

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	E11*106R00/20*7955*00
Tyre Size	400/80R24 (14.9R24) (SB)
Rec Rim	DW13
Alternate Rim	-
PR & LI/SI	149A8/144D
Section Width (mm)	404
Overall Diameter (mm)	1250
Static Load Radius (mm)	569
Rolling Circumference (mm)	3739
Type	TL

Note: Section Width And Overall Diameter Are Unloaded Dimensions.

Constant Load

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
10	1890	2300	2710	3140	3550	4060
25	1600	1950	2300	2660	3010	3450
30	1570	1910	2260	2610	2950	3380
40	1510	1840	2170	2510	2840	3250
50	1370	1670	1970	2280	2580	2960
65	1300	1590	1880	2160	2450	2800
70	1180	1450	1710	1970	2230	2550

Cyclic Application

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
10	2270	2760	3260	3770	4260	4880
15	2020	2470	2910	3360	3810	4360

Load Capacity

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
Static	3430	4200	4960	5700	6470	7390