

**EMERALD**

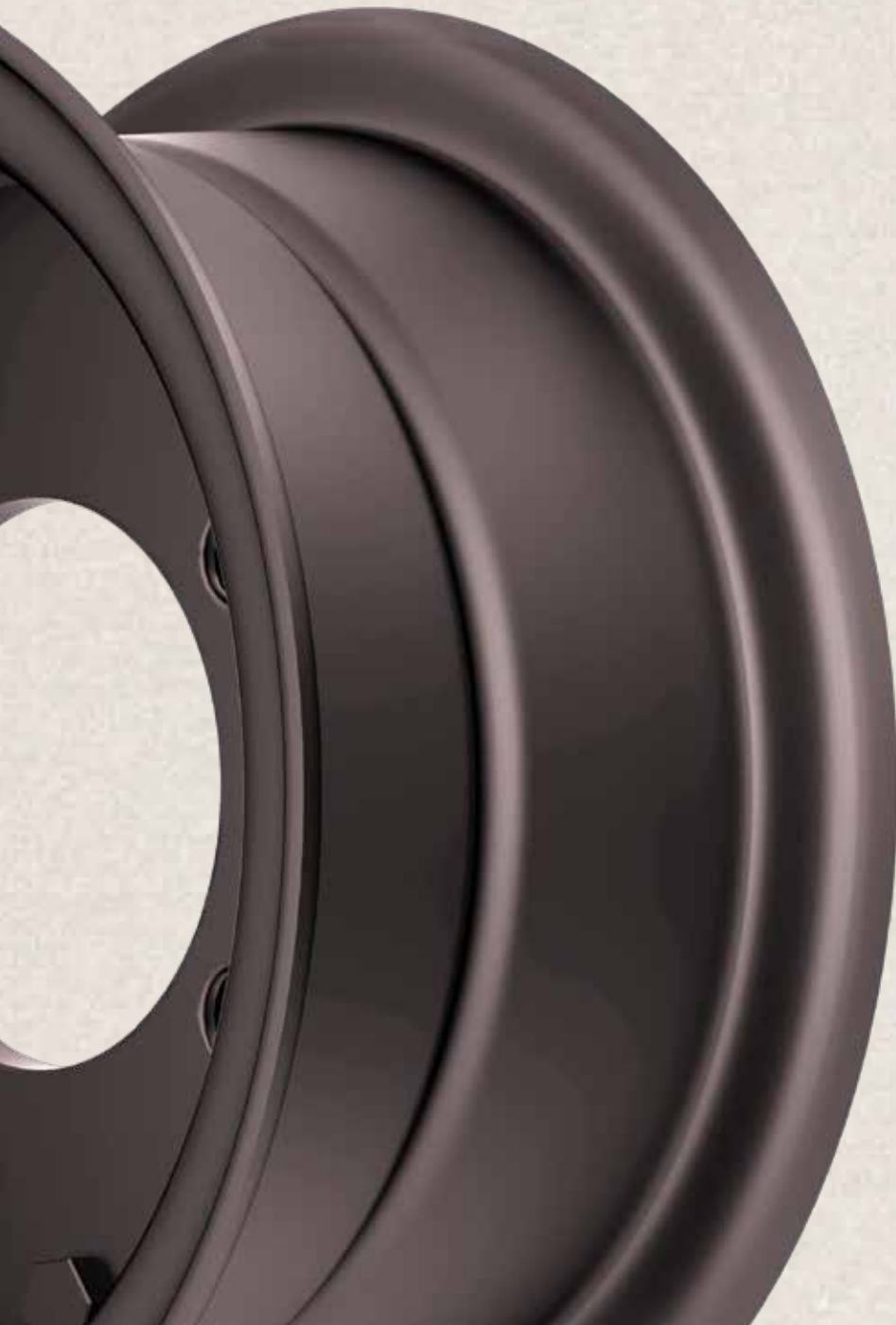
OFF-THE-ROAD TYRE SOLUTIONS  
**INDUSTRIAL WHEEL RIMS**  
& FITMENT PRESS

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 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 & Replacement market through the supply of Tyre fitted with rim as Tyre-Wheel assembly.

# 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
- 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	4.00E-9	3.75-9.75	5.00F-10	5.00S-12	5.50-15
3.75-8			5.50F-10		6.0-15
4.33R-8					6.50-15
					7.00-15
					8.00-15

## MULTI-PIECE 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			

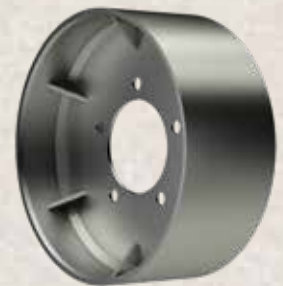
## WHEEL AND HUB TYPE – PRODUCT RANGE

Emerald manufactures the following types of wheels to cater to the varying tyre wheel assembly requirements of its customers

- Split rim – Zero Offset
- Split rim – Offset
- Split rim – Bearing Housing
- Wheel Hub for Press-on Tyre
- Base wheel for Direct Bonded Wheel



PRESS ON HUB



DIRECT BONDING WHEEL

## RECOMMENDATIONS

- Compatibility of Tyre & Wheel to be checked before fitment
- Wheel studs and nut to be torqued to the recommended setting and checked periodically
- Wheel rims to be checked for its deformity, damage, cracks, corrosion
- In case of Pneumatics - Tyres should be fully deflated before demounting the wheel rim
- Fitment of wheel rims to be done by trained personnel using proper fitment tools & gadgets



# FITMENT PRESS & FIXTURES



## FEATURES

- Emerald offers Industrial Fitment Press for mounting and demounting of Solid Resilients from 16" to 53" OD and Press-ons from 10" to 28" OD
- Offered with a complete set of fitment fixture to ensure Easy, Safe & Secure Fitment of tyres on the rims
- Fixtures for fitment include a set of Taper Cone, Pressing Cage & Base Plate for every ID profile in Solids & Press-ons
- Available in 80/100/120/200 Tons
- Compatible to fit all popular sizes in both Solid Resilient and Press on tyres

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

## FITMENT FIXTURES FOR SOLID RESILIENTS



BASE PLATE



PRESSING CAGE



**EMERALD RESILIENT TYRE MANUFACTURERS PVT. LTD.**  
 PLOT NO.2, 2ND STREET, PHASE 1  
 PORUR GARDEN, VANAGARAM  
 CHENNAI 600 095, INDIA  
**E-MAIL** enquiry@emeraldtyres.com  
**TEL** +91 44 6646 0555 / 0566  
**FAX** +91 44 6646 0550

**EMERALD MIDDLE EAST FZE**  
 P.O BOX 86009, RAKIA FREE ZONE  
 RAS AL KHAIMAH, U.A.E.  
**E-MAIL** info@emraldmiddleeast.com  
**TEL** +971 7 2433195  
**FAX** +971 7 2433189

**EMERALD TYRES EUROPE B.V.B.A.**  
 PATHOEKEWEG 130 C  
 8000 BRUGGE, BELGIUM  
**E-MAIL** info@emeraldtyres.com  
**TEL** +32 50310900

