



INDUSTRIAL TYRES

**ENGINEERED FOR
TOUGH CONDITIONS**





Global R&D centre

APOLLO TYRES AT A GLANCE

A new world A new global brand

We are Apollo, one of the fastest growing tyre brands globally. Today, our worldwide family includes Apollo Tyres in India, Vredestein in Europe and exports to over 100 countries. We are 40 years young, ambitious and love challenges— be it from today's demanding auto majors, the global tyre brands we compete with, or from equally uncompromising car owners. Because every little thing we do works to ensure that you drive home safe everyday, without a worry.

NEW GLOBAL R&D CENTER

State-of-the-art Global R&D centre at Chennai



- Advanced Tyre Research (ATR) – With dedicated FEA (Finite Element Analysis) cell
- Design and Development (D&D)
- Raw material and compound development
- Tyre testing centre
- Global regulations and standards compliance
- Tie-ups with premier institutes in India (IIT Mumbai & IIT Kharagpur) and leading international universities in Germany (Leipzig and Leibniz)
- Panel of international tyre technologists working on compounding and tyre design
- Partners in best raw material sources from across the world- Lanxes, Bekaert, Degussato,
- Dupont to name a few— have development agreements in with each one
- Rigorous testing of tyres in world-class testing facilities

Y-LON

Unique Y-Shaped tread pattern for rocky terrain and tough underfoot conditions

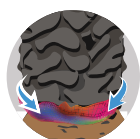


Y-LON PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



25 lugs and 25 sea guards that offer excellent puncture resistance thereby reducing downtime



Unique tread design ensuring optimum contact patch for the best traction in demanding applications



15% better tyre life than nearest competitor due to of high land sea ratio & exceptional tread compound



8% higher bead strength than competition for firm seating on the rim and least slippage in operation



Dry bonded breaker material which ensures maximum impact resistance during rough operations



Y-LON TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TPA Pattern Code	Type TT/TL	Unloaded inflated Dimensions							Load Carrying Capacity (single Tyre)			
	As Applicable				Section Width		Overall Diameter		Static Loaded Radius		Non-skid depth	Max Speed 40 Km/h (25 Mph)			
												(Load Index) at ree rolling	Max Load	Recommended Inflation Pressure	
-	-	-	-	-	mm	in	mm	in	mm	in	mm	-	Kg	psi	bar
16.9-28	12	152	R4	TT/TL	1451	57.1	679.1	26.7	4353	171	-	152 A8	3550	38	2.6
12.5/80-18	12	142	R4	TT/TL	308	12.1	976	38.4	2928	115.3	24.5	142 AB	2650	54	3.7

BACKHOE LOADERS

Backhoe loader front rear

We are Apollo, one of the fastest growing tyre brands globally. Today, our worldwide family includes Apollo Tyres in India, Vredestein in Europe and exports to over 100 countries. We are 40 years young, ambitious and love challenges— be it from today's demanding auto majors, the global tyre brands we compete with, or from equally uncompromising car owners. Because every little thing we do works to ensure that you drive home safe everyday, without a worry.



AIT 416

BACKHOE LOADERS

Wide lug tread pattern and large bucket volume for higher traction



AIT 416 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



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Dry bonded breaker material which ensures maximum impact resistance during rough operations



AIT 416

Size	Ply Rating	Pattern	TT/TL	Unloaded inflated Dimensions		Load Carrying Capacity (Single Tyres)			Rim
	As Applicable			Section Width	Overall Diameter	Max Speed 'X' Kmph ('Y' Mph)			Recommended
-	-		-	mm	mm	Load Index	Max Load (Kg)	Inlation pressure (psi)	-
16.9-241	2T	AIT 4164 R4	L	425	1300	149A8	3250	38	DW15L
18.4-24	12	AIT 4164 R4	TL	460	1365	155A8	3875	36	DW16L
18.4-261	2T	AIT 4164 R4	L4	76	1420	156A8	4000	36	DW16L

AIT 426 BACKHOE LOADERS

Wide lug tread pattern and large bucket volume for higher traction



AIT 426 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Open tread design for excellent self-cleaning abilities ensuring minimum slippage and maximum traction on loose underfoot conditions



Optimum sea guards & thick undertread ensuring puncture resistance for hassle free operation



Wide lugs offering optimum contact area for high traction



AIT 426 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TPA Pattern Code	Type TT/ TL	Unloaded inflated Dimensions				Static Loaded Radius		Load Carrying Capacity (single Tyre)								Rim			Tube Value Code	
-	-	-	-	-	Section Width		Overall Diameter				Max Speed 40 Km/h (25 Mph)								recommended		Alternate		
					mm	in	mm	in			mm	in	(Load Index) at ree rolling	Max Load	Inflation Pressure	Load Index at Drive Wheel	Max Load	Inflation pressure					psi
-	-	-	-	-	mm	in	mm	in	mm	in	-	kg	psi	bar	-	kg	psi	bar	psi	bar	-	-	
10.5/80-18	10	131	R4	TL	270	10.6	417	18.4	2670	105.1	-	1950	54	3.7	119 AB	1360	54	3.7	54	3.7	9"	TR 218 A	
12.5/80-18	12	142	R4	TT/TL	380	12.1	457	18.0	2928	115.3	152 A8	2650	54	3.7	129 AB	1860	54	3.7	54	3.7	11"	TR 218 A	
18.9-28	12	152	R4	TT/TL	425	16.7	655	25.8	4194	165.1	142 AB	3550	38	2.6	-	-	-	-	-	-	DW14L	TR 218 A	

ALT 118

BACKHOE LOADER HD REAR

*E-3 pattern for heavy duty
Backhoe loaders and small
dump trucks*



AIT 118 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



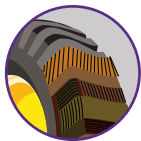
Exceptional performance in heavy duty applications with the extra strong carcass offering high load carrying capacity and impact resistance



Dual compound tread that has a cooler running base and a high mileage tread for long life and excellent performance



Uniform contact patch due to flat tread radius for low slippage, high torque transfer to ground, thereby maximizing fuel efficiency



Insulation compound with high modulus for minimum degradation of carcass for high retread ability



AIT 118 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TPA Pattern Code	Type TT/TL	Unloaded inflated Dimensions				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (single Tyre)				Rim		Tube Valve Code
					Section Width		Overall Diameter						Max Speed 40 Km/h (25 Mph)				Recommended	Alternate	
									(Load Index) (speed Rating)	Max Load	Recommended inflation pressure								
					mm	in	mm	in			mm	in	mm	in	kg	psi	bar	-	
14.00-25	12	150	E-3	TL	375	14.8	1368	53.9	640.2	25.2	4104	162	150 B	3550	40	2.8	10.00/1.5X25	-	TRJ 1175
14.00-25	20	161	E-3	TT/TL	375	14.8	1368	53.9	640.2	25.2	4104	162	150 B	4625	69	4.8	10.00/1.5X25	-	TRJ 1175
14.00-25	24	165	E-3	TT/TL	375	14.8	1368	53.9	640.2	25.2	4104	162	150 B	5150	83	5.7	10.00/1.5X25	-	TRJ 1175

AIT 406

BACKHOE LOADER FRONT

Exclusive Backhoe loader front tyre with excellent traction and multi-terrain performance



AIT 406 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Unique tread design for optimum contact patch offering excellent cornering stability



Specially engineered tread compound for backhoe loader front tyres to reduce chipping, chunking and offer exceptional performance on all terrains



Multi tapered tie bar resisting lug shuffling, slippage and improving productivity



AIT 406 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	Type TT/TL	Unloaded inflated Dimensions				Static Loaded Radius		Rolling Circumferences		non skid depth	Load Carrying Capacity (single Tyre)				Rim		Tube Valve Caode	
	As Applicable			Section Width		Overall Diameter							Max Speed 40 Kmph (25 Mph)				Recomended	Alternate		
													(Load Index)	Max Load	Recommended Inflation Pressure					
-	-	-	-	mm	in	mm	in	mm	in			mm	-	Kg	psi		-	-	-	
9.00-16	16	149	TT	1451	57.1	924	36.38	432.4	17.025	2772	109.13	22	149 AB	3250	123	8.48	6.50H	6.00G	TR 77 A / TR 274 A	

ARG 217

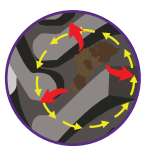
GRADER | HYDRA CRANE | TELESCOPIC HANDLER

*Designed for demanding
grading and crane operation in
challenging terrains*



ARG 217 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Open tread design for excellent self cleaning abilities ensuring minimum slippage and maximum traction on loose underfoot conditions.



Abrasion resistant tread compound for high service life of the tyre minimizing the cost per hour for the project



Thick undertread for maximum puncture and penetration resistance for minimizing downtime



Reinforced carcass and strong bead for withstanding extreme grading operations



ARG 217 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TPA Pattern Code	Type TT/ TL	Unloaded inflated Dimensions				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (single Tyre)				Rim		Flap Code	Tubr Valve Code
					Section Width		Overall Diameter						Max Speed 40 Km/h (25 Mph)				Recom- mended	Alternate		
													(Load Index) at ree rolling	Max Load	Recommended Inflation Pressure					
-	-	-	-	-	mm	in	mm	in	mm	in	mm	in	-	Kg	psi	bar	-	-		-
13.00-24	12	143	G2	TT	345	13.6	1280	50.4	600.0	23.6	3840	151.2	143 AB	2725	44	3.0	8.00 TG	-	24 V	TR 179 A
	12	143	G2	TL	345	13.6	1280	50.4	600.0	23.6	3840	151.2	143 AB	2725	44	3.0	8.00 TG	-		TR 220 A
	16	150	G2	TT	345	13.6	1280	50.4	600.0	23.6	3840	151.2	150 AB	3350	59	4.1	8.00 TG	-	24 V	TR 179 A
	16	150	G2	TL	345	13.6	1280	50.4	600.0	23.6	3840	151.2	150 AB	3350	59	4.1	8.00 TG	-		TR 220 A
14.00-24	12	147	G2	TT	384	14.3	1335	52.6	624.8	24.8	4005	157.7	147 AB	3075	36	2.5	8.00 TG	10.00VA	24 V	TR 179 A
	12	147	G2	TL	384	14.3	1335	52.6	624.8	24.8	4005	157.7	147 AB	3075	36	2.5	8.00 TG	10.00VA		TR 220 A
	16	153	G2	TT	384	14.3	1335	52.6	624.8	24.8	4005	157.7	153 AB	3650	54	3.7	8.00 TG	10.00VA	24 V	TR 179 A
	16	153	G2	TL	384	14.3	1335	52.6	624.8	24.8	4005	157.7	153 AB	3650	54	3.7	8.00 TG	10.00VA		TR 220 A

GRADER / CRANES



ALT 108 CRANE

Specially designed for heavy duty crane and grader application

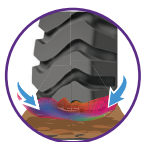


ALT 108 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Reinforced carcass to ensure penetration protection and 19% higher load carrying capacity compared to 14.00-24 in g2 pattern



Improved contact patch that offers low slippage, better puncture resistance and less stress on grooves, thus improving productivity and minimizing downtime



Highly engineered compound that helps negotiate extreme turning forces under loaded conditions



ALT 108 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TRA Pattern Code	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Non Skid Depth	Load Carrying Capacity (Single Tyre)				Rim		Flap Code	Tube Valve Code
													Max Speed 40 Km/h (25 Mph)				Recommended	Alternate		
	As Applicable			Section Width		Overall Diameter							Load Index	Max	Recommended Inflation pressure					
-	-	-	-	mm	in	mm	in	mm	in	mm	in	mm	-	Kg	psi	bar	-	-	-	-
14.00-24	20PR	150	E3	R4	15.3	1360	53.5	636.48	25.058	4080	161	24.5	153 AB	3650	54	3.724	10.00 VA	-	-	TR 179 A

AWL 812

GRADER | FRONT END LOADERS

Designed for mid size loaders and graders



AWL 812 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Strong nylon casing with better structural stability for exceptional load carrying capacity



Multi tapered lugs improve contact patch and provide better load distribution



Special cut and abrasion resistant compound for improved tyre mileage



Optimized tread angle and large bucket volume for excellent traction and self cleaning



AWL 812 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TRA Pattern Code	Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (Single Tyre)								Rim	
													Max Speed 10 Km/h (6 Mph)				Recommended Inflation pressure				Recom-mended	Alternate
					Section Width		Overall Diameter						(Load Index) (Spd Index)	Max Load	Recommended Inflation pressure	(Load Index) (Spd Index)	Max Load	Recommended Inflation pressure				
-	-	-	-	-	mm	in	mm	in	mm	in	mm	in	-	Kg	psi	bar	-	Kg	psi	bar	-	-
15.5-25	12	168	LG/G2	TL	394	15.5	1270	50.0	594.4	23.4	3810	150.0	168 A2	5600	58	4	142 AB	2650	33	2.3	12.0"	-
17.5-25	12	171	LG/G2	TL	445	17.5	1340	52.8	627.1	24.7	4020	158.3	171 A2	6150	50	3.4	145 AB	2900	29	2	14.0"	-

ARC 317 ROAD COMPACTOR

Special block tread pattern designed for heavy duty road compactors

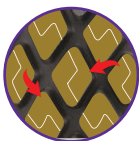


ARC 317 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Large tread area for high flotation and minimum ground disturbance in soil compaction operations



Strain optimized diamond lug pattern for lesser groove cracks and minimum slippage for high productivity, sipes for aesthetic appeal



Good rubber coverage on tread base for high puncture resistance and impact resistance thereby reducing downtime



Heavy duty carcass to withstand the application with ease



ARC 317 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TRA Pattern Code	Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (Single Tyre)				Rim		Tube Valve Code
													Max Speed 40 Km/h (25 Mph)				Recom-mended	Alternate	
					(Load Index) (Sped Index)	Max Load	Recommended Inflation pressure												
-	-	-	-	-	mm	in	mm	in	mm	in	mm	in	-	Kg	psi	bar	-	-	-
	8	15	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	154 AB	3750	20	1.4	DW20X26	-	TR 218 A
	10	4158	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	158 AB	4250	25	1.7	DW20X26	-	TR 218 A
23.1-26	12	162	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	162 AB	4750	28	1.9	DW20X26	-	TR 218 A
	14	165	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	165 AB	5150	33	2.3	DW20X26	-	TR 218 A
	16	168	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	168 AB	5600	37	2.6	DW20X26	-	TR 218 A
	18	174	R3	TL	587	23.1	1560	61.4	730.1	28.7	4680	184.3	174 AB	6700	52	3.6	DW20X26	-	TR 218 A

ROAD COMPACTORS



ASR 614

SKID STEER LOADER

Deep tread for High traction in off-the-road applications



ASR 614 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Tie bar at the center to prevent lug shuffling and slippage to increase productivity



Deep tread and higher bucket volume, for high traction and self cleaning ability



Very robust casing with extra nylon reinforcement for maximum penetration protection



Cut resistant tread compound for high tear and cut resistance in extreme loading conditions



ASR 614 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TRA Pattern Code	Type TT/ TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (Single Tyre)				Rim		Tube Valve Code
													Max Speed 40 Km/h (25 Mph)						
					Section Width		Overall Diameter		(Load Index) (Spd Index)	Max Load	Recommended Inflation pressure		Recom-mended	Alternate					
-	-	-	-	-	mm	in	mm	in	mm	in	mm	in	-	Kg	psi	bar	-	-	-
10-16.5	8	130	NHS	TL	284	10.4	773	30.4	361.8	14.2	2319	91.3	130 A2	1880	80	4.1	W 8.25X16.5	-	TR 575
12-16.5	10	141	NHS	TL	307	12.1	831	32.7	388.9	15.3	2493	98.1	141 A2	2540	65	4.5	W 9.75X16.5	-	TR 575

SKID STEER LOADERS



ASR 624

SKID STEER LOADER

*Densely packed tread mass
for superior performance
on concrete/asphalt*



ASR 624 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Densely packed tread mass offering resistance to tear and penetration for superior grip with minimum damages



Extra strong casing for high load carrying capacity in demanding loading operations



Reinforced thick sidewall for penetration protection



Precisely sliced sipes for appealing aesthetic value



ASR 624 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	TRA Pattern Code	Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (Single Tyre)				Rim		Tube Valve Code
													Max Speed 40 Km/h (25 Mph)				Recommended	Alternate	
					(Load Index) (Sped Index)		Max Load	Recommended Inflation pressure											
-	-	-	-	-	mm	in		mm	in	mm	in	mm	in	-	Kg	psi	bar	-	-
10-16.5	10	134	-	TL	264	10.4	784	30.8	366.0	14.3	2348	92.4	134 A2	2135	75	5.2	W 8.25X16.5	-	TR 575
12-16.5	12	144	-	TL	317	12.4	840	33.1	393.1	15.5	2520	99.2	144 A2	2965	80	5.5	W 9.75X16.5	-	TR 575

SKID STEER LOADERS



AWE 713

WHEELED EXCAVATORS

Special traction pattern for Wheeled excavators

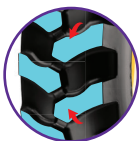


AWE 713 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Wider tread pattern with circumferential tie bar for excellent traction and high tear resistance



High bucket volume with optimized lug angle that provides superior surface contact and better tyre life



Strong nylon casing for high load carrying capacity



AWE 713 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Pattern	TRA Pattern Code	TT/TL	Unloaded Inflated Dimension		Load Carrying Capacity (Single Tyre)			Rim
	Max Speed 'X' Kmph ('Y' Mph)						Recommended			
	As applicable				Section Width	Overall Diameter		(Load Index)	Max Load	Inflation pressure
-	-	-	-	-	mm	mm	-	Kg	psi	-
9.00-20	14	134	AWE713	TT	252	1016	140B	2500.0	102.0	W7X20
10.00-20	16	144	AWE713	TT	274	1060	146B	3000.0	109.0	W7.5X20
11.00-20	18		AWE713	TT	290	1084	149B	3250.0	110.0	W8X20

WHEELED EXCAVATORS



AMP 918 MULTIPURPOSE

Multipurpose tyres for use on a wide range of applications and equipments



AMP 918 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Multi-tapered tread carved at optimized angle offering improvised contact patch for better load distribution, high traction and effective self-cleaning



Stable lug design with multi contoured tie-bar support imparts excellent tear resistance & reduced shuffling of lugs which results in longer life & good cornering stability



Strong carcass & bead construction for impact resistance in high torque application thereby reducing downtime



Weather resistant and high abrasion resistant tread compound for reduced chipping and chunking and making it suitable to all weather & surface conditions



AMP 918 TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Non skid depth	Load Carrying Capacity (Single Tyre)				Rim		Tube Valve Code
	As applicable	Section Width		Overall Diameter	Max Speed 40 Kmph (25 Mph)								Recom-mended	Alternate					
					(Load Index) (Sped Index)	Max Load	Recommended Inflation pressure												
-	-	-	-	mm	in	mm	in	mm	in	mm	in	mm	-	Kg	psi	bar	-	-	-
12.5-18	10	-	TL	331	13.0	99	39.2	465.66	18.33	2985	118	20.2	131 D	1950	43.5	3	11X18	9X18	TR 218 A
12.5-18	12	-	TL	331	13.0	5995	39.2	465.66	18.33	2985	118	20.2	134 D	2120	50.8	.03.5	11X18	9X18	TR 218 A
12.5-20	10	-	TL	329	13.0	1060	41.7	496.08	19.53	3180	125	20.2	132 D	2000	43.5	3.0	11X20	11, 12-20 SDC	TR 218 A
12.5-20	12	-	TL	329	13.0	1060	41.7	496.08	19.53	3180	125	20.2	135 D	2180	50.8	3.5	11X20	11, 12-20 SDC	TR 218 A
14.5-18	12	-	TL	358	14.2	1107	43.6	518.076	20.39	3321	131	19.6	139 D	2430	43.5	3.0	11X20	11, 12-20 SDC	TR 218 A

MULTIPURPOSE



AMP 928 MULTIPURPOSE

Multipurpose tyres for use on a wide range of applications and equipments



AMP 928 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Better bucket volume and good overlap at tread centre offering better load distribution & better traction in loose underfoot condition



Stable lug design with multi contoured tie-bar support imparts excellent tear resistance & reduced shuffling of lugs which results in longer life & good cornering stability



Strong carcass & bead construction for impact resistance in high torque application thereby reducing downtime



Strong carcass & bead construction for impact resistance in high torque application thereby reducing downtime



AMP 928 TT/TL - Tube Type & Tubeless

Size	Ply Rating		Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Non skid depth	Load Carrying Capacity (Single Tyre)				Rim		Tube Valve Code
													Max Speed 40 Kmph (25 Mph)		Recommended Inflation pressure	Recomm- ended	Alternate		
													(Load Index) (Sped Index)	Max Load					
-	-	-	-	mm	in	mm	in	mm	in	mm	in	mm	-	Kg	psi	bar	-	-	-
405/70-20	14	66	TL	405	15.9	1080	42.5	505.44	19.89	3240	128	30.2	149 B	3250	50.8	3.5	13X20	13-20 SDC	TR 218 A
405/70-20	16	67	TL	405	15.9	1080	42.5	505.44	19.89	3240	128	30.2	152 B	3250	58.0	4.0	13X20	13-20 SDC	TR 218 A
405/70-24	14	80	TL	405	15.9	1185	46.7	554.58	21.84	3555	140	30.2	152 B	3550	58.0	4.0	13X24	13-24 SDC	TR 218 A

MULTIPURPOSE



HARBOR PRO IND4 PORTS

*Unique IND 4 design for
use on reach stackers at
ports*



HARBOR PRO IND4 PERFORMANCE ATTRIBUTES

-  TRACTION
-  PUNCTURE RESISTANCE
-  SERVICE LIFE
-  RETREADABILITY



Stiffer Nylon Casing for withstanding high loads Double Chevron tread pattern for optimum traction in forward and reverse movement



Superior Heat and Cut resistant compound to avoid any downtime during long operation hours Firm interply adhesion and optimum rubber coverage on casing for excellent retreadability



Stiffer Sidewalls for excellent cornering stability and high precision stacking of containers Tie Bar at shoulder and optimum lug support to avoid any groove cracks and ensure long life of tyres



HARBOR PRO IND4

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
18.00-25	40	Port	IND-4	HarborPro	206 A2	13.00X2.5-25	17000	950	138	1668	498	64

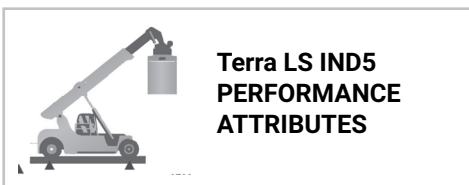
PORTS







TERRA LS IND5

PORTS

Unique IND 5 design for use on reach stackers at ports



Terra LS IND5 PERFORMANCE ATTRIBUTES

-  TRACTION
-  PUNCTURE RESISTANCE
-  SERVICE LIFE
-  RETREADABILITY



Stiffer Nylon Casing for withstanding high loads
Flat Tread Arc Radius for High traction, even wear



Highly Reinforced Tread Compound with Premium.
Grade Carbon Black for high abrasion resistance
Firm interply adhesion and optimum rubber coverage on casing for excellent retreadability



Stiffer Sidewalls for excellent cornering stability and high precision stacking of containers
Strong bead wires with thicker bead profile for a firm fit & efficient torque transfer

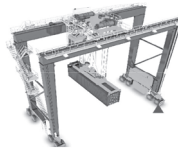


TERRA LS IND5

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
18.00-25	40	Port	IND-5	Terra LS	206 A2	13.00X2.5-25	17000	950	138	1668	498	85

HARBOR PRO PORTS

*Exclusive IND 3 tyres
primarily for RTG cranes*



HARBOR PRO IND3 PERFORMANCE ATTRIBUTES



TRACTION



PUNCTURE RESISTANCE



SERVICE LIFE



RETREADABILITY



Superior performance for non stop operations with extra strong Carcass for high load carrying capacity and Impact resistance



Flat tread radius for Uniform contact patch resulting in Even load distribution & longer tyre life Superior Tread compound to protect from weather degradation and ensure long life



Stiffer Sidewalls for excellent stability of tyres



HARBOR PRO IND3

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
18.00-25	40	Port	IND-3	HarborPro	206 A2	13.00X2.5-25	17000	950	138	1615	490	32

TERRA L3 WHEEL LOADERS

Innovative L3 tyres with segment leading performance engineered for non stop performance in the most demanding loading operations



TERRA L3 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Innovative tread design with split lugs for high traction in forward and reverse movements delivering higher efficiency



Premium grade tread compounds to enhance cut, chip and abrasion resistance, in turn enhancing life of tyre



Flat tread arc radius ensuring uniform pressure distribution and wear enhancing tyre life



Optimum support at lug base to avoid lug damage and shuffling to reduce downtime and offer high tread life



TERRA L3

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
17.5-25	20	Loader	L3	Terra	181 A2	14.00X1.5-25	8250	575	93	1348	445	30
20.5-25	20	Loader	L3	Terra	186 A2	17.00X2-25	9500	450	65	1492	525	33
23.5-25	24	Loader	L3	Terra	196 A2	19.5X2.5-25	12500	475	69	1620	597	36

WHEEL LOADERS



TERRA L4/G4

WHEEL LOADERS

High performance loader and grader tyre from heavy duty operations



TERRA L4/G4 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Innovative tread design with split lugs for high traction in forward and reverse movements delivering higher efficiency



Innovative tread design with split lugs for high traction in forward and reverse movements delivering higher efficiency



Flat tread arc radius ensuring uniform pressure distribution and wear enhancing tyre life



Optimum support at lug base to avoid lug damage and shuffling to reduce downtime and offer high tread life



TERRA L4/G4

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
17.5-25	16	Loader/Grader	L4/G4	Terra	177 A2	14.00X1.5-25	7300	475	69	1394	445	46

AWL 822 L5 WHEEL LOADERS

*Heavy duty L5 Loader
tyres for long lasting
performance and durable
operation in construction
and mining*



AWL 822 L5 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Stiffer Nylon Casing for withstanding high loads and loads and maintaining structural integrity of the tyre
Premium grade compounds to enhance cut, chip and abreaction resistnce



Specially designed tread pattern with tie bar preventing lug shuffling
Shoulder guards and stiff sidewall to prevent damage and abrasion to sidewalls



Tapered groove with stone ejector to avoid carcass penetration
Strong bead to ensure firm sitting on the rim for maximizing torque delivery

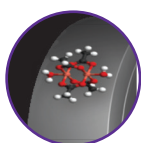


AWL 822 L5

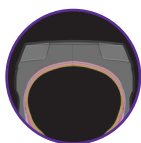
Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
23.5-25	20	Loader	L5	AWL 822	191	19.50X2.5-25	10900	375	54	1673	597	80
26.5-25	28	Loader	L5	AWL 822	203	22.00X3-25	15500	475	69	1798	673	89
29.5-25	28	Loader	L5	AWL 822	207	25.00X3.5-25	17500	425	62	1908	750	97
35/65-33	42	Loader	L5	AWL 822	221	28.00/45	25750	600	87	2080	900	96
45/65-45	58	Loader	L5	AWL 822	244	36.00/45	50000	675	98	2740	1175	116

TERRA LS UNDERGROUND MINING

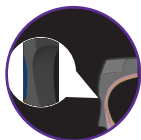
*Superior Performance
underground mining tyres
for high reliability, non-stop
performance and highest
return on investment*



Reinforced Tread Compound with premium carbon black for excellent traction, cut resistance



Cooler running base compound for long tread life
Stiff nylon casing for longer carcass life



High Gauge Sidewall with cut resistant compound for tread cut protection



TERRA L3 PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



TERRA LS

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
17.5-25	20	Underground Mining Tyre	L5S	Terra LS	181 A2	14.00X1.5-25	8250	575	83	1387	437	64
17.5-25	28	Underground Mining Tyre	L5S	Terra LS	188 A2	14.00X1.5-25	10000	825	120	1387	437	64
18.00-25	28	Underground Mining Tyre	L5S	Terra LS	199 A2	13.00X2.5-25	13600	650	94	1668	498	85
26.5-25	36	Underground Mining Tyre	L5S	Terra LS	209 A2	20.00X3-25	18500	625	91	1780	660	87

UNDERGROUND MINING



TERRA SP

UNDERGROUND MINING

Superior Performance underground mining tyres for high reliability, non-stop performance and highest return on investment



TERRA SP PERFORMANCE ATTRIBUTES

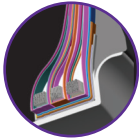
- ☒ TRACTION
- ☒ PUNCTURE RESISTANCE
- ☒ SERVICE LIFE
- ☐ RETREADABILITY



Flat Tread Arc Radius for High traction, even wear



Dry bonded plies to avoid tread separation and deliver long life



Strong bead wires with thicker profile and more number of wires for a firm fit & efficient torque transfer



TERRA SP

Size	Ply Rating	Category	TRA Code	Product Name	Load Index	Rim Size	Load Carrying Capacity (Kg)	Inflation Pressure		OD (mm)	SW (mm)	NSD (mm)
								KPA	PSI			
16.00-25	36	Underground Mine	L4	Terra SP	199 A2	11.25X2-25	13600	975	141	1542	400	39.5

UNDERGROUND MINING



ALT 188

RIGID DUMP TRUCKS

Double chevron non-directional tread pattern to provide excellent longitudinal and lateral traction capabilities



TERRA SP PERFORMANCE ATTRIBUTES

- TRACTION
- PUNCTURE RESISTANCE
- SERVICE LIFE
- RETREADABILITY



Double chevron non-directional tread pattern to provide excellent longitudinal and lateral traction capabilities



Customized tread compound for excellent performance in Varying mine conditions



Wide grooves towards the shoulder which reduce the chances of stone entrapment



Superior and enduring carcass for trouble free service under extreme conditions.



ALT 188 TT/TL - Tube Type & Tubeless

Size	Ply Rating		TPA Pattern Code	Type TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Load Carrying Capacity (Single Tyre)				TKPH			Rim	
													Max Speed 40 Kmph (25 Mph)				Construction/Compound			Recommended	Alternate
					Section Width		Overall Diameter						(Load Index) (Spd Index)	Max Load	Recommended Inflation pressure	2A	4A SP	6A CR			
-	-	-	-		mm	in	mm	in	mm	in	mm	in	-	Kg	psi	bar	-	-	-	-	-
21.00-35	36	197	E4	TL	58	23.1	2066	23.1	966.9	38.1	61	244.0	197 B	12850	80	5.5	275	200	170	15.0/3.0 X 35	17.00/3.0
	40	200	E4	TL	7587	23.1	2066	23.1	966.9	28.1	986198	244.0	200 B	14000	90	6.2	290	215	190	15.0/3.0 X 35	17.00/3.0
24.00-35	48	209	E4	TL	660	25.9	2180	25.9	1020.2	40.2	6540	257.5	209 B	18500	95	6.6	310	240	210	17.0/3.0 X 35	-
24.00-49	48	215	E4	TL	655	25.8	2530	25.8	1184.0	46.6	7590	298.8	215 B	21800	95	6.6	360	295	255	17.0/3.0 X 49	-
27.00-49	48	220	E4	TL	738	29.1	2695	29.1	1261.3	49.7	8085	318.3	220 B	25000	85	5.9	480	345	295	19.5/4.0 X 49	-
	54	223	E4	TL	738	29.1	2695	29.1	1261.3	49.7	8085	318.3	223 B	27250	95	6.6	510	375	320	19.5/4.5 X 51	-
30.00-51	46	225	E4	TL	845	33.3	2910	33.3	1361.9	53.6	8730	343.7	225 B	29000	75	5.2	550	400	350	22.0/4.5 X 51	-
	52	226	E4	TL	845	33.3	2910	33.3	1361.9	53.6	8730	343.7	226 B	30000	80	5.5	570	410	360	22.0/4.5 X 51	-
33.00-51	56	232	E4	TL	917	36.1	3052	36.1	1428.3	56.2	9156	360.5	232 B	35500	85	5.9	600	450	400	24.0/5.0 X 51	-
40.00-57	60	244	E4	TL	1105	43.5	3566	43.5	1668.9	65.7	10698	421.2	244 B	50000	69	4.8	700	500	410	29.0/6.0 X 57	-
	68	247	E4	TL	1105	43.5	3566	43.5	1668.9	65.7	10698	421.2	247 B	54500	80	5.5	750	550	460	29.0/6.0 X 57	-

RIGID DUMP TRUCKS



ALT 188 TX

RIGID DUMP TRUCKS

Unique Traction Tread design in bias construction for slurry and muddy conditions



TERRA SP PERFORMANCE ATTRIBUTES

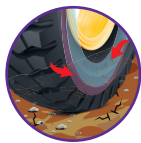
- ☒ TRACTION
- ☒ PUNCTURE RESISTANCE
- ☒ SERVICE LIFE
- ☒ RETREADABILITY



Unique Traction Tread design in bias construction for slurry and muddy conditions.



Customized tread compound excellent performance in varying mine conditions.



Wider grooves towards the shoulder which reduce the chances of stone entrapment.



Superior and enduring carcass for high load carrying capacity and exceptional and exceptional structural stability under extreme conditions.



ALT 188 TX TT/TL - Tube Type & Tubeless

Size	Ply Rating	Load Index	Type Pattern TT/TL	Unloaded Inflated Dimension				Static Loaded Radius		Rolling Circumferences		Non skid depth	Load Carrying Capacity (Single Tyre)				TKPH			Rim	
													Max Speed 40 Km/h (25 Mph)				Construction/Compound			Recommended	Alternate
				Section Width	Overall Diameter	(Load Index) (Spd Index)	Max Load						Recommended Inflation pressure	2A HR	4A SP	6A CR					
-	-	-	-	mm	in	mm	in	mm	in	mm	in	mm	-	Kg	psi	bar	-	-	-	-	-
24.00-35	48	209	TL	660	25.98	2180	85.83	1020	40.17	6540	257.48	30.2	209 B	18500	95	6.55	330	260	230	17.0/3.0 X 35	-
27.00-49	48	220	TL	738	29.06	2710	106.69	1268	49.93	8130	320.08	30.2	220 B	25000	85	5.86	500	365	310	19.5/4.0 X 49	-
27.00-49	54	223	TL	738	29.06	2710	106.69	1268	49.93	8130	320.08	30.2	223 B	27250	95	6.55	540	400	345	19.5/4.0 X 49	-

RIGID DUMP TRUCKS





Notes

Lined area for taking notes, consisting of 25 horizontal lines.



