

MATTRACKS SALES, INC

MATTRACKS
Model 175-M1-A1
HEAVY DUTY 4X4 VEHICLES

Designed for Heavy Loads · Heavy Duty
Vehicles up to 15,000 lbs. or 6,800 kg GVW



SPECIFICATIONS

Exclusive Anti-Torque System	.....	..Rubber torsion - anti torque
Frame Construction	.....	..Steel
Assembly Weight	.....	..1,980 lbs. @ 495 lbs. ea. (900 kg @ 225 kg ea.)
Type of Vehicle***	.....	..Heavy Duty 4x4 vehicles
Recommended Max. Gross Wt****	.....	..15,000 lbs. (6,800 kg) GVW, Max Ft. 7,500 lbs. (3,400 kg), Max Rr. 7,500 lbs. (3,400 kg)
Internal Suspension	.....	..Concentric Pivot w/ Independent Rocker Arm, Oscillating <i>(Smooth Ride with minimum change to track tension, resulting in minimal heat buildup)</i>
Track Tread Width	.....	..18 in. (457 mm)
Tread Style	.....	..All-Terrain, Self-Cleaning Lug, Quiet, Highly Efficient
Track Material	.....	..Specially Formulated Rubber Compound with Internal Reinforced Composites
Overall Width* (Outside to outside of tracks)	.....	..90 in. to 96 in. (2,285 mm to 2,435 mm)
Recommended Operating Temperature	.....	..(Ambient) -38° F to +130° F (-40° C to +55° C)
Overall Width Increase from Standard*	.....	..15 in. to 20 in. (380 mm to 510 mm)
Increase Ground Clearance*	.....	..1-1/2 in. to 6 in. (40 mm to 150 mm)
		..Mattracks Position Vehicle Over Axle Center @ 20.75 in. (527 mm)
Lowers Roll Center	.....	..1-1/2 in. to 2-1/2 in. (40 mm to 60 mm)
Ground Contact Length:		
(Hard Surface)	.....	..Front 41 in. (1,040 mm)
(Soft Surface)	.....	..Front 63 in. (1,600 mm)
Ground Contact Surface Area	.....	..2,950 sq. in. min. (19,000 sq. cm min.) 4,536 sq. in. max. (29,250 sq. cm max.)
Ground Pressure	.....	..1.4 to 4 psi (9.6 to 27.6 kPa)
Gear-Reduction	.....	..1/3 Increase in Gear Reduction on Vehicle with 30 in. (760 mm) Standard Tire
Sprocket Diameter	.....	..22 in. (560 mm)
Wheels (Double shielded & Sealed Bearing)	.....	..8 in. x 2.25 in. HD Extra Seals (14/corner, 3 rows)
Wheel Material	.....	..UHMW and Rubber
Paint (color)	.....	..Yellow-Standard Optional: Other Colors, 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 80°
Grade Capacity*	.....	..100%
Side Slope Capacity	.....	..68%
Maximum Operating Side Sope (Grade)*	.....	..25%
Terrain - All Terrain Including Hard Surface	.....	..@ 15,000 lbs (6,800 kg) GVW
Maximum Distance Off Road	.....	..Indefinite
Maximum Distance Hard Surface**	.....	..@ Below 80°F (26°C) and Light GVW: Indefinite @ Above 80°F (26°C) and Light GVW: 15 Miles @ 40 mph (64 km/h) @ Above 80°F (26°C) @ GVW: 5 mile @ 40 mph (64 km/h)

NOTE: Some trimming of vehicle body parts may be required.

*Depending on vehicle **For maximum tread life
***Some vehicles may require slight alterations.
****Do not exceed manufacturer's vehicle capacities.

ALL SPECIFICATIONS ARE APPROXIMATE, YOUR VEHICLE'S PERFORMANCE MAY DIFFER. WE RESERVE THE RIGHT TO MAKE CHANGES OR MODIFICATIONS WITHOUT NOTIFICATION

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