

Off-The-Road Tyre Solutions



EMERALD

INDUSTRIAL PNEUMATIC

emraldtyres.com

Emerald Resilient Tyre Manufacturers Pvt. Ltd. - Market leader in industrial tyre and wheel segment in India offers customised solutions through it's range of products that meets the diversified requirements of material handling industry at large in the globe.

Emerald offers comprehensive range of Industrial Pneumatic Tyres that covers Fork lifts, Skid steer, Lawn and Garden mowers, Agricultural implement meeting every single application requirement of the customer.



FORK LIFT

- Heavy duty design for tough applications
- Special tread compound for cooler running & wear resistance
- Wider tread profile for improved traction & stability
- Reinforced nylon casing for higher load rating
- Unique sipes in shoulder area for enhanced heat dissipation
- Reinforced sidewall for reduced deflection & improved protection
- Rim-guard protector for rim flange area

SIZE	RIM (inch)	ALTERNATE RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%		NSD		PLY RATING	INFLATION PRESSURE (bar)	LOAD CAPACITY (kg)		
			OUTER DIAMETER	CROSS SW	(mm)	(32 nd of inch)			FORK LIFT < 25 kmph		
									LOAD WHEEL	STEER WHEEL	SIDE LOADERS
5.00 - 8	3.00	—	470	145	13.00	16.50/32	8	8.25	1235	950	1435
16 x 6 - 8	4.33	—	420	158	12.50	15.50/32	18	10.50	1540	1185	1790
18 x 7 - 8	4.33	—	462	170	17.00	21.50/32	14	10.00	1910	1460	2400
							18	10.50	2210	1700	2565
21 x 8 - 9	6.00	7.00	535	210	18.00	22.50/32	16	10.00	2755	2120	3200
6.00 - 9	4.00	—	540	165	15.50	19.50/32	10	8.50	1715	1320	1990
							12	10.00	1885	1450	2190
6.50-10	5.00	5.50	598	190	15.50	19.50/32	10	7.75	1950	1500	2260
							12	9.00	2145	1650	2490
							14	10.00	2340	1800	2650
7.00 - 12	5.00	—	680	196	15.50	19.50/32	12	8.50	2680	2060	3110
							14	9.00	2755	2120	3200
23 x 9 -10	7.00	—	590	235	18.50	23.50/32	16	10.00	2910	2240	3400
							20	10.00	3445	2650	4000
27 x 10 - 12	8.00	—	692	252	21.50	27.00/32	12	7.25	3250	2470	4275
							16	8.00	3900	3000	4530
23 x 10 - 12	8.00	—	605	260	15.50	19.50/32	18	9.00	3385	2605	3935
							12	8.25	3070	2360	3565
							14	9.25	3280	2525	3810
7.00 - 15	5.50	—	750	200	18.00	22.50/32	16	10.00	3545	2725	3990
							14	9.25	3640	2800	4230
7.50 - 15	6.00	5.50/6.50	780	218	18.00	22.50/32	16	10.00	3810	2930	4425
8.15 - 15	7.00	—	725	219	18.00	22.50/32	12	8.25	3445	2650	4000
							14	10.00	3900	3000	4530
							16	10.50	4010	3085	4660
250 - 15	7.00	7.50	747	250	18.00	22.50/32	16	8.25	4355	3350	5060
300 - 15	8.00	—	840	300	22.00	27.50/32	16	6.00	5130	3945	5955
							18	7.50	5845	4495	6785
8.25 - 15	6.50	6.00/7.00	840	235	21.00	26.50/32	14	8.00	4225	3250	4910
							16	9.25	4615	3550	5345



GROUND SUPPORT EQUIPMENT (GSE)

- Optimum tread design for low rolling resistance
- Excellent traction and manoeuvrability
- Extra deep tread provides exceptional tyre life
- Specially designed rim guard protects against rim damages
- Superior tread compound for improved performance

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm)+/-2%		PLY RATING	LOAD CAPACITY (kg)	IP (bar)
			OUTER DIAMETER	CROSS SECTION WIDTH			
4.80/4.00-8	TL	3.75	427	130	8	465	8.1
6.90-9	TT	4.00	552	173	10	1010	8.8
6.50-10	TT	5.00	608	193	12	1290	9.9
8.00-16.5	TL	6.75	744	224	8	925	4.6
8.75-16.5	TL	6.75	768	234	10	1215	5.6



SKID STEER

- Open self cleaning lug profile
- Specifically designed tread pattern for higher torque
- Deep tread lugs assures maximum tyre life
- Robust sidewall protects against damages
- Low heat build up compound for cooler running
- Superior tread compound for better wear / tear resistance

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm)+/-2%		PLY RATING	LOAD CAPACITY (kg)		IP (bar)
			OUTER DIAMETER	CROSS SECTION WIDTH		8 kmph SPEED	16 kmph SPEED	
23 x 8.50 - 12	TL	7.00	575	215	12	1195	940	6.6
27 x 8.50 - 15	TL	7.00	680	220	8	1300	1030	4.1
10 - 16.5	TL	8.25	775	275	8	1875	1480	4.1
					10	2140	1690	5.2
12 - 16.5	TL	9.75	835	320	10	2425	1920	4.1
					12	2655	2100	4.8



LAWN AND GARDEN

- Specifically designed tread pattern for maximum traction
- Deep tread depth provides longer life
- Reinforced casing gives increased puncture resistance

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%			LOAD CAPACITY (kg)	SPEED (kmph)	IP (bar)
			OUTER DIAMETER	CROSS SECTION WIDTH	PLY RATING			
26 x 12.00-12 TURF	TL	10.5	645	308	10	1400	15.0	3.4
26 x 12.00-12 TRACTION	TL	10.5	660	310	12	1550	15.0	4.1



AGRICULTURAL IMPLEMENT

- Designed with low section profile for lesser soil compaction
- Specially designed for drive and free rolling wheels
- Strengthened casing for higher load capacity

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%			LOAD CAPACITY (kg) FOR FREE ROLLING WHEEL			
						30 kmph with HLV		40 kmph with HLV	
			OUTER DIAMETER	CROSS SECTION WIDTH	PLY RATING	LOAD CAPACITY	IP (bar)	LOAD CAPACITY	IP (bar)
10.0 / 75 - 15.3	TL	9	760	264	10	1800	5	1550	5.1
11.5 / 80 - 15.3	TL	9	850	290	12	2575	5.5	2180	5.3
12.5 / 80 - 15.3	TL	9	890	305	14	3075	5.7	2650	5.6



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