

# M MOUNTAIN CAT ALPHA ONE



## VEHICLE SPECS

### ENGINE

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
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 gal (Manual Start), 11.7 gal (Electric Start)	
Oil System Capacity	3.25 qt.	
Coolant System Capacity	5 qt.	
Minimum Octane	91	

### POWERTRAIN

	<b>M 8000 MOUNTAIN CAT ALPHA ONE</b>	<b>M 8000 MOUNTAIN CAT ALPHA ONE ATAC</b>
Drive Clutch	ADAPT CVT	
Driven Clutch	ADAPT CVT	
Drive System	Arctic Mountain Drive System	
Brakes	Stealth Hydraulic Master Cylinder with Lightweight Caliper	
Clutch Calibration	6,000-8,000 ft.	
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)	7 Tooth, 3.5 Pitch, Exvolute
Reverse	Push-Button Engine	

**SUSPENSION**

	<b>M 8000 MOUNTAIN CAT ALPHA ONE</b>	<b>M 8000 MOUNTAIN CAT ALPHA ONE ATAC</b>
Front Suspension	Arctic Mountain Suspension (AMS)	
Ski Shocks	FOX FLOAT 3 QS3	FOX FLOAT 3 iQS
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)	Arctic Cat IFP 1.5
Rear Track Shock	FOX FLOAT 3 QSL	FOX FLOAT 3 iQSL
Rear Travel	14 or 15 in. (varies by model)	14 or 15 in.

**DIMENSIONS**

	<b>M 8000 MOUNTAIN CAT ALPHA ONE</b>	<b>M 8000 MOUNTAIN CAT ALPHA ONE ATAC</b>
Overall Chassis Length	132 or 137 in. (varies by model)	
Overall Chassis Width	42.5-44.5 in.	
Overall Chassis Height	50 in.	
Track Type	Power Claw	
Track Width	15 in.	
Track Length	154 or 165 in.	
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**

	<b>M 8000 MOUNTAIN CAT ALPHA ONE</b>	<b>M 8000 MOUNTAIN CAT ALPHA ONE ATAC</b>
Type of Gauge	Deluxe Digital	
Speedometer	Digital	
Tachometer	Digital	
Odometer	Digital	
Fuel	Digital	
Oil	Indicator Light	

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<b>Coolant</b>	Digital/Indicator Light	
<b>Clock</b>	Digital (only available on select models)	N/A
<b>Battery Voltage</b>	Digital (only available on select models)	N/A
<b>Altimeter</b>	Digital (only available on select models)	Digital
<b>Hours</b>	Digital	

**FEATURES**

	<b>M 8000 MOUNTAIN CAT ALPHA ONE</b>	<b>M 8000 MOUNTAIN CAT ALPHA ONE ATAC</b>
<b>Color</b>	Dynamic Charcoal/Blue	
<b>Heat Exchanger</b>	Front/Short Tunnel	
<b>Starter</b>	Manual or Electric Push-Button	
<b>Handlebars</b>	Hooked with Grab Handle, 4.5 in. Riser	
<b>Lighting</b>	LED with Accent Light	
<b>Seating</b>	Lightweight Mountain or Mountain (varies by model)	Lightweight Mountain
<b>Storage Components</b>	M Tunnel Bag	
<b>Additional Accessories</b>	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	
<b>Standard Accessories</b>	12V Outlet, Goggle Holder, Hand and Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Sport Front Bumper, Tether Switch, Vertical Steering	12V Outlet, Goggle Holder, Hand and Thumb Warmers, Ice Scratchers, Front Bumper, Tether Switch
<b>Windshield</b>	1 in. Mountain Height	

*Vehicle specifications are subject to change.*