

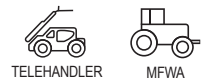
Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Inflation Pressure bar	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
								Compact Wheel Loader			
				mm in	mm in		mm in	mm in	psi	Static	5 3
335/80R18EM	11	371	984	445	2979	145A2 134B	3.75	4640	3310	2900	2320
		14.6	38.7	17.5	117.3		54	10230	7300	6390	5120
365/70R18EM	11 W11 13	400	1000	434	2902	146A2 135B	3.75	4800	3420	3000	2400
		15.7	39.4	17.1	114.3		54	10580	7540	6610	5290
405/70R18EM	13	452	1070	471	3102	153A2 141B	3.75	5840	4160	3650	2920
		17.8	42.1	18.5	122.1		54	12880	9170	8050	6440
335/80R20EM (12.5R20)	11 11SDC 12 12SDC	366	1076	468	-	147A2 136B	3.75	4920	3510	3075	2460
		14.4	42.4	18.4	-		54	10850	7740	6780	5420
365/80R20EM	11 11SDC 12 12SDC	400	1127	484	-	153A2 141B	3.75	5840	4160	3650	2920
		15.7	44.4	19.1	-		54	12880	9170	8050	6440
405/70R20EM (16/70R20)	13 13SDC 12 W14L DW14L	427	1076	479	3245	155A2 143B	3.75	6200	4420	3875	3100
		16.8	42.4	18.9	127.8		54	13670	9740	8540	6830
405/70R24EM	13 SDC13	425	1180	544	3548	158A2 146B	3.75	6800	4850	4250	3400
		16.7	46.5	21.4	139.7		54	14990	10690	9370	7500

580

R-4

SB

STEEL BELTED



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



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW	OD					Constant Load						Cyclic operation					
							mm	mm	mm	mm	Static	10 6	25 16	30 19	40 25	50 31	Static	10 6	15 9
		in	in	in	in			bar psi											
280/80R18 (10.5R18)	W9 W10	282	905	415	2776	132A8	4	4600	2500	2120	2080	2000	2000	4600	3000	-	2000	200	
		11.1	35.6	16.3	109.3	132B	58	10140	5510	4670	4590	4410	4410	10140	6610	-	4410	4410	
340/80R18IND (12.5/80R18IND)	1112 W11 W12 W10	350	1001	453	3022	143A8	4	6268	3406	2889	2834	2725	2725		4088	3652	-	-	
		13.8	39.4	17.8	119	143B	58	3823	7507	6371	6250	6008	6008	13823	9017	8047	-	-	
400/70R18IND (16.0/70R18IND)	W13 W12 13 13.00 12	410	1021	461	3073	147A8	4	7073	3844	3260	3198	3075	3075	-	4613	4121	-	-	
		16.1	40.2	18.1	121	147B	58	15593	8475	7187	7050	6779	6779	-	10170	9085	-	-	
280/80R20IND (10.5R20 IND)	W9 W8 W10	282	956	437	2846	133A8	4	4738	2575		2142	2060	2060	-	3090	2760	-	-	
		11.1	37.6	17.2	112	133B	58	10445	5677		4722	4542	4542	-	6812	6085	-	-	
340/80R20 (12.5R20)	11 W11 W10 12 12SDC	343	1052	477	3159	144A8	4	6440	3500	2968	2912	2800	2800	-	4200	3752	-	-	
		13.5	41.4	18.8	124.4	144B	58	14198	7716	6543	6420	6173	6173	-	9259	8272	-	-	
380/75R20IND (14.5/75R20IND)	12 W12 W11 W13 13SDC	380	1078	485	3121	148A8	4	7245	3938	3339	3276	3150	3150	-	4725	4221	-	-	
		15	42.4	19.1	122.9	148B	58	15972	8682	7361	7222	6945	6945	-	10417	9306	-	-	
400/70R20 (16.0/70R20)	13 W13 13SDC W12 12SDC	410	1072	485	3215	149A8	4	7480	4060	3450	3380	3250	3250	7480	4880	-	3250	3250	
		16.1	42.2	19.1	126.6	149B	58	16490	8950	7605	7451	7165	7165	16490	10758	-	7165	7165	
405/70R24IND (16.0/70R24IND)	13	404	1170	538	3521	152A8	4	8165	4438	3763	3692	3550	3231	-	5325	4757	-	-	
		15.9	46.1	21.2	138.6	152B	58	18000	9784	8295	8139	7826	7123	-	11739	10487	-	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)											
								Recommended load, kg (lbs)											
		SW mm in	OD mm in	mm in	mm in			Constant Load						Cyclic operation					
							Static	10 6	25 16	30 19	40 25	50 31	Static	10 6	15 9	40 25	50 31		
						bar psi													
440/80R24 (16.9R24)	DW14L WD15L TW14L	449	1309	591	3974	161A8	4	10640	5780	5040	4810	4625	4625	-	5630	5030	-	-	
		17.7	51.5	23.3	156.5	161B	58	23460	12740	11110	10600	10200	10200	-	12410	11090	-	-	
460/70R24 (17.5LR24)	DW15L DW16L DW14L 14	462	1250	573	3797	159A8	4	10060	5470	4640	4550	4375	4375	-	6560	5860	-	-	
		18.2	49.2	22.6	149.5	159B	58	22178	12059	10229	10031	9645	9645	-	14462	12919	-	-	
500/70R24 (19.5LR24)	DW16L DW15L DW18L	505	1308	600	3983	164A8	4	11500	6250	5300	5200	5000	5000	-	7500	6700	-	-	
		19.9	51.5	23.6	156.8	164B	58	25353	13778	11684	11464	11023	11023	-	16534	14770	-	-	
480/80R26IND (18.4R26IND)	DW15L DW16L DW18L DW15	479	1428	634	4248	160A8	3.2	10350	5625	4770	4680	4500	4500	-	6750	6030	-	-	
		18.9	56.2	25	167.2	160B	46	22817	12401	10516	10317	9920	9920	-	14881	13293	-	-	
440/80R28	DW14L	460	1410	640	4281	156A8	3.2	9200	5000	4360	4160	4000	4000	-	6000	5360	4000	4000	
		18.1	55.5	25.2	168.5	156B	46	20282	11023	9612	9171	8818	8818	-	13227	11816	8818	8818	
500/70R28	DW16L DW15L DW18L	503	1411	643	4187	164A8	4	11500	6250	-	5200	5000	4550	-	7500	6700	-	-	
		19.8	55.6	25.3	164.8	164B	58	25353	13778	-	11464	11023	10031	-	16534	14770	-	-	

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)										
								Recommended load, kg (lbs)										
		SW	OD	Constant Load						Infl. press.	Cyclic Application							
				mm	mm		mm	mm	bar psi		Static	10 6	25 16	30 19	40 25	50 31	10 6	25 16
				in	in		in	in			10 6	25 16	30 19	40 25	50 31	10 6	25 16	
300/75R18	W9	295	908	412	2726	142A8	5	6095	3313	2809	2756	2650	2650	5	3975	3551		
		11.6	35.7	16.2	107.3	142B	73	13437	7303	6192	6075	5842	5842	73	8763	7828		

TI323


COMPACT WHEEL LOADER



TELEHANDLER

Alliance 323 Traction Industrial is an agro-industrial tire for telehandlers and compact loaders. The tread pattern ensures a superior grip on softer surfaces and a comfortable ride on harder surfaces. The robust nylon construction provides excellent stability while lifting high loads. It is well equipped to perform on & off-road applications with equal ease. The presence of cut, chip, and wear resistance compounds ensures longer tire life. High traction, exceptional load-carrying capacity and excellent self-cleaning make it the perfect choice for OEMs worldwide.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)	
								Recommended load, kg (lbs)	
		SW	OD					50	31
		mm	mm	mm	mm		bar psi		
405/70-20 (16/70-20)	13	407	1076	488	3251	14	3.5	3250	
		16	42.4	19.2	128	149B	51	7165	
405/70-20	13	407	1076	481	3180	16	4	3550	
		16	42.4	18.9	125.2	152B	58	7830	
405/70-24	13	407	1178	546	3460	14	4	3550	
		16	46.4	21.5	136.2	152B	58	7826	

OTHER INDUSTRIAL & CONSTRUCTION

580

R-4

SB

WRC

STEEL BELTED

WEAR RESISTANT COMPOUND



UTILITY TRACTOR



BACKHOE

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



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)													
		SW	OD				Constant Load						Cyclic Application		
		mm in	mm in				mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6
460/70R24	DW15L	462	1250	572	3771	159A8	4	10063	5469	4638	4550	4375	4375	6563	5863
	DW14L DW16L	18.2	49.2	22.5	148.5	159B	58	22190	12060	10230	10030	9650	9650	14470	12930
300/75R18	W9	295	908	412.1	2726	142A8	5	6095	3313	2809	2756	2650	2650	3975	3551
		11.6	35.7	16.2	107.3	142B	73	13437	7304	6193	6076	5842	5842	8763	7829
340/80R18IND (12.5/80R18IND)	W11	350	1001	453	3022	143A8	4	6268	3406	2889	2834	2725	2725	4088	3652
		13.8	39.4	17.8	119	143B	58	13819	7509	6369	6248	6008	6008	9012	8051
340/80R20IND (12.5/80R20IN)	W10	343	1052	478	3185	144A8	4	6440	3500	2968	2912	2800	2800	4200	3752
		13.5	41.4	18.8	125.4	144B	58	14198	7716	6543	6420	6173	6173	9259	8272
380/75R20IND (14.5/75R20IND)	W12 W13 13SDC	380	1078	485.4	3121	148A8	4	7245	3938	3339	3276	3150	3150	4725	4221
		15	42.4	19.1	122.9	148B	58	15972	8682	7361	7222	6945	6945	10417	9306
400/70R18IND (16.0/70R18IND)	W13 13.00 2	410	1021	461	3073	147A8	4	7073	3844	3260	3198	3075	3075	4613	4121
		16.1	40.2	18.1	121	147B	58	15593	8475	7187	7050	6779	6779	10170	9085
440/80R28IND (16.9R28IND)	DW14L	441	1415	644	4247	156A8	3.2	9200	5000	4360	4160	4000	4000	6000	5360
		17.4	55.7	25.4	167.2	156B	46	20283	11023	9612	9171	8818	8818	87024	11817
480/80R26IND (18.4R26IND)	DW15L DW16L DW18L DW15	479	1428	634	4248	160A8	3.2	10350	5625	4770	4680	4500	4500	6750	6030
		18.9	56.2	25	167.2	160B	46	22818	12401	10516	10318	9921	9921	14881	13294
500/70R24 (19.5LR24)	DW16L DW15L DW18L	505	1308	600	3983	164A8	4	11500	6250	5300	5200	5000	5000	7500	6700
		19.9	51.5	23.6	156.8	164B	58	25353	13779	11684	11464	11023	11023	16535	14771

608

R-4

WRC

SB

WEAR RESISTANT COMPOUND

STEEL BELTED



COMPACT LOADER



BACKHOE



TELEHANDLER



ARTICULATED DUMP TRUCK



DUMP TRUCK

Alliance 608 is designed keeping in mind the needs of compact machinery like backhoes, compact loaders and telehandlers. Since these compact machinery have to move around varied terrains, the non-directional tread design makes 608 suitable for both on and off-road applications. The steel belt construction gives the tire additional strength and protection. The tread pattern is designed to provide excellent performance on both hard and soft surfaces.



LOADER DOZER

Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
				Off-the road				Infl. press	Hard Improved Surfaces							
				mm in	mm in	mm in	mm in		bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3
455/70R20	14	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940
		17.5	45.1	20.4	136.4		54	16760	11840	10470	8910	65	18850	15190	14130	13100

SK-906**R-4**

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



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm					10
		in	in				bar psi	6
11L-16	W8L	267	838	376	2489	12	4.5	1900
		10.5	33	14.8	98	130A2	65	4188

585**R-4**

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



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Recommended Load, kg (lbs)									
								Speed, km/h (mph)									
		SW	OD					Constant load								Cyclic Applications	
		mm	mm				mm	mm	bar	Static	10 6	20 12	25 16	30 19	40 25	50 31	10 6
		in	in	in	in	psi											
265/70R16.5 NHS (10R16.5 NHS)	8.25	264	773	352	2304	122A8	4	3450	1880	-	1640	1560	1500	1500	2250	2010	
		10.4	30.4	13.9	90.7	122B	58	7610	4150	-	3620	3440	3310	3310	4960	4430	
305/70R16.5 (12R16.5)	9.75	307	831	377	2466	132A8	4	4600	2500	-	2180	2080	2000	2000	3000	2680	
		12.1	32.7	14.8	97.1	132B	58	10140	5510	-	4810	4590	4410	4410	6610	5910	
340/80R18IND (12.5R18IND)	11 W11 W12 12 W10	345	1001	454	2975	143A8	4	6270	3410	2890	-	2830	2725	2725	4090	3650	
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	-	6240	6010	6010	9020	805	
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	461	3026	147A8	4	7070	3840	-	3350	3200	3075	3075	4610	4120	
		15.9	40	18.1	119.1	147B	58	15590	8470	-	7390	7060	6780	6780	10160	9080	
340/80R20IND (12.5R20IND)	11 W11 1211SDC 12SDC	343	1052	472	3126	144A8	4	6440	3500	-	3050	2910	2800	2800	4200	3750	
		13.5	41.4	18.6	123.1	144B	58	14200	7720	-	6720	6420	6170	6170	9260	8270	
400/80R24IND (14.9R24IND)	DW13 W13 W14L W12 DW12	404	1250	567	3752	162A8	5	10930	5940	-	5180	4940	4750	4750	7130	6370	
		15.9	49.2	22.3	147.7	162B	73	24100	13100	-	11420	10890	10470	10470	15720	14040	
440/80R24IND (16.9R24IND)	DW14L W15L DW15L	441	1314	592	3936	161A8	4	10640	5780	-	4900	4810	4625	4625	6940	6200	
		17.4	51.7	23.3	155	161B	58	23460	12740	-	10800	10600	10200	10200	15300	13670	
460/70R24	DW15L DW14L DW16L	471	1242	560	3704	159A8	4	10063	5469	-	4638	4550	4375	4375	6563	5863	
		18.5	48.9	22	145.8	159B	58	22190	12060	-	10230	10030	9650	9650	14470	12930	
500/70R24	DW16L DW15L DW18L	497	1310	591	3920	164A8	4	11500	6250	-	5300	5200	5000	5000	7500	6700	
		19.6	51.6	23.3	154.3	164B	58	25350	13780	-	11680	11460	11020	11020	16540	14770	
540/70R24	DW16L DW18L	540	1366	598	4080	168A8	4	12880	7000	-	6100	5820	5600	5600	8400	7500	
		21.3	53.8	23.5	160.6	168B	58	28400	15430	-	13450	12830	12350	12350	18520	16540	
480/80R26 (18.4R26)	W15L DW15L DW14L W14L W16L	484	1428	641	4258	167A8	4	12540	6810	-	5940	5670	5450	5450	8180	7300	
		19.1	56.2	25.2	167.6	167B	58	27650	15010	-	13100	12500	12020	12020	18030	16090	
440/80R28	DW14L DW15L DW16L W16L W15L	441	1415	633	4276	163A8	4	11210	6090	-	5310	5070	4875	4875	7310	6530	
		17.4	55.7	24.9	168.3	163B	58	24710	13430	-	11710	11180	10750	10750	16120	14400	

585

R-4



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



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbol	Infl. press.	Speed, km/h (mph)								
								Recommended load, kg (lbs)								
		SW	OD					Constant load						Cyclic Applications		
				mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	15 9
265/70R16.5 NHS (10R16.5 NHS)	8.25	264	773	352	2304	122A8	4	3450	1880	1640	1560	1500	1500	-	-	
		10.4	30.4	13.9	90.7	122B	58	7610	4150	3620	3440	3310	3310	-	-	
305/70R16.5 (12R16.5)	9.75	307	831	377	2466	132A8	4	4600	2500	2180	2080	2000	2000	-	-	
		12.1	32.7	14.8	97.1	132B	58	10140	5510	4810	4590	4410	4410	-	-	
340/80R18IND (12.5R18IND)	11 W11 W12 12 W10	345	1001	454	2975	143A8	4	6270	3410	2890	2830	2725	2725	-	-	
		13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	-	-	
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	461	3026	147A8	4	7070	3840	3350	3200	3075	3075	-	-	
		15.9	40	18.1	119.1	147B	58	15590	8470	7390	7060	6780	6780	-	-	
340/80R20IND (12.5R20IND)	11 W11 12 11SDC 12SDC	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	-	-	
		13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	-	-	
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3450	3380	3250	3250	4880	4360	
		15.9	42	19.1	127.4	149B	58	16490	8950	7610	7450	7170	7170	10760	9610	
400/80R24IND (14.9R24IND)	DW13 W13 W14L W12 DW12	404	1250	567	3752	162A8	5	10930	5940	5180	4940	4750	4750	-	-	
		15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	-	-	
440/80R24IND (16.9R24IND)	DW14L W15L DW15L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	-	-	
		17.4	51.7	23.3	155	161B	58	23460	12740	10800	10600	10200	10200	-	-	
460/70R24	DW15L DW14L DW16L	471	1242	560	3704	159A8	4	10063	5469	4638	4550	4375	4375	-	-	
		18.5	48.9	22	145.8		58	22190	12060	10230	10030	9650	9650	-	-	
500/70R24	DW16L DW15L DW18L	497	1310	591	3920	164A8	4	11500	6250	5300	5200	5000	5000	-	-	
		19.6	51.6	23.3	154.3	164B	58	25350	13780	11680	11460	11020	11020	-	-	
540/70R24	DW16L DW18L	540	1366	598	4080	168A8	4	12880	7000	6100	5820	5600	5600	-	-	
		21.3	53.8	23.5	160.6	168B	58	28400	15430	13450	12830	12350	12350	-	-	
480/80R26 (18.4R26)	W15L DW15L DW14L W14L W16L	484	1428	641	4258	167A8	4	12540	6810	5940	5670	5450	5450	-	-	
		19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	-	-	
440/80R28	DW14L DW15L DW16L W16L W15L	441	1415	633	4276	163A8	4	11210	6090	5310	5070	4875	4875	-	-	
		17.4	55.7	24.9	168.3	163B	58	24710	13430	11710	11180	10750	10750	-	-	