, as well as comfort on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloping terrains, and high level of puncture protection. This tyre, because of its central lug design, is well suited for both on and off road, hence it's also a good tyre for multi-purpose transportation. The tyres' long tread life and low tread wear are attributed to its unique tread design and durable tread rubber compound.

580 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
340/80R20MPT	11	343	1052	492	3216	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126.6		65	9630	8040	6700	6150	5990	5880	5730	5570	5350
425/75R20MPT	13	427	1138	516	3423	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	134.8		58	12490	10420	8680	7970	7780	7640	7420	7220	6940

580

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
280/80R18 (10.5R18) IND	W9	282	905	412	2685	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W8	11.1	35.6	16.2	105.7	132 B	58	10130	5510	4890	4710	4410	4410	6610	5900
	W10						1.6	2690	1460	1300	1250	1170	1170	1760	1570
340/80R18 (335/80R18) (12.5R18) IND	11														
	12														
	11SDC	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12SDC	13.8	39.4	17.7	116.9	143 B	58	13810	7510	6650	6430	6000	6000	9010	8040
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060		
	W8	11.1	37.6	17.2	112	133 B	58	10440	5680	5040	4850	4540	4540		
	W10														

580

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31
380/75R20 (14.5R20) IND	W12														
	W11	380	1078	487	3185	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	11	15	42.4	19.2	125.4	148 B	58	15970	8680	7710	7420	6940	6940	10420	9300
400/70R20 IND	12														
	W13														
	W12	410	1072	485	3168	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	12SDC	16.1	42.2	19.1	124.7	149 B	58	16480	8940	7950	7670	7160	7160	10750	9600
425/75R20 (16.5R20) IND	13SDC														
	W14L														
	13					154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11					154 B	58	19010	10330	9160	8830	8260	8260	12400	11080
405/70R24 IND	12SDC	420	1138	511	3434										
	13SDC	16.5	44.8	20.1	135.2	160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	14					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
440/80R24 (16.9R24) IND	13	402	1177	537	3562	152A8	4	8170	4440	3940	3800	3550	3550	5330	4760
	12	15.8	46.3	21.1	140.2	152B	58	18000	9780	8680	8370	7820	7820	11740	10480
	DW14L														
460/70R24 (17.5LR24) IND	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	14	17.7	51.5	23.3	152.2	161 B	58	21390	12730	11300	10900	10190	10190	15290	13660
	TW14L														
500/70R24 (19.5LR24) IND	DW16L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	14	18.2	49.2	22.3	145.7	159 B	58	22160	12050	10700	10310	9640	9640	14450	12910
	16														
480/80R26 (18.4R26) IND	TW14L														
	DW16L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.4	152.6	164 B	58	25330	13770	12220	11780	11010	11010	16520	14760
440/80R28 (16.9R28) IND	16														
	DW15	489	1423	642	4240	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
	DW16	19.3	56	25.3	166.9	160 B	46	22800	12400	11010	10620	9910	9910	14870	13280
500/70R28 (19.5LR28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156 B	46	20260	11010	9780	9430	8810	8810	13220	11810
	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
500/70R28 (19.5LR28) IND	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760



570

Alliance 570 is an ideal radial tyre for industrial and construction services. Its agricultural based lug design provides excellent grip and traction on soft surfaces, while its reinforced centre line enables smooth and stable operation on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection. Flat tread based on radial tyre construction provides even pressure distribution, high productivity and optimal fuel consumption.



570

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Transport					Loading			
								10	20	30	40	50	Static	1	5	10
		mm in	mm in	mm in	mm in	Bar psi	6	12	19	25	31		1	3	6	
405/70R20	13	421 16.6	1080 42.5	495 19.5	3217 126.7	143B 155A2	3.75 54	3870 8520	3520 7750	3160 6960	2970 6540	2725 6000	6200 13660	5040 11100	4380 9650	3875 8540

570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10	20	30	40	50	60	70	80	90
								6	12	19	25	31	37	44	50	56
405/70R20 MPT	13	421 16.6	1080 42.5	492 19.5	3217 126.7	136G	4 58	4030 8880	3360 7400	2800 6170	2580 5680	2510 5530	2460 5420	2400 5290	2330 5130	2240 4930
445/70R24	DW15L DW14L W14L	445 17.5	1234 48.6	564 22.2	3670 144.5	151G	4 58	6210 13680	5180 11410	4310 9490	3970 8740	3860 8500	3800 8370	3690 8130	3590 7910	3450 7600
495/70R24	16	499 19.6	1304 51.3	588 23.1	3845 151.4	155G	4 58	6980 15370	5810 12800	4840 10660	4460 9820	4340 9560	4260 9380	4150 9140	4030 8880	3875 8540

570

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

570

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Constant load				Cyclic Applications				
								Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25	50 31
425/55R17	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	104.8	140 B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146 B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
	W15L	19.5	52	23.6	154	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153 B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L	445	1245	564	3682	145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
						142 B	36	14690	8000	6520	6390	5810	9580	6830	6390	5810
	W14L	17.5	49	22.2	145	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147 B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000						
156 B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810						

570 DIAGONAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Constant load				Cyclic Applications				
								Static	10 6	30 19	40 25	50 31	10^ 6	30 19	40 25	50 31
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L	445	1250	573	3727	12PR	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

R-1



TELEHANDLER



COMPACT
LOADER



323

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



Speed Rating



Traction

323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load , kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in						10 6	20 12	30 19	40 25	50 31
405/70-20 16.0/70-20	13	407	1076	496	3160	14	149B	3.5	5200	4030	3705	3575	3250
		16	42.4	19.5	124.4			51	11465	8885	8170	7880	7165
405/70-24 16.0/70-24	13	407	1178	546	3460	16	152B	4	5680	4400	4045	3905	3550
		16	46.4	21.5	136.2	14	152B	58	12520	9700	8915	8610	7825

COMPACT WHEEL LOADERS AND OTHER INDUSTRIAL & CONSTRUCTION



R-4



COMPACT
LOADER

BACKHOE

TELEHANDLER



580

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



Steel Belted



Special Compound



Speed Rating



Traction



On & Off Road

580

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								Constant load							
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
280/80R18 (10.5R18) IND	W9	282	905	412	2685	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
	W8	11.1	35.6	16.2	105.7	132B	58	10130	5510	4890	4710	4410	4410	6610	5900
	W10														
300/75R18						142A8									
340/80R18 (335/80R18) (12.5R18) IND	11	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	11SDC														
	12SDC														
	W10														
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760
	W8	11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080
	W10														
	11	343	1052	477	3113	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12	13.5	41.4	18.8	122.6	144B	58	14190	7710	6850	6610	6170	6170	9250	8260
340/80R20 (12.5/80R20) IND	11SDC														
	12SDC														
	W10														
	W11														

580

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	mm in	mm in	Constant load					Cyclic Applications				
						Static	10 6	25 16	30 19	40 25	50 31	10 ^A 6	15 9		
380/75R20 (14.5R20)	W12	380	1078	487	3185	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
	W11	15	42.4	19.2	125.4	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	11														
	12														
400/70R20	W13	410	1072	485	3168	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	W12	16.1	42.2	19.1	124.7	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
	12SDC														
	13SDC														
425/75R20 (16.5R20)	W14L	418	1138	512	3352	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11	16.5	44.8	20.2	132	154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	12SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
405/70R24	13	402	1177	537	3498	150A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.8	46.3	21.1	137.7	150B	58	16980	9230	8190	7890	7380	7380	11080	9890
	DW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	DW15L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
440/80R24 (16.9R24)	14														
	TW14L														
	DW15L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	DW14L	18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
460/70R24 (17.5LR24)	DW16L														
	14														
	16														
	TW14L														
500/70R24 (19.5LR24)	DW16L	505	1308	594	3876	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.4	152.6	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
	16														
480/80R26 (18.4R26)	DW15	489	1423	642	4240	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030
	DW16	19.3	56	25.3	166.9	160B	46	22800	12400	11010	10620	9910	9910	14870	13280
440/80R28 (16.9R28)	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28)	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760

R-4



COMPACT
LOADER

TELEHANDLER



606

Alliance 606 Earth Mover Radial tyre for Loader Dozer is a low section tyre for light earthmoving equipments which come in an all steel radial tyre with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of the tyre's advantages.

606



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)					bar psi	Speed, km/h (mph)			
								Static	5 3	10 6	25 16			Static	5 3	10 6	25 16
mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16				
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630	
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000	
365/70R18	11	400	1000	440	2900	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750	
	13	15.7	39.4	17.3	114.2		54	10570	7470	6610	5620	65	11890	9580	8920	8260	
405/70R18	13 13SDC																
	12																
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	W14L	17.8	42.1	18.1	120.9		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	DW14L																
11																	
12.5R20	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
	12SDC																
16/70R20	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	W14L	16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	DW14L																
11																	
335/80R20	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840	
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460	
	12SDC																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)				
		mm in	mm in	Speed, km/h (mph)				Speed, km/h (mph)									
		mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16			
365/80R20	11																
	11SDC	400	1127	493	3260	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560	
	12	15.7	44.4	19.4	128.3		54	12860	9070	8040	6830	65	14470	11650	10860	10040	
	12SDC																
405/70R20	13 13SDC																
	12																
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840	
	W14L	16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660	
	DW14L																
16/70R24	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
		17.8	48.1	21.2	139.8		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
17.5/70R24	W14L																
	13SDC																
	13	502	1299	567	3750	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	W15L	19.8	51.1	22.3	147.6		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
	DW15L																
	DW14L																
405/70R24 All Steel	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310	
		17.8	48.1	21.2	139.8		54	14980	10570	9360	7950	65	16850	13570	12640	11700	
455/70R24 All Steel	W14L																
	13SDC																
	13	473	1247	537.4	3580	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440	
	W15L	18.6	49.09	21.2	140.9		54	18150	12820	11340	9650	65	20420	16450	15310	14190	
	DW15L																
	DW14L																

606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symb	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	15 9	20 12			25 16	30 19	40 25	50 31	55 34	60 37	65 40		
		mm in	mm in	mm in	mm in											
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1900
		14.6	38.7	17.4	114.2	134B	54	5220	5130	5040	4960	4800	4670	4580	4380	4190
						130D										
365/70R18	11	400	1000	440	2900	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190
405/70R18	13															
	13SDC															
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070
	W14L															
	DW14L															
335/80R20	11															
	11SDC	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300
	12SDC															

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40	
365/80R20	11															
	11SDC	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930
	12SDC															
405/70R20	13															
	13SDC															
	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
	W14L															
	DW14L															
16/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
405/70R24	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
455/70R24	W14L															
	DW14L															
	13SDC	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
	13	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380
	W15L															
	DW15L															



550 MPT

Industrial series MULTIUSE 550 has been developed for specific applications on Industrial tractors, Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). The 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, enable 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 shield provides the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					10	20	30	40	50	60	70	80	90
250/75R16IND MPT	W8	253	781	361.5	2341	120G	4.5	2520	2100	1750	1610	1570	1540	1500	1460	1400
		10	30.7	14.2	92.2		65	5550	4630	3850	3550	3460	3390	3300	3220	3080

R-1



570

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



570

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Constant load				Cyclic Applications					
								mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31	10^ 6
425/55R17	13	425	890	395	2615	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500	
		16.7	35	15.6	102.9	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510	
19.5LR24	W16L W15L	495	1320	600	3912	154	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
							146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
							156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
							153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	145	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
							147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
							159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
							156B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
500/85R24	W16L W15L	528	1458	653	4281	179A2	171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600
							179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330

570 Diagonal

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31
400/70-20	11	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
	13	16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										



608

Alliance 608 Compact Machinery Loader Dozer CM-S tyre represents an innovative approach of compact machinery tyre design and provides complete solution for all compact machineries. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tyre's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long treads wear resistance based on massive central blocks when machine works on harder surfaces. The tyre construction includes both, all fabric and steel belted variants, answering different needs and customer's requests.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces															
		SW	OD					Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)														
								Speed, km/h (mph)					Speed, km/h (mph)														
								mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16					
365/70R18	11	360	969	444	2936	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750											
	13	14.2	38.1	17.5	115.6		54	10570	7470	6610	5620	65	11890	9580	8920	8260											
405/70R18	13	408	1025	450	3105	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560											
		16.1	40.4	17.7	122.2		54	12860	9070	8040	6830	65	14470	11650	10860	10040											
335/80R20	11	350	1044	465	3148	136B	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840											
	11SDC	13.8	41.1	18.3	123.9	147A2	54	10840	7640	6770	5750	65	12200	9820	9140	8460											
365/80R20	11	360	1092	482	3300	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560											
	11SDC						54					12860					9070	8040	6830	65	14470	11650	10860	10040			
	12						14.2					43					19	129.9									
405/70R20	12SDC																										
	13	407	1076	470	3243	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840											
	13SDC						54					13660					9650	8540	7250	65	15370	12380	11520	10660			
	12						16					42.4					18.5	127.7									
11																											
455/70R20	W14L	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940											
	DW14L						54					16740					11830	10460	8900	65	18830	15180	14120	13080			

608 Transport

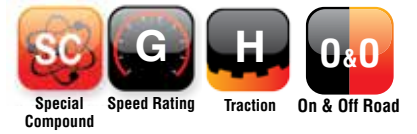
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40	
335/80R18	11															
	W10															
	W11	343	992	445	2985	136A8	3.2	2530	2440	2370	2330	2240	2040	-	-	-
	11SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490	-	-	-
365/70R18	12															
	12SDC															
	11	360	969	444	2936	135B	3.75	2440	2400	2350	2310	2250	2180	-	-	-
	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800	-	-	-
405/70R18	13															
	13SDC															
	12	407	1024	450	3105	141B	3.75	2880	2830	2780	2730	2650	2575	-	-	-
	11	16	40.3	17.7	122.2		54	6340	6230	6120	6010	5840	5670	-	-	-
365/80R20	W14L															
	DW14L															
	11															
	11SDC	360	1092	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575	-	-	-
405/70R20	12	14.2	43	19	129.9		54	6340	6230	6120	6010	5840	5670	-	-	-
	12SDC															
	13	407	1076	470	3243	143B	3.75	3050	3000	2940	2890	2810	2725	-	-	-
	13SDC	16	42.4	18.5	127.7		54	6720	6610	6480	6370	6190	6000	-	-	-



317

Alliance 317 tyre is an improved version of its previous avatar designed for applications that require high traction. It is engineered and certified with 'G' rating to provide the best performance for on and off road services in tough weather conditions. The tyre provides excellent traction to drive wheels and has a strong nylon carcass construction.

317 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									mm in	mm in	15 9	20 12	30 19	40 25	50 31	60 37	70 44
10.5-18	9	270	905	415	2700	10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700
		10.6	35.6	16.3	106.3			54	6190	5620	4690	4320	4190	4120	4010	3900	3740
						12	130G	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900
								65	6925	6285	5245	4830	4695	4605	4475	4355	4190
12.5-18	11	325	990	450	2940	10	128G	3	2970	2700	2250	2070	2020	1980	1930	1870	1800
		12.8	39	17.7	115.7			43	6540	5950	4960	4560	4450	4360	4250	4125	3960
						12	131G	3.5	3220	2930	2440	2240	2180	-	-	-	-
								51	7090	6450	5370	4930	4800	-	-	-	-
						16	136G	4.5	3700	3360	2800	2580	2510	2460	2400	2330	2240
								65	8150	7400	6170	5680	5530	5420	5290	5130	4930
10.5-20	9	270	955	445	2880	12	131G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950
		10.6	37.6	17.5	113.4			62	7090	6450	5370	4930	4800	4740	4600	4470	4300
12.5-20	11	325	1040	475	3090	10	129G	3	3050	2780	2310	2130	2070	2040	1980	1925	1850
		12.8	40.9	18.7	121.7			43	6720	6120	5090	4690	4560	4490	4360	4245	4070
						12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
								51	7270	6610	5510	5070	4930	4850	4710	4580	4410
14.5-20	11	355	1095	500	3260	10	132G	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
		14	43.1	19.7	128.3			36	10350	8280	6810	6080	5570	5290	5090	4980	4930
						12	136G	3	5250	4200	3450	3080	2830	2680	2580	2530	2500
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510
						14	139G	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000
16/70-20	13.SDC	407	1076	791	3200	14	145G	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
405/70-20	13	16	42.4	31.1	126			51	10550	9580	8000	7360	7160	7030	6830	6645	6390

317 Non highway application

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in	mm in	mm in		5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31				
10.5-18	9	270	905	415	2700	10	130 B	3.8	3990	3190	2620	2340	2150	2030	1960	1920	1900		
		10.6	35.6	16.3	106.3			54	8790	7030	5770	5150	4740	4470	4320	4230	4190		
12.0-18	9	294	949	420	2770	12	145A6	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580		
		11	11.6	37.4	16.5			109.1	65	15070	8460	7110	6700	6390	6190	5970	5790	5680	
12.5-18	11	325	990	415	2790	12	124 B	2	3360	2690	2210	1970	1810	1710	1650	1620	1600		
								29	7400	5930	4870	4340	3990	3770	3630	3570	3520		
								8	129 B	2.5	3890	3110	2550	2280	2090	1980	1910	1870	1850
								36	8570	6850	5620	5020	4600	4360	4210	4120	4070		
								12	135 B	3.5	4580	3660	3010	2680	2460	2330	2250	2200	2180
								51	10090	8060	6630	5900	5420	5130	4960	4850	4800		
10.5-20	9	270	955	445	2880	6	123 B	2.5	3260	2600	2140	1910	1750	1660	1600	1570	1550		
								36	7180	5730	4710	4210	3850	3660	3520	3460	3410		
								8	127 B	3	3680	2940	2420	2150	1980	1870	1800	1770	1750
								44	8110	6480	5330	4740	4360	4120	3960	3900	3850		
								10	132 B	3.8	4200	3360	2760	2460	2260	2140	2060	2020	2000
								54	9250	7400	6080	5420	4980	4710	4540	4450	4410		
12.5-20 Steel Belted	11	325	1040	475	3090	10	136 B	4.3	4580	3660	3010	2680	2460	2330	2250	2200	2180		
								62	10090	8060	6630	5900	5420	5130	4960	4850	4800		
								16	142 B	6	5570	4450	3660	3260	2990	2840	2730	2680	2650
								87	12270	9800	8060	7180	6590	6260	6010	5900	5840		
								6	130 B	2.5	3990	3190	2620	2340	2150	2030	1960	1920	1900
								36	8790	7030	5770	5150	4740	4470	4320	4230	4190		
12.5-20 Steel Belted	11	325	1040	475	3090	8	133 B	3	4330	3460	2840	2530	2330	2200	2120	2080	2060		
								44	9540	7620	6260	5570	5130	4850	4670	4580	4540		
								10	136 B	3.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								51	10350	8280	6810	6080	5570	5290	5090	4980	4930		
								12	140 B	4	5250	4200	3450	3080	2830	2680	2580	2530	2500
								58	11560	9250	7600	6780	6230	5900	5680	5570	5510		
14.5-20	11	355	1095	500	3260	10	136 B	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240		
								36	10350	8280	6810	6080	5570	5290	5090	4980	4930		
								12	140 B	3	5250	4200	3450	3080	2830	2680	2580	2530	2500
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510		
								14	143 B	3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000		
14.5-20	12	355	1095	500	3260	16	145 B	4	6090	4870	4000	3570	3280	3100	2990	2930	2900		
								58	13410	10730	8810	7860	7220	6830	6590	6450	6390		
								18	147 B	4.5	6460	5170	4240	3780	3470	3290	3170	3110	3075
								65	14230	11390	9340	8330	7640	7250	6980	6850	6770		



601 MUD & SNOW

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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load				Cyclic Applications			
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19
15.5/55R18	11	370	890	395	2598	140A8	3.5	5750	3130	2600	2500	3750	2680	2500	
		14.6	35	15.6	102.3	140B	51	12670	6890	5730	5510	5510	8260	5900	5510

R-4



BACKHOE



TELEHANDLER



533

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

533



Speed Rating



Special Compound



On & Off Road



Traction

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

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Speed, km/h (mph)					Industrial Use				Agricultural Use					
		SW	OD	Constant load			Cyclic Applic		Infil.	Road Transport			Field			
		mm in	mm in	mm in	mm in		mm in	mm in	bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14^	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L W15	467 18.4	1477 58.1	655 25.8	4310 169.7	12^	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
							36	9910	9090	11170	9090	32	9070	6770	6170	7250
16.9-30	W15L W14	440 17.3	1470 57.9	664 26.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900



MOBILE CRANE



630

Alliance 630 has been designed to meet the requirement of comfort in high-speed applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Multi-purpose application of 630 with high-speed ability on the road, as well as high traction and good self-cleaning abilities off the road, are the main characteristics of the tyres. Strong all-steel casing combined with low heat-build-up tread rubber compound enables long and efficient tyres life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	mm in	mm in	Symb.	bar psi	Static	5 3	10 6	20 12	30 19	40 25	50 31	60 40	70 44	80 50	90 56	100 62
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4470 176	177E	9 131	20810	16790	13510	10220	9490	9050	8610	7740	7300	5990	5110	4380
								45840	36980	29760	22510	20900	19930	18960	17050	16080	13190	11260	9650

EXCAVATOR





224

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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31
18-19.5	14	457	1080	495	3220	160B	6	9040	6290	5280	5090	5000	4960	4770	4590	4500
	13	18	42.5	19.5	126.8	18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150
							165B	105	22780	15840	13300	12840	12600	12490	12030	11560



225 MPT

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



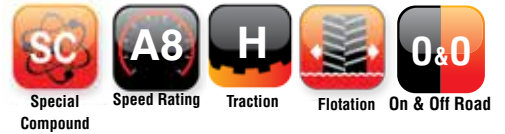
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)																						
		SW mm in	OD mm in					Speed, km/h (mph)																						
								Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31														
8.25-20ML	6.5	234	985	467	3000	12 134B	6.2	4260	2960	2480	2400	2350	2330	2250	2160	2120														
	6.50T																9.2	38.8	18.4	118.1	90	9380	6520	5460	5290	5180	5130	4960	4760	4670
	7																													
	7.00T																													
7.0T5°																														
9.00-20ML	7	256	1035	491	3150	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240														
	7.00T																10.1	40.7	19.3	124	6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500
	7.0T5°																													
	7.5																													
	7.5V																													
	7.5T5°																													
10.00-20ML	7.5	275	1065	505	3240	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575														
	7.50V																10.8	41.9	19.9	127.6	6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900
	8																													
	8.00V																													
	8.0V5°																													
	8																													
8.00V	11.5	43.1	20.4	130.7	80	12840	8940	7490	7250	7110	7050	6780	6520	6390																
8.0V5°																														
8.5																														
8.50V																														
8.5V5°																														
15-22.5ML	11.75	388	1095	508	3290	12	5	6740	4690	3930	3800	3730	3690	3560	3420	3350														
	12.25																15.3	43.1	20	129.5	73	14850	10330	8660	8370	8220	8130	7840	7530	7380
	14																													
	14B																													
	16																													
	158B																													
	22																													
	164B																													
139																														

I-3



331 HD

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

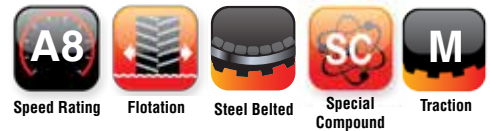


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								mm in	mm in	Static	10 6	15 9	20 12	25 16	30 19	35 22
500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750	4500	4050
		19.3	38.6	17.6	114.6	162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920
						160A8										
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3280	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
		23.6	43.3	19.9	129.1	171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
600/50-22.5	20.00DC	600	1205	547	3676	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400
		23.6	47.4	21.5	144.7	172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890
						170A8										
650/45-22.5	20.00DC	645	1170	535	3567	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220
		25.4	46.1	21.1	140.4	171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500
						169A8										
700/40-22.5	24.00DC	700	1230	559	3727	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850
		27.6	48.4	22	146.7	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890
						173A8										



380 HD

Alliance 380 HD tyre provides with up to 100 km/h transport functionality on road. It's construction, combined with specific casings construction and special rubber compound enables it to run at high speeds. Deep non-directional lug type pattern enables high mobility in field including significant traction as well as comfortable smooth run on road. Heavy duty tyres are best suited for tough applications as compared to the standard range.



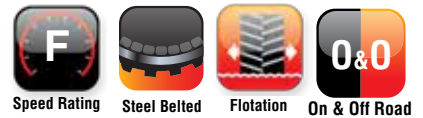
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					Mixed application							
		mm in	mm in					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
620/40R22.5	20.00DC	605 23.8	1085 42.7	491 19.3	3340 131.5	169A8	6.5	13630	8120	6900	6500	5800	5510	-	-
							94	30020	17890	15200	14320	12780	12140	-	-
							7	14450	8610	7320	6900	6150	5840	-	-
							102	31830	18960	16120	15200	13550	12860	-	-

I-2



390

Alliance 390 Heavy Duty Steel Belted tyres belong to the Agri-Transport series combining the best of flotation tyre with the best of radial construction characteristics to provide excellent performance both on and off road. MPT tyres can drive upto 100 km/h, Heavy duty tyres are best suited for tough applications as compared to the standard range.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
		mm in	mm in					mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31
600/50R22.5	20.00DC	605	1168	527.3	3450	174A8	6.5	15410	8380	7100	6970	6700	6150	-	-
Heavy Duty Industrial		23.8	46	20.8	135.8	171B	94	33940	18460	15640	15350	14760	13550	-	-

MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infl. press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
								mm in	mm in	mm in		bar psi	Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41
		500/45R22.5 MPT	AG16.00					508	1025	472	3157		6	9380	6750	-	5060	4690	4310	4200	4130
ALL STEEL		20	40.4	18.6	124.3	154F	87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680	8260			
600/50R22.5 MPT	20.00DC	585	1180	539	3510		6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300			
		23	46.5	21.2	138.2	166F	87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260	11670			

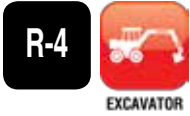


506 DUAL MASTER

Alliance 506 Dual Master tyre represents an innovative approach to dual excavator's tyre configuration. Its special sidewall construction enables close contact between two tyres excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tyres. The radial tyre construction enables long tread life, high driver comfort, lower fuel consumption and an overall productivity increase of machines. Its strong all steel carcass provides more machine stability, better puncture protection and re-treadability of tyres. The tyre's shoulder lugs provide efficient grip on softer surfaces, the reinforced centre line provide smooth and stable behaviour on harder surfaces.



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)							
		mm in	mm in					For Single tire on Dual Application							
		mm in	mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	
315/80R22.5	9	330	1098	511	3387	154A8	8.5	8810	5250	4730	4460	4200	3750	3380	
		13	43.2	20.1	133.3		123	19410	11560	10420	9820	9250	8260	7440	



528 DUAL MASTER

Alliance Dual Master 528 series represents an innovative approach to dual excavator's tyre configuration. The tyres' special sidewall construction enables close contact between two tyres excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tyres. Radial tyre construction enables long tread life, more comfortable run, low fuel consumption and an overall productivity increase of machine. Strong all steel carcass provides more machine stability, the best puncture protection and re-treadability of the tyres. The 528 tread pattern belongs to the moderate traction pattern's group, providing effective performances off and, especially, on the road applications. Shoulder lugs provide an efficient grip on soft surfaces, more rubber around center line provides smooth and stable behavior on the hard surfaces.



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)							
		For Single Application *													
		mm in	mm in					mm in	mm in	bar psi	Static	10 6	20 12	25 16	30 19
315/80R22.5	9	330	1100	512	3371	154A8	-	8.5	8810	5250	4730	4460	4200	3750	3380
		13	43.3	20.2	132.7	-	123	19410	11560	10420	9820	9250	8260	7440	



624

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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)										
		Speed, km/h (mph)						Constant Load						Cyclic Applications*				
		SW	OD					Static	5	10	25	30	35	40	5***	10**	15	
		mm in	mm in					mm in	3	6	16	19	22	25	3	6	9	
445/70R19.5	14	445	1105	497	3385	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710	
						180A2												
445/70R22.5 (18R22.5)	14	454	1195	539.2	3525	175A8	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250	
		17.9	47	21.2	138.8	182A2	109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370	

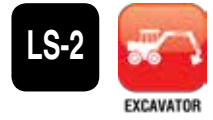


839

Alliance 839 has strong carcass construction that provides good puncture resistance & stability performance. Improved tread design gives good traction in off road condition & improved tread life. The tread pattern is designed for excellent self cleaning & smooth on & off road driving.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
9.00-20NHS	7	259	1038	487	3187	14	140B	6.9	3500	2925	2825	2775	2750	-	2650	2550	2500
		10.2	40.9	19.2	125.5			100	7715	6450	6230	6120	6060	-	5840	5620	5510
10.00-20 NHS	7.5	275	1070	493	3230	16	148B	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150
		10.8	42.1	19.4	127.2			109	13880	9720	8125	7850	7705	7640	7365	7085	6950
11.00-20NHS	8	293	1104	513	3352	16	149B	7.2	4550	3800	3675	3605	3575	-	3445	3315	3250
		11.5	43.5	20.2	132			105	10030	8375	8100	7945	7880	-	7595	7310	7165



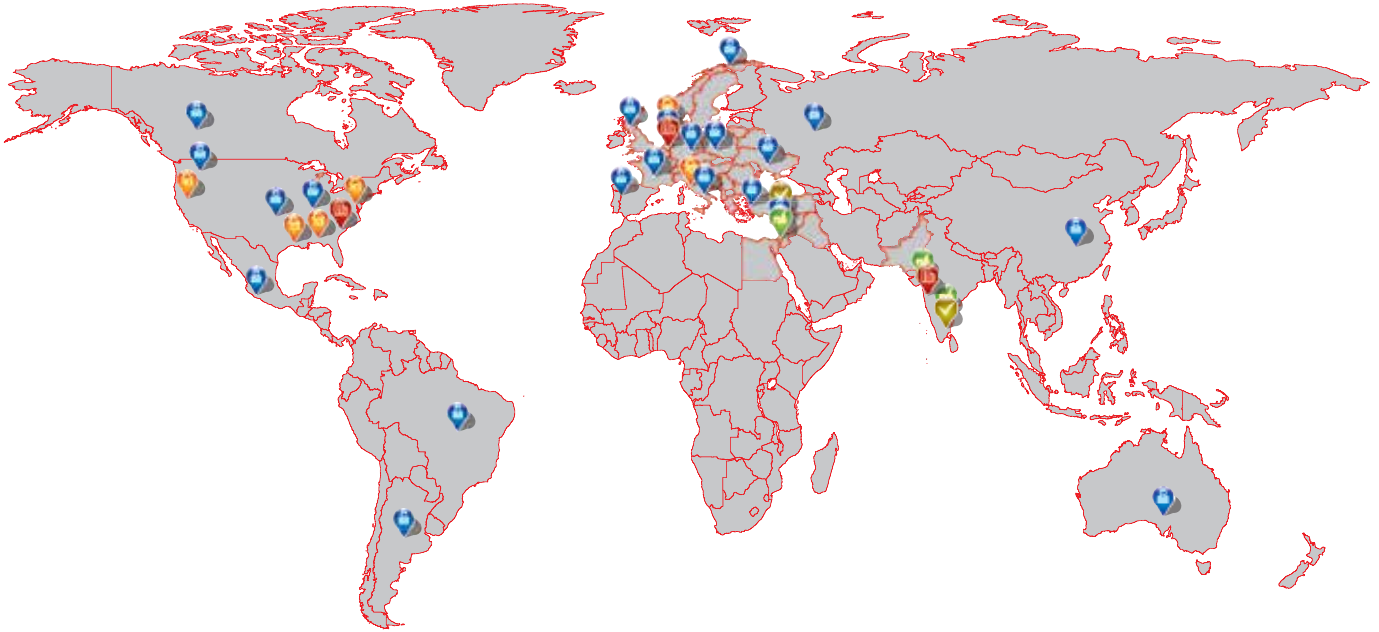
344






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



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommended load , kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Static	5 3	10 6	25 16	30 19	35 22	40 25	5*** 3	10** 6	
600/40-22.5	AG20.00	590	1090	500	3358	175A6	7	10150	9530	8180	7750	7320	6890	6520	6150	5540	
		23.2	42.9	19.7	132.2	171A8	102	22360	20990	18020	17070	16120	15180	14360	13550	12200	


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