

BEARCAT



VEHICLE SPECS

ENGINE

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

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Minimum Octane ?	91	91	

POWERTRAIN

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

SUSPENSION

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

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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	Arctic Cat IFP 1.5	Hydraulic twin tube	
Rear Track Shock	Arctic Cat IFP 1.5	Hydraulic twin tube	
Rear Travel (in.)	14.5	12.5	

DIMENSIONS

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

INSTRUMENTATION

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

FEATURES

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

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

Vehicle specifications are subject to change.