

Off-The-Road Tyre Solutions

EMERALD

**INDUSTRIAL WHEEL RIMS
& FITMENT PRESS**

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 requirement of material handling industry at large in the globe.

Emerald supplies Industrial Wheels of International standards for Forklifts, GSE Trolleys, Pavers as per T & RA / ETRTO standards and form part of our wide range of products for Industrial applications.

Emerald offers value added service to OEM & After sales market through the supply of Tyre fitted with rim as Tyre-Wheel assembly.

RANGE

- Split Rim (Two Piece/Divided)
- Multi-Piece wheel rim
- Base Band for Press-ons
- Direct Bonding Hub Wheel
- Bead wire for Solids
- Fitment Press for Solids & Press-ons

INDUSTRIAL WHEEL RIMS

FEATURES

- Manufactured as per ETRTO & TRA international standards for dimensions and load rating
- High quality Mild steel - HRPO for improved processability and high quality performance of products.
- Wheel mounting hole profile designed for high precision
- Stringent process and quality control for 100 % defect-free product

SPLIT / DIVIDED / TWO PIECE RIM



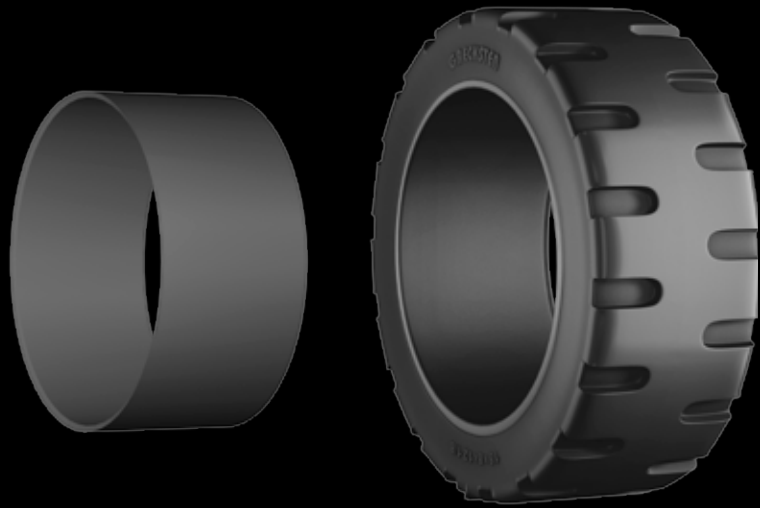
SIZE RANGE					
8	9	9.75	10	12	15
3.00D-8	4.009	3.75-9.75	5.00F-10	5.00S-12	5.50-15
3.75-8			5.50F-10		6.00-15
4.33R-8					6.50-15
					7.00-15
					8.00-15

MULTI-PIECE WHEEL RIM



SIZE RANGE			
15	16	20	24
5.50 - 15	5.50 - 16	6.00 - 20	8.50 - 24
6.00 - 15	6.00 - 16	7.00 - 20	
6.50 - 15		7.50 - 20	
7.00 - 15		8.00 - 20	
8.00 - 15			

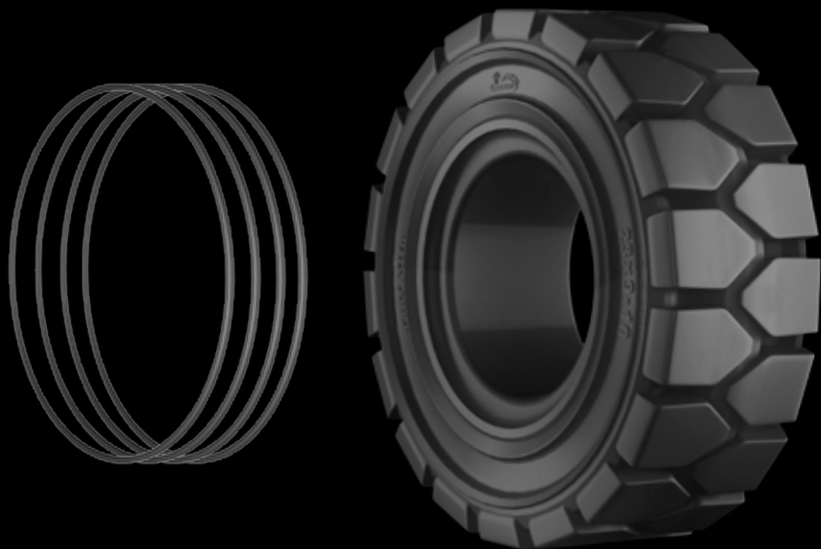
BASE BAND FOR PRESS-ONS



BAND SIZE-ID (inch)	BAND WIDTH (inch)	THICKNESS (mm)
6 1/4	4,5	8
8	3, 4 1/2, 5 1/2	8
10 1/2	5,6,7	8
11 1/4	5,6,7,8	8
12 1/8	5,6,7,8,9	8
15	5,6,7,8,9	8
16	6,7,8,9,12,14	8
17 3/4	6,12	8
20	6,7,8,	8
22	8,10,12,15	8

- High-grade mild steel band
- 100% Weld joint test as per ASTM standards
- Dimensional conformance to TRA & ETRTO standards
- Comprehensive size range covering all popular Press-ons
- Selective base band options in 10mm and 12 mm thickness

BEAD WIRE FOR SOLIDS



BEAD RING SIZE (inch)	MATCHING TYRE ID (inch)	THICKNESS DIA (mm)
8 3/4	8	8
9 3/4	9	8
10 3/4	10	8
12 3/4	12	8
15 3/4	15	8

- High quality raw material conforming to International standards
- Welded joint designed for High Tensile Value
- Tighter tolerance on all critical dimensions

SOLID TYRE FITMENT PRESS



- Emerald offers Industrial Fitment Press for mounting and demounting of Industrial Solid Tyres from 16" to 53" OD and Press-ons from 13" to 28" OD.
- The press is supplied along with a complete set of fitment tools to ensure Easy, Safe & Secure Fitment of tyres on the rims.
- Fixtures for Fitment include set of Taper cone & Cage for each ID profile in Solids & Press-ons.
- Available in 80/100/120/200 Tons
- Compatible to fit all popular range of sizes in both Solid Resilient and Press on tyres.
- Supply of fixtures for Easy and Secure Fitment.

PARAMETERS	120T FITMENT PRESS	80T FITMENT PRESS
Capacity	120 T	80 T
Construction	Fabricated H frame	Fabricated H frame
Cylinder	ø250 mm x ø150 mm x 520 mm	ø220 mm x ø150 mm x 520 mm
No. of cylinders	1	1
Stroke	400 mm	400 mm
Day light gap	820 mm	820 mm
Over all width	1650 mm	1650 mm
Table size	ø950 mm	ø950 mm
Moving plate	ø950 mm	ø950 mm
Motor	3 Phase, 7.5 HP, 415 v AC, 50 Hz	3 Phase, 5.0 HP, 415 v AC, 50 Hz
Load @ Max. Pr.	222 T	150 T
Safety	Fixed fencing at the back & Door type fencing at the front	Fixed fencing at the back & Door type fencing at the front



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