

MATTRACKS SALES, INC

MATTRACKS

Model 105-M1-A1
COMPACT, MIDSIZE 4X4 TRUCK OR SUV

For Vehicles up to 10,500 lbs.
or 4,760 kg GVW
Designed for extremely rough terrain



SPECIFICATIONS

Exclusive Anti-Torque System	..... Rubber Torsion - Anti Torque
Frame Construction	..... Steel
Assembly Weight	..... 1,580 lbs. @ 395 lbs. ea. (720 kg @ 180 kg ea.)
Type of Vehicle***	..... Compact, Midsize 4x4 Trucks & SUVs
Recommended Max Gross Wt.****	..... 10,500 lbs. (4,760 kg) GVW, 5,250 lbs. (2,380 kg) per axle
Internal Suspension	..... Concentric Pivot w/ Independent Offset Rocker Arm (for extra-smooth ride)
Track Tread Width	..... 16 in. (406 mm)
Tread Style	..... All-Terrain Self-Cleaning
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*	..... 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)
(Soft Surface)	..... 59 in max. (1,500 mm)
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 to 2.8 psi (9.6 to 19.3 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 in. HD Extra Seals (10/corner, 2 rows)
Wheel Material	..... UHMW and Rubber
Paint (color)	..... Yellow-Standard (Other Colors - "Optional") E Coat Corrosion (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%
Side Slope Capacity	..... 68%
Maximum Operating Side Slope (Grade)*	..... 25%
Terrain - All Terrain Including Hard Surface	..... @ 10,500 lbs. (4,760 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

*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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