M MOUNTAIN CAT ALPHA ONE

VEHICLE SPECS

ENGINE | POWERTRAIN | SUSPENSION | DIMENSIONS | INSTRUMENTATION | FEATURES

ENGINE

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Engine Type	8000, 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	270W @ 3000 RPM	
Fuel Delivery	Next Generation C-TEC2	
Exhaust	APV w/ Tuned Pipe, Pipe Sensor and Stainless Steel Manifold and Muffler	
Fuel Capacity	10.4 gal. or 11.7 gal.	
Oil System Capacity	3.25 qt.	
Coolant System Capacity	5.5 qt.	
Minimum Octane	91	

POWERTRAIN

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Drive Clutch	ADAPT	
Driven Clutch	ADAPT	
Drive System	Arctic Mountain Drive System	
Brakes	Stealth Hydraulic Master Cylinder w/lightweight caliper	
Clutch Calibration	6,000-8,000 ft.	
Gearing	19/50	
Chain Pitch	96	
Track Drive Sprocket	9 Tooth, 2.86 Pitch, Exvolute or 7 Tooth, 3.50 Pitch, Exvolute	
Reverse	Push-Button Engine	

SUSPENSION

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Front Suspension	Arctic Mountain Suspension (AMS)	Arctic Mountain Suspension (AMS) with ATAC
Ski Shocks	FOX FLOAT 3 QS3	FOX FLOAT 3 iQS

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Sway Bar	N/A	
Front Travel	7 in.	
Rear Suspension	ALPHA ONE Rear Suspension	
Front Track Shock	FOX FLOAT 3 QS3	Arctic Cat IFP 1.5
Rear Track Shock	FOX FLOAT 3 QSL	FOX FLOAT 3 iQSL
Rear Travel	13 in. or 14 in. or 15 in.	14 in. or 15 in.

DIMENSIONS

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Overall Chassis Length	131 in. or 132 in.	
Overall Chassis Width	42.5-44.5 in.	
Overall Chassis Height	50 in.	
Track Type	Powerclaw	
Track Width	15 in.	
Track Length	146 in. or 154 in. or 165 in.	
Lug	2.60 in. or 3.00 in.	
Pitch	2.86 in. or 3.50 in.	
Ski Stance	35.5-37.5 in. Adjustable	
Ski Type/Width	G2 ProClimb- 7 in.	
Runner Type	Single Runner w/ Carbide	

INSTRUMENTATION

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Type of Gauge	Deluxe Digital	
Speedometer	Digital	
Tachometer	Digital	
Odometer	Digital	
Fuel	Digital	
Oil	Indicator Light	
Coolant	Digital/Indicator Light	
Clock	Digital	
Battery Voltage	Digital	
Altimeter	Digital	
Hours	Digital	

FEATURES

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Color	Green/Spark Orange, Skye Blue/Spark Orange	
Heat Exchanger	Front/ Long Tunnel	
Starter	Manual or Electric Push-Button	
Handlebars	Hooked w/ Grab Handle	
Lighting	LED w/ Accent Light	

	M 8000 MOUNTAIN CAT ALPHA ONE	M 8000 MOUNTAIN CAT ALPHA ONE ATAC
Seating	Mountain	
Standard Accessories	MTN Storage Bag, 12V Outlet, Hand & Thumb Warmer, Ice Scratcher, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch	
Windshield	1 in. Mountain Height	

Vehicle specifications are subject to change.

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