

MATTRACKS
Trail-R-Mate® - HDB
TRAILER

Non-driven wheels on trailers, farm implement, tractors and many other pull-behind commercial, recreational and agricultural applications.



Rated for 12,000 lbs (5,440 kg) per axle.



ALL SPECIFICATIONS ARE APPROXIMATE AND WE RESERVE THE RIGHT TO MAKE CHANGES OR MODIFICATIONS WITHOUT NOTIFICATION

*Depending on trailer **For maximum tread life

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SPECIFICATIONS

Assembly Weight	1,370 lbs./pr. @ 685 lbs. ea. (623 kg/pr. @ 311 kg ea.)
Frame Construction	Steel
Recommended Max Gross Wt.	12,000 lbs./pr. (5,440 kg/pr.)
Axle Hub Bolt Pattern	8 bolt on 8 in. (203 mm), (Other Patterns Optional)
Internal Suspension	Concentric Pivot w/ Oscillating Rocker Arm Suspension
Track Tread Width	18 in. (457 mm)
Tread Style	All-Terrain Self-Cleaning Traction Tread Design
Track Material	Rubber with Internal Composite Rods/Cord
Recommended Operating Temperature	(Ambient) -38° F to +130° F (-40° C to +55° C)
Overall Width Increase from Standard*	.0 in. to 14 in. (0 mm to 355 mm)
Increase Ground Clearance*	.0 in. or less (0 mm or less)
Mattracks Position Vehicle Over Axle Center	.15 in. (380 mm)
Total Length	.59 in. (1,498 mm)
Total Height	.22 in. (560 mm)
Offset (Bolt Plate to inside of track)	.5 1/2 in. (140 mm)
Ground Contact Length:	
(Hard Surface)	.38 in min. (965 mm)
(Soft Surface)	.58 in. max. (1,473 mm)
Ground Contact Surface Area	1,368 sq. in. min./pr. (8,826 sq. cm. min./pr.) 2,088 sq. in. max./pr. (13,471 sq. cm. max./pr.)
Ground Pressure*	1.0 to 5.75 psi. (.01 to .035 Nmm ²)
End Wheel Diameter	19.5 in. (495 mm) (4/corner)
Idler Wheel (Double Shielded & Sealed Bearing)	.8 in. x 2.5 in. HD Extra Seals (6/corner, 3 rows)
Idler Wheel Material	UHMW (Aluminum Optional) and Rubber
Paint (color)	Yellow -Standard Other Colors - "Optional" - E Coat Corrosion Resistance

PERFORMANCE

Recommended Max. Speed**	40 mph (64 km/h)
Turning Radius	Same as original vehicle
Approach Angle*	Up to 90°
Departure Angle*	Up to 90°
Grade Capacity*	100%
Side Slope Capacity	68%
Terrain - All Terrain Including Hard Surface	@ 12,000 GVW (5,440 kg)
Maximum Distance Off Road	.Indefinite
Maximum Distance Hard Surface**	At Below 80° F: Indefinite At Above 80° F: 15 Miles @ 40 mph (22km @ 64 km/h)