

## MATTRACKS SALES, INC

MATTRACKS

# Model 105-M1-A1-SA

COMPACT, MIDSIZE 4X4 TRUCK OR SUV

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



With Steering Assist for  
Easier Steering!



### SPECIFICATIONS

Exclusive Anti-Torque System	..... Rubber Torsion - Anti Torque
Frame Construction	..... Steel
Assembly Weight	..... 1,630 lbs. @ 420/395 lbs. ea. (740 kg @ 190/180 kg)
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 (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. (1040 mm)
(Soft Surface)	..... 59 in. max. (1500 mm)
Ground Pressure*	..... 3,776 sq. in. max. (24,360 sq. cm max.)
Sprocket Diameter	..... 1.4 to 2.8 psi (9.6 to 19.3 kPa)
Gear-Reduction	..... 18.5 in. (470 mm)
Wheels (Double Shielded & Sealed Bearing)	..... 1/3 Increase in Gear Reduction on Vehicle with 30 in. (760 mm) Standard Tire
Wheel Material	..... 8 in. x 2 in. HD Extra Seals (10/corner, 2 rows)
Paint (color)	..... UHMW and Rubber
	..... Yellow-Standard (Other Colors - "Optional")
	..... E Coat Corrosion (Resistance - "Optional")

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### 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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