

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*106R00/19*7954*00
Tyre Size	440/80R34 (SB)
Rec Rim	DW14L
Alternate Rim	DW15L
PR & LI/SI	159A8/155D
Section Width (mm)	441
Overall Diameter (mm)	1568
Static Load Radius (mm)	722
Rolling Circumference (mm)	4690
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	2630	3200	3790	4360	4950	5470
25	2230	2710	3210	3700	4200	4640
30	2180	2660	3150	3630	4120	4550
40	2100	2560	3030	3490	3960	4375
50	1910	2330	2760	3180	3600	3980
65	1830	2240	2640	3050	3460	3875
70	1670	2040	2400	2780	3150	3530

Cyclic Application

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
10	3150	3840	4550	5240	5940	6560
15	2810	3430	4060	4680	5310	5860

Load Capacity

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
Static	4830	5910	6970	8050	9130	10230