

MATTRACKS SALES, INC

MATTRACKS
Model 150-M1
HEAVY DUTY 4X4 VEHICLES

Extra Heavy Duty Vehicles to
12,500 lbs. or 5,670 kg GVW



SPECIFICATIONS

Exclusive Anti-Torque System	.....	Rubber Torsion - Anti Torque
Frame Construction	.....	Steel
Assembly Weight	.....	1,500 lbs @ 375 lbs. ea. (680 kg @ 170 kg ea.)
Type of Vehicle****	.....	Heavy Duty 4x4 Vehicles
Recommended Max. Gross Wt.****	.....	12,500 lbs. (5,670 kg) GVW, 6,250 lbs. (2,835 kg) per axle
Internal Suspension	.....	Concentric Pivot - Rigid
Track Tread Width	.....	.16 in. (406 mm)
Tread Style	.....	All Terrain Self-Cleaning
Track Material	.....	Rubber with Internal Composite Rods/Cords
Recommended Operating Temperature	.....	(Ambient) -38°F to +130°F (-40°C to +55°C)
Overall Width Increase from Standard*	.....	15 in. to 18 in. (380 mm to 460 mm)
Increase Ground Clearance*	.....	1-1/2 in. to 6 in. (40 mm to 150 mm)
Mattracks Position Vehicle Over Axle Center@	.....	19.75 in. (500 mm)
Lowers Center of Gravity*	.....	1-1/2 in. to 2-1/2 in. (40 mm to 60 mm)
Ground Contact Length:		
(Hard Surface)	.....	41 in. min. (1,040 mm min.)
(Soft Surface)	.....	59 in. max. (1,500 mm max.)
Ground Contact Surface Area	.....	2,624 sq. in. min. (16,900 sq. cm. min.)
	.....	3,776 sq. in. max. (24,360 sq. cm. max.)
Ground Pressure	.....	1.4 a 3.3 psi (9.6 to 22.7 kPa)
Sprocket Diameter	.....	18.5 in. (470 mm)
Gear-Reduction	.....	1/3 Increase in Gear Reduction on Vehicle with 30 in. (760 mm) Standard Tire
Wheels (Double shielded & Sealed Bearing)	.....	8 in. x 2 1/2 in. HD Extra Seals (12/corner, 2 rows)
Wheels Material	.....	UHMW and Rubber
Paint (color)	.....	Yellow-Standard, Other colors - "Optional" E Coat Corosion Resistance - "Optional"

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%
Slide Slope Capacity*	.....	68%
Maximum Operating Side Slope (Grade)*	.....	25%
Terrain- All Terrain Including Hard Surface	.....	@ 12,500 lbs. (5,670 kg) GVW
Maximum Distance Off Road	.....	Indefinite
Maximum Distance Hard Surface**	.....	At Below 80°F (26°C): Indefinite At Above 80°F (26°C): 15 Miles @ 40 mph (22 km @ 64 km/h)

*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 VEHICLES'S PERFORMANCE MAY DIFFER. WE RESERVE THE RIGHT TO MAKE CHANGES OR MODIFICATIONS WITHOUT NOTIFICATION

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