

MDR 1000 - Technical Specifications

Industrial & Construction | Radial | IND | TL | 7 Years



Salient Features & Benefits

Multi Drive Radial 1000, specially designed for multi-purpose usage in Tractor, Backhoe, and Telehandler.

Improved lateral traction on hillsides & slopes:

- Multi-Block Tread design.
- Provides Stability and a smooth, comfortable ride on hard surfaces, soft conditions, snow & in sand.

Excellent Grip in all terrains & minimizes Soil compaction:

- Wider Footprint.
- Decreases slippage and increases overall productivity.

Higher Load Capacity:

- Extra Strong Casing Equipped with Steel Belts
- Better impact resistance and exceptional puncture resistance to enhance the tyre's durability.

Less vibration & low tyre noise at high speed:

- High number of blocks with high rubber-to-void ratio.
- Low rolling resistance which reduces fuel consumption

Longer Tire Life:

- Superior Tread compound.
- Provides even wear on both the field and on the road.

Machineries



Standard: International Standards

Dimensions International Standards

ECE	-
Tyre Size	420/65R24 (5B)
Rec Rim	DW13, W14L
Alternate Rim	DW12, DW15L
PR & LI/SI	151A8/146D
Section Width (mm)	418
Overall Diameter (mm)	1156
Static Load Radius (mm)	530
Rolling Circumference (mm)	3457
Type	TL

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Constant Load

km/h / bar	1	1.2	1.6	2	2.4	2.8	3.2	4
10	1490	1680	2050	2430	2800	3180	3540	4310
25	1260	1420	1740	2060	2370	2690	3000	3660
30	1240	1390	1710	2020	2330	2640	2940	3590
40	1190	1340	1640	1940	2240	2540	2830	3450
50	1080	1220	1490	1770	2040	2310	2580	3140
65	1030	1160	1410	1670	1930	2190	2440	3000
70	940	1060	1280	1520	1760	1990	2220	2730

Cyclic Application

km/h / bar	1	1.2	1.6	2	2.4	2.8	3.2	4
10	1790	2010	2460	2910	3360	3810	4250	5180
15	1590	1800	2200	2600	3000	3400	3790	4620

Load Capacity

km/h / bar	1	1.2	1.6	2	2.4	2.8	3.2	4
Static	2720	3060	3720	4410	5100	5780	6440	7920