

BEARCAT



VEHICLE SPECS

ENGINE

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Engine Type	2-stroke	2-stroke	
Displacement ?	397cc	599cc	
Cooling ?	Liquid	Liquid	
Cylinders ?	1	2	
Bore x Stroke ?	85 x 70 mm	73.8 x 70 mm	
Lubrication ?	Electronic injection	Electronic injection	
Ignition	Digitally Controlled CDI	Digitally Controlled CDI	
Engine Stator Output ?	270W @ 3000 RPM	270W @ 3000 RPM	
Fuel Delivery ?	Electronic Fuel Injected (EFI)	Dual stage injection	
Exhaust	APV with tuned pipe, pipe sensor, manifold and stainless steel muffler	APV with tuned pipe, pipe sensor and stainless steel manifold and muffler	
Fuel Capacity (gal)	11.7	10.4	
Oil System Capacity (quart)	3.25	3	
Coolant System Capacity (quart)	5	7.4	

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Minimum Octane ?	91	91	

POWERTRAIN

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Drive Clutch ?	CVTech Trailbloc	ADAPT	
Driven Clutch ?	CVTech Invance	ADAPT	
Drive System	Arctic Drive System	AC Trail Belt Drive	
Brakes	Stealth Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder	
Clutch Calibration (ft.)	0-5,000	0-5,000	
Gearing	19/50	24/63	
Chain Pitch	90	Belt	
Track Drive Sprocket ?	8 tooth, 2.86 pitch, involute	9 tooth, 2.86 pitch, exvolute	
Reverse	Push-button Engine	Push-button Engine	

SUSPENSION

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Front Suspension	Arctic Mountain Suspension (AMS)	AWS 39	
Ski Shocks	Hydraulic twin tube	Arctic Cat IFP 1.5	
Sway Bar ?	NA	Standard	
Front Travel (in.)	7.2	7.5	

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Rear Suspension	XTRA-ACTION Rear Suspension with dual shocks & adjustable torsion springs	XTRA-ACTION Rear Suspension with dual shocks & adjustable torsion springs	
Front Track Shock	Hydraulic twin tube	Arctic Cat IFP 1.5	
Rear Track Shock	Hydraulic twin tube	Arctic Cat IFP 1.5	
Rear Travel (in.)	12.5	14.5	

DIMENSIONS

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Overall Chassis Length (in.)	128	134	
Overall Chassis Width (in.)	44-45	45-47	
Overall Chassis Height (in.)	51	50	
Track Type	Cobra	Cobra	
Track Width (in.)	15	15	
Track Length (in.)	146	154	
Lug (in.)	1.6	1.6	
Pitch (in.)	2.86	2.86	
Ski Stance (in.)	37.5-38.5 Adjustable	38-40 Adjustable	
Ski Type/Width (in.)	Trail - 6	G2 ProClimb -7	
Runner Type	Single runner	Single runner w/carbide	

INSTRUMENTATION

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Type of Gauge	Standard	Sport	
Speedometer	Digital	Digital	
Tachometer ?	Digital	Digital	
Odometer	Digital	Digital	
Fuel	Digital	Digital	
Oil	Indicator Light	LCD Icon	
Coolant	Indicator Light	Digital Bar Graph	
Clock	NA	NA	
Battery Voltage	NA	NA	
Altimeter	NA	NA	
Hours	Digital	Digital	

FEATURES

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
Color	Black	Titan/Blue	
Heat Exchanger ?	Front/Long tunnel	Front/Long tunnel	
Starter	Turnkey Electric Start	Push-Button Electric Start	
Handlebars	Hooked w/grab handle	Hooked w/grab handle	
Lighting	Halogen 1-bulb	LED	
Seating	Mountain ES	Trail	
Standard Accessories	Hand & Thumb Warmers, Standard Brake Disc, Rear Rack, Tether Switch	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Heavy-Duty Rear Bumper, Ice Scratchers, Standard Brake Disc, EPS	

	BEARCAT 400 LT	BEARCAT 600 LT	BEARCAT 858 LT
	Steering, Rear Rack, Tether Switch, Pivot Tow Hitch, Visor Plug-In		
Windshield	15.5" High	High	

Vehicle specifications are subject to change.