

M MOUNTAIN CAT ALPHA ONE



VEHICLE SPECS

ENGINE

	M 8000 MOUNTAIN CAT ALPHA ONE
Engine Type	8000 C-TEC2, 2-Stroke
Displacement	794cc
Cooling	Liquid
Cylinders	2
Bore x Stroke	85 x 70 mm
Lubrication	Electronic Injection
Ignition	Digitally Controlled CDI
Engine Stator Output	270 W @ 3000 RPM
Fuel Delivery	Next Generation C-TEC2
Exhaust	APV with Tuned Pipe, Pipe Sensor and Stainless Steel Manifold and Muffler
Fuel Capacity	10.4 or 11.7 gal. (varies by model)
Oil System Capacity	3.25 qt.
Coolant System Capacity	5 qt.
Minimum Octane	91

POWERTRAIN

	M 8000 MOUNTAIN CAT ALPHA ONE
Drive Clutch	TEAM Rapid Response II
Driven Clutch	TEAM Rapid Reaction BOSS
Drive System	Arctic Mountain Drive System
Brakes	Stealth Hydraulic Master Cylinder with Lightweight Caliper
Clutch Calibration	0-5,000 ft. or 6,000-8,000 ft. (varied by model)
Gearing	19/50
Chain Pitch	96
Track Drive Sprocket	7 Tooth, 3.5 Pitch, Exvolute or 8 Tooth, 3.0 Pitch, Exvolute (varies by model)
Reverse	Push-Button Engine

SUSPENSION

	M 8000 MOUNTAIN CAT ALPHA ONE
Front Suspension	Arctic Mountain Suspension (AMS)
Ski Shocks	Fox FLOAT 3 QS3 or FOX FLOAT 3 iQS (varies by model)
Sway Bar	N/A
Front Travel	7 in.
Rear Suspension	ALPHA-ONE Rear Suspension
Front Track Shock	FOX FLOAT 3 QS3 or Arctic Cat IFP 1.5 (varies by model)
Rear Track Shock	FOX FLOAT 3 QSL or FOX FLOAT 3 iQSL (varies by model)
Rear Travel	14 or 15 in. (varies by model)

DIMENSIONS

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Overall Chassis Length	132 or 137 in. (varies by model)
Overall Chassis Width	42.5-44.5 in.
Overall Chassis Height	50 in.
Estimated Dry Weight	446, 451, 466 or 471 or 480 lbs. (varies by model)
Track Type	Power Claw
Track Width	15 in.
Track Length	154 or 165 in. (varies by model)
Lug	3 in.
Pitch	3.50 in.
Ski Stance	35.5-37.5 in. - Adjustable
Ski Type/Width	G2 ProClimb - 7 in.
Runner Type	Single Runner with Carbide

INSTRUMENTATION

	M 8000 MOUNTAIN CAT ALPHA ONE
Type of Gauge	Deluxe Digital
Speedometer	Digital
Tachometer	Digital
Odometer	Digital

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Fuel	Digital
Oil	Indicator Light
Coolant	Digital/Indicator Light
Clock	Digital (only available on select models)
Battery Voltage	Digital (only available on select models)
Altimeter	Digital (only available on select models)
Hours	Digital

FEATURES

	M 8000 MOUNTAIN CAT ALPHA ONE
Color	Fire Red/Dynamic Charcoal
Heat Exchanger	Front/Short Tunnel
Starter	Manual or Electric Push-Button (varies by model)
Handlebars	Hooked with Grab Handle, 4.5 in. Riser
Lighting	LED with Accent Light
Seating	Lightweight Mountain or Mountain (varies by model)
Storage Components	M Tunnel Bag
Additional Accessories	Handguards, Heated Drivers Seat (only available on select models), Mirrors, Rear Racks, Side Panel Wind Deflectors, Sno Pro Hooked Brake Lever, Tow Hitch, Tunnel Flare, Visor Plug-Ins
Standard Accessories	12V Outlet, Goggle Holder, Hand and Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Sport Front Bumper, Tether Switch, Vertical Steering
Windshield	1 in. Mountain Height

Vehicle specifications are subject to change.