

M MOUNTAIN CAT ALPHA ONE



VEHICLE SPECS

ENGINE

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Engine Type	85B, 2-Stroke	85B, 2-Stroke
Displacement 🔗	858cc	858cc
Cooling 🔗	Liquid	Liquid
Cylinders 🔗	2	2
Bore x Stroke 🔗	85 x 75.6 mm	85 x 75.6 mm
Lubrication 🔗	Electronic Injection	Electronic Injection
Ignition	Digitally Controlled CDI	Digitally Controlled CDI
Engine Stator Output 🔗	270W @ 3000 RPM	270W @ 3000 RPM
Fuel Delivery 🔗	Next Gen. C-TEC2	Next Gen. C-TEC2
Exhaust	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors
Fuel Capacity	10.4 gal	10.4 gal
Oil System Capacity	3.0 qt	3.0 qt
Coolant System Capacity	4.2 qt	4.2 qt
Minimum Octane 🔗	91	91

POWERTRAIN

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Drive Clutch 🔗	ADAPT	ADAPT
Driven Clutch 🔗	ADAPT	ADAPT
Drive System	AC M Belt Drive	AC M Belt Drive
Brakes	Stealth Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder
Clutch Calibration 🔗	6,000-8,000 ft	6,000-8,000 ft
Gearing	24/63	24/63
Chain Pitch	Belt	Belt
Track Drive Sprocket 🔗	9 Tooth, 2.86 Pitch, Exvolute or 7 Tooth, 3.50 Pitch, Exvolute	9 Tooth, 2.86 Pitch, Exvolute or 7 Tooth, 3.50 Pitch, Exvolute
Reverse	Push-Button Engine	Push-Button Engine

SUSPENSION

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Front Suspension	AWS 36	AWS 36
Ski Shocks	FOX FLOAT 3 QS3	FOX FLOAT 3 QS3
Sway Bar 🔗	N/A	N/A
Front Travel	7.6 in	7.6 in
Rear Suspension	ALPHA ONE Rear Suspension	ALPHA ONE Rear Suspension
Front Track Shock	FOX FLOAT 3 QS3	FOX FLOAT 3 QS3
Rear Track Shock	FOX FLOAT 3 QSL	FOX FLOAT 3 QSL

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Rear Travel	13.5 in, 14.5 in, or 15.5 in	13.5 in, 14.5 in, or 15.5 in

DIMENSIONS

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Overall Chassis Length	126.5 in or 131 in	126.5 in or 131 in
Overall Chassis Width	42-44 in	42-44 in
Overall Chassis Height	50 in	50 in
Track Type	PowerClaw	PowerClaw
Track Width	15 in	15 in
Track Length	146 in, 154 in, or 165 in	146 in, 154 in, or 165 in
Lug	2.60 in or 3.00 in	2.60 in or 3.00 in
Pitch 🔗	2.86 in or 3.50 in	2.86 in or 3.50 in
Ski Stance	35-37 in - Adjustable	35-37 in - Adjustable
Ski Type/Width	G2 ProClimb - 7 in	G2 ProClimb - 7 in
Runner Type	Single Runner w/ Carbide	Single Runner w/ Carbide

INSTRUMENTATION

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Type of Gauge	Arctic Cat GB (CAN w/o GRR)	Arctic Cat GB (CAN w/o GRR)
Speedometer	Digital	Digital
Tachometer 🔗	Digital	Digital
Odometer	Digital	Digital
Fuel	Digital	Digital
Oil	Digital	Digital
Coolant	LED Icon	LED Icon
Clock	Digital	Digital
Battery Voltage	Digital	Digital
Altimeter	Digital	Digital
Hours	Digital	Digital

FEATURES

	M 85B MOUNTAIN CAT ALPHA ONE	M 85B MOUNTAIN CAT ALPHA ONE WITH ATAC
Color	Skye Blue/Galaxy Blue	Skye Blue/Galaxy Blue
Heat Exchanger 🔗	Front/Short Tunnel	Front/Short Tunnel
Starter	Manual or Push-Button Electric Start	Manual or Push-Button Electric Start
Handlebars	Hooked w/ Grab Handle	Hooked w/ Grab Handle
Lighting	LED	LED
Seating	Mountain	Mountain
Standard Accessories	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Rear Storage, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Vertical Steering, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Rear Storage, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Vertical Steering, Tether Switch, Visor Plug-Ins
Windshield	N/A	N/A

Vehicle specifications are subject to change.