

MATTRACKS
Trail-R-Mate® w/Pneumatic Option
TRAILER

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



Rated for 8,000 lbs. (3,630 kg) per axle.



SPECIFICATIONS

Assembly Weight	.930 lbs./pr. @ 465 lbs. ea. (420 kg/pr. 210 kg ea.)
Frame Construction	Steel
Recommended Max Gross Wt.	8,000 lbs./pr. (3,630 kg/pr.)
Axle Hub Bolt Pattern	Combination 6 bolt on 6 in. (152 mm), 8 bolt on 8 in. (203 mm), (Other Patterns Optional)
Internal Suspension	Concentric Pivot w/ Air Ride Pneumatic
Track Tread Width	.16 in. (406 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	.52 in. (1,320 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)	.36 in min. (915 mm)
(Soft Surface)	.51 in. max. (1,295 mm)
Ground Contact Surface Area	1,152 sq. in. min./pr. (7,420 sq. cm. min./pr.) 1,632 sq. in. max./pr. (10,500 sq. cm. max./pr.)
Ground Pressure*	1.0 to 5.0 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 (2/corner, 2 rows)
Idler Wheel Material	UHMW and Rubber
Paint (color)	Red -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	@ 8,000 GVW (3,630 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)

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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