

RIOT



VEHICLE SPECS

ENGINE

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Engine Type	858, 2-Stroke	400, 2-Stroke	600, 2-Stroke	858, 2-Stroke	
Displacement ?	858cc	397cc	599cc	858cc	
Cooling ?	Liquid	Liquid	Liquid	Liquid	
Cylinders ?	2	1	2	2	
Bore x Stroke ?	85 x 75.6 mm	85 x 70 mm	73.8 x 70 mm	85 x 75.6 mm	
Lubrication ?	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	
Ignition	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	
Engine Stator Output ?	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	
Fuel Delivery ?	Next Gen. C-TEC2	Electronic Fuel Injected (EFI)	Dual Stage Injection	Next Gen. C-TEC2	
Exhaust	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors	APV w/ Tuned Pipe, Pipe Sensor, Manifold &	APV w/ Tuned Pipe, Pipe Sensor, Stainless Steel Manifold & Muffler	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors	

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
		Stainless Steel Muffler			
Fuel Capacity	10.4 gal	11.7 gal	10.4 gal	10.4 gal	
Oil System Capacity	3.0 qt	3.25 qt	3.0 qt	3.0 qt	
Coolant System Capacity	5.4 qt	5.0 qt	5.4 qt	5.4 qt	
Minimum Octane ?	91	91	91	91	

POWERTRAIN

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Drive Clutch ?	ADAPT	CVTech Trailbloc	ADAPT	ADAPT	
Driven Clutch ?	ADAPT	CV Tech Invance	ADAPT	ADAPT	
Drive System	AC Trail Belt Drive	Arctic Drive System	AC Trail Belt Drive	AC Trail Belt Drive	
Brakes	Stealth Hydraulic Master Cylinder				
Clutch Calibration ?	0-5,000 ft	0-5,000 ft	0-5,000 ft	0-5,000 ft	
Gearing	27/60	19/50	27/60	27/60	
Chain Pitch	Belt	90	Belt	Belt	
Track Drive Sprocket ?	9 Tooth, 2.86 Pitch, Exvolute	8 Tooth, 2.86 Pitch, Involute	9 Tooth, 2.86 Pitch, Exvolute	9 Tooth, 2.86 Pitch, Exvolute	
Reverse	Push-Button Engine	Push-Button Engine	Push-Button Engine	Push-Button Engine	

SUSPENSION

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Front Suspension	AWS 39	Arctic Mountain Suspension (AMS)	AWS 39	AWS 39	
Ski Shocks	AC5S	Hydraulic Twin Tube	AC5S	FOX 1.5 ZERO iQS	
Sway Bar ?	Standard	N/A	Standard	Standard	
Front Travel	7.5 in	7.2 in	7.5 in	7.5 in	
Rear Suspension	CROSS-ACTION w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm & Adjustable Torsion Springs	Slide-Rail, Dual Shock & Adjustable Torsion Springs	CROSS-ACTION w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm & Adjustable Torsion Springs	CROSS-ACTION w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm & Adjustable Torsion Springs w/ ATAC System	
Front Track Shock	AC5S	Hydraulic Twin Tube	AC5S	Arctic Cat IFP 1.5	
Rear Track Shock	AC5S	Hydraulic Twin Tube	AC5S	FOX 2.0 ZERO iQS	
Rear Travel	13.5 in	12.5 in	13.5 in	13.5 in	

DIMENSIONS

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Overall Chassis Length	130.5 in	128 in	130.5 in	130.5 in	

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Overall Chassis Width	48-49 in	44-45 in	48-49 in	48-49 in	
Overall Chassis Height	49 in	45 in	49 in	49 in	
Track Type	Hurricane	Cobra	Hurricane	Hurricane	
Track Width	15 in	15 in	15 in	15 in	
Track Length	146 in	146 in	146 in	146 in	
Lug	1.75 in	1.60 in	1.75 in	1.75 in	
Pitch 	2.86 in	2.86 in	2.86 in	2.86 in	
Ski Stance	38-40 in - Adjustable	37.5-38.5 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable	
Ski Type/Width	G2 ProClimb - 7 in	Trail - 6 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in	
Runner Type	Single Runner w/ Carbide	Single Runner	Single Runner w/ Carbide	Single Runner w/ Carbide	

INSTRUMENTATION

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Type of Gauge	Sport or Arctic Cat G8	Powersport	Sport	Arctic Cat G8 (CAN w/o GRR)	
Speedometer	Digital	Digital	Digital	Digital	
Tachometer 	Digital	Digital	Digital	Digital	
Odometer	Digital	Digital	Digital	Digital	
Fuel	Digital	Digital	Digital	Digital	

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Oil	LCD Icon (Digital G8)	Indicator Light	LCD Icon	Digital	
Coolant	Digital Bar Graph (LCD Icon G8)	Indicator Light	Digital Bar Graph	LCD Icon	
Clock	N/A (Digital G8)	N/A	N/A	Digital	
Battery Voltage	N/A (Digital G8)	N/A	N/A	Digital	
Altimeter	N/A (Digital G8)	N/A	N/A	Digital	
Hours	Digital	Digital	Digital	Digital	

FEATURES

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Color	Black/Orange Sorbet	Black/Orange Sorbet	Black/Orange Sorbet	Black/Orange Sorbet	
Heat Exchanger ?	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	
Starter	Push-Button Electric Start	Turnkey Electric Start	Push-Button Electric Start	Push-Button Electric Start	
Handlebars	Hooked	Hooked	Hooked	Hooked	
Lighting	LED	Halogen 1-Bulb	LED	LED	
Seating	Trail	Mountain	Trail	Trail	
Standard Accessories	12V Outlet, Sport Front Bumper, Ice Scratchers, Integrated Goggle	Hand & Thumb Warmers, Standard Brake Disc, Standard	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand &	12V Outlet, Sport Front Bumper, Ice Scratchers, Integrated Goggle	

	RIOT 858 SNO PRO	RIOT 400	RIOT 600 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
	Holder, ATACH mounting, Hand & Thumb Warmers, Standard Brake Disc, Ratio Steering, Tether Switch, Visor Plug-In	Steering, Tether Switch	Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-In	Holder, ATACH mounting, Hand & Thumb Warmers, Standard Brake Disc, Ratio Steering, Tether Switch, Visor Plug-In	
Windshield	5.5 in Low Height	4 in Low Height	5.5 in Low Height	5.5 in Low Height	

Vehicle specifications are subject to change.