

MATTRACKS SALES, INC

MATTRACKS
Model 200-M1-A1
HEAVY DUTY 4X4 VEHICLES

Designed for Heavy Loads • Heavy Duty
Vehicles up to 21,000 lbs. (9,525 kg) GVW.



SPECIFICATIONS

Exclusive Anti-Torque System	.....	Front Rubber Torsion - Anti Torque, Rear Air Ride (adjustable)
Frame Construction	.....	Steel
Assembly Weight	.....	2,390 lbs. @ Front 495 lbs. ea. / Rear 700 lbs. ea. (1,090 kg @ Front 225 kg ea./ Rear 320 kg ea.)
Type of Vehicle***	.....	Heavy Duty 4x4 Vehicles
Recommended Max. Gross Wt.*	.....	21,000 lbs. (9,525 kg) GVW, Max Ft. 7,500 lbs. (3,400 kg), Max Rr. 13,500 lbs. (6,125 kg)
Internal Suspension	.....	Concentric Pivot w/ Independent Rocker Arm, Oscillating - Front and Rear (with air ride chassis supported concentric pivot suspension - Rear) <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. / Rear 61 in. (Front 1,040 mm / Rear 1,550 mm)
(Soft Surface)	.....	Front 63 in. / Rear 95 in. (Front 1,600 mm / Rear 2,410 mm)
Ground Contact Surface Area	.....	3,636 sq. in. min. (23,650 sq. cm. min.) 5,688 sq. in. max. (36,650 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. Standard Tire
Sprocket Diameter	.....	.22 in. (560 mm)
Wheels (Double Shielded & Sealed Bearing)	.....	.8 in. x 2.25 in. HD extra seals (14 Front, 20 Rear /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	.....	@ 21,000 lbs. (9,525 kg) GVW
Maximum Distance Off Road	.....	Indefinite
Maximum Distance Hard Surface**	.....	@ Below 80°F (26°C) slower speeds 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.
Requires additional time and complexity for installation compared to standard Mattracks Models.
Vehicle may require optional Steering Assist kit or upgraded power steering.

*Depending on vehicle **For maximum tread life
***Some vehicles may require slight alterations.

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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