

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*7969*00
Tyre Size	650/65R42 (SB)
Rec Rim	DW20B
Alternate Rim	-
PR & LI/SI	176A8/171D
Section Width (mm)	645
Overall Diameter (mm)	1913
Static Load Radius (mm)	882
Rolling Circumference (mm)	5721
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	4250	5200	6150	7090	8040	8880
25	3600	4410	5220	6010	6820	7530
30	3540	4330	5120	5900	6690	7380
40	3400	4160	4920	5670	6430	7100
50	3090	3790	4480	5160	5850	6460
65	2940	3590	4240	4890	5550	6150
70	2680	3270	3860	4450	5050	5600

Cyclic Application

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
10	5100	6240	7380	8510	9650	10650
15	4560	5570	6590	7600	8620	9510

Load Capacity

km/h / bar	1.2	1.6	2	2.4	2.8	3.2
Static	7760	9480	11190	12910	14650	16240