

MATTRACKS SALES, INC

MATTRACKS

Model 105-M1-A2

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	.....	High Strength, Heat Treated, Aluminum Alloy
Assembly Weight	.....	1,500 lbs. @ 400/350 lbs. ea. (680 kg @180/160 kg ea.)
Type of Vehicle***	.....	Compact, Midsize 4x4 Truck or SUV
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, Oscillating (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
Overall Width*	.....	76 in. to 90 in. (1,930 mm to 2,340 mm)
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
Quick Change Assembly	.....	Allows you to easily replace the rubber tread without removing the track unit from vehicle
Paint (color)	.....	Silver Metallic-Standard (Other Colors - "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 (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 VEHICLE'S PERFORMANCE MAY DIFFER. WE RESERVE THE RIGHT TO MAKE CHANGES OR MODIFICATIONS WITHOUT NOTIFICATION

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