

BEARCAT



VEHICLE SPECS

ENGINE

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
Engine Type	2-stroke	2-stroke	2-stroke
Displacement ?	858cc	397cc	599cc
Cooling ?	Liquid	Liquid	Liquid
Cylinders ?	2	1	2
Bore x Stroke ?	85 x 75.6 mm	85 x 70 mm	73.8 x 70 mm
Lubrication ?	Electronic injection	Electronic injection	Electronic injection
Ignition	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI
Engine Stator Output ?	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM
Fuel Delivery ?	Next Generation C-Tec2	Electronic Fuel Injected (EFI)	Dual stage injection
Exhaust	APV IV with full stainless steel exhaust & EGT sensors	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)	10.4	11.7	10.4
Oil System Capacity (quart)	3	3.25	3
Coolant System Capacity (quart)	7.4	5	7.4

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
Minimum Octane ?	91	91	91

POWERTRAIN

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
Drive Clutch ?	ADAPT	CVTech Trailbloc	ADAPT
Driven Clutch ?	ADAPT	CVTech Invince	ADAPT
Drive System	AC Trail Belt Drive	Arctic Drive System	AC Trail Belt Drive
Brakes	Stealth Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder
Clutch Calibration (ft.)	0-5,000	0-5,000	0-5,000
Gearing	27/60	19/50	24/63
Chain Pitch	Belt	90	Belt
Track Drive Sprocket ?	9 tooth, 2.86 pitch, exvolute	8 tooth, 2.86 pitch, involute	9 tooth, 2.86 pitch, exvolute
Reverse	Push-button Engine	Push-button Engine	Push-button Engine

SUSPENSION

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
Front Suspension	AWS 39	Arctic Mountain Suspension (AMS)	AWS 39
Ski Shocks	Arctic Cat IFP 1.5	Hydraulic twin tube	Arctic Cat IFP 1.5
Sway Bar ?	Standard	NA	Standard
Front Travel (in.)	7.5	7.2	7.5
Rear Suspension	XTRA-ACTION Rear Suspension with dual shocks & adjustable	XTRA-ACTION Rear Suspension with dual shocks & adjustable	XTRA-ACTION Rear Suspension with dual shocks & adjustable

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
	torsion springs	torsion springs	torsion springs
Front Track Shock	Arctic Cat IFP 1.5	Hydraulic twin tube	Arctic Cat IFP 1.5
Rear Track Shock	Arctic Cat IFP 1.5	Hydraulic twin tube	Arctic Cat IFP 1.5
Rear Travel (in.)	14.5	12.5	14.5

DIMENSIONS

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

INSTRUMENTATION

	BEARCAT 858 LT	BEARCAT 400 LT	BEARCAT 600 LT
Type of Gauge	G8 (CAN w/o Group Ride)	Standard	Sport

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

FEATURES

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

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

Vehicle specifications are subject to change.