

RIOT



VEHICLE SPECS

ENGINE

	RIOT 400	RIOT 600	RIOT 600 SNO PRO	RIOT 600 WITH ATAC	RIOT 858	RIOT 858 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Engine Type	400, 2-Stroke	400, 2-Stroke	600, 2-Stroke	600, 2-Stroke	400, 2-Stroke	858, 2-Stroke	858, 2-Stroke	858, 2-Stroke
Displacement	397cc	397cc	599cc	599cc	599cc	858cc	858cc	858cc
Cooling	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Cylinders	1	1	2	2	2	2	2	2
Bore x Stroke	85 x 70 mm	85 x 70 mm	73.8 x 70 mm	73.8 x 70 mm	73.8 x 70 mm	85 x 75.6 mm	85 x 75.6 mm	85 x 75.6 mm
Lubrication	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection
Ignition	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	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	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM
Fuel Delivery	Electronic Fuel Injected (EFI)	Electronic Fuel Injected (EFI)	Dual Stage Injection	Dual Stage Injection	Dual Stage Injection	Next Gen. C-TEC2	Next Gen. C-TEC2	Next Gen. C-TEC2
Exhaust	APV w/ Tuned Pipe, Pipe Sensor, Manifold & Stainless Steel Muffler	APV w/ Tuned Pipe, Pipe Sensor, Manifold & Stainless Steel Muffler	APV w/ Tuned Pipe, Pipe Sensor, Stainless Steel Manifold & Muffler	APV w/ Tuned Pipe, Pipe Sensor, Stainless Steel Manifold & Muffler	APV w/ Tuned Pipe, Pipe Sensor, Stainless Steel Manifold & Muffler	APV IV w/ Full Stainless Steel Exhaust & EFI Sensors	APV IV w/ Full Stainless Steel Exhaust & EFI Sensors	APV IV w/ Full Stainless Steel Exhaust & EFI Sensors
Fuel Capacity	11.7 gal	11.7 gal	10.4 gal	10.4 gal	10.4 gal	10.4 gal	10.4 gal	10.4 gal
Oil System Capacity	3.25 qt	3.25 qt	3.0 qt	3.0 qt	3.0 qt	3.0 qt	3.0 qt	3.0 qt
Coolant System Capacity	5.0 qt	5.0 qt	5.4 qt	5.4 qt	5.4 qt	5.4 qt	5.4 qt	5.4 qt
Minimum Octane	91	91	91	91	91	91	91	91

POWERTRAIN

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

SUSPENSION

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

	RIOT 400	RIOT 600	RIOT 600 SNO PRO	RIOT 600 WITH ATAC	RIOT 858	RIOT 858 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Front Track Shock	Hydraulic Twin Tube	Hydraulic Twin Tube	Arctic Cat IFF 1.5	ACSS	Arctic Cat IFF 1.5	Arctic Cat IFF 1.5	ACSS	Arctic Cat IFF 1.5
Rear Track Shock	Hydraulic Twin Tube	Hydraulic Twin Tube	Arctic Cat IFF 2.0	ACSS	FOX 2.0 ZERO IQS	Arctic Cat IFF 2.0	ACSS	FOX 2.0 ZERO IQS
Rear Travel	12.5 in	12.5 in	13.5 in	13.5 in	13.5 in	13.5 in	13.5 in	13.5 in

DIMENSIONS

	RIOT 400	RIOT 600	RIOT 600 SNO PRO	RIOT 600 WITH ATAC	RIOT 858	RIOT 858 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Overall Chassis Length	120 in	120 in	130.5 in	130.5 in	130.5 in	130.5 in	130.5 in	130.5 in
Overall Chassis Width	44-45 in	44-45 in	48-49 in	48-49 in	48-49 in	48-49 in	48-49 in	48-49 in
Overall Chassis Height	45 in	45 in	49 in	49 in	49 in	49 in	49 in	49 in
Track Type	Cobra	Cobra	Cobra	Cobra or Hurricane	Cobra or Hurricane	Cobra	Cobra or Hurricane	Cobra or Hurricane
Track Width	15 in	15 in	15 in	15 in	15 in	15 in	15 in	15 in
Track Length	146 in	146 in	146 in	146 in	146 in	146 in	146 in	146 in
Log	1.60 in	1.60 in	1.35 in	1.35 in or 1.75 in	1.35 in or 1.75 in	1.35 in	1.35 in or 1.75 in	1.35 in or 1.75 in
Pitch	2.86 in	2.86 in	2.86 in	2.86 in	2.86 in	2.86 in	2.86 in	2.86 in
Ski Stance	37.5-38.5 in - Adjustable	37.5-38.5 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable	38-40 in - Adjustable
Ski Type/Width	Trail - 6 in	Trail - 6 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in	G2 ProClimb - 7 in
Runner Type	Single Runner	Single Runner	Single Runner w/ Carbide	Single Runner w/ Carbide	Single Runner w/ Carbide	Single Runner w/ Carbide	Single Runner w/ Carbide	Single Runner w/ Carbide

INSTRUMENTATION

	RIOT 400	RIOT 600	RIOT 600 SNO PRO	RIOT 600 WITH ATAC	RIOT 858	RIOT 858 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Type of Gauge	Powersport	Powersport	Sport	Sport	Arctic Cat G8 (CAN w/o GRR)	Sport	Sport	Arctic Cat G8 (CAN w/o GRR)
Speedometer	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Tachometer	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Odometer	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Fuel	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Oil	Indicator Light	Indicator Light	LCD Icon	LCD Icon	Digital	LCD Icon	LCD Icon	Digital
Coolant	Indicator Light	Indicator Light	Digital Bar Graph	Digital Bar Graph	LCD Icon	Digital Bar Graph	Digital Bar Graph	LCD Icon
Clock	N/A	N/A	N/A	N/A	Digital	N/A	N/A	Digital
Battery Voltage	N/A	N/A	N/A	N/A	Digital	N/A	N/A	Digital
Altimeter	N/A	N/A	N/A	N/A	Digital	N/A	N/A	Digital
Hours	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital

FEATURES

	RIOT 400	RIOT 600	RIOT 600 SNO PRO	RIOT 600 WITH ATAC	RIOT 858	RIOT 858 SNO PRO	RIOT 858 WITH ATAC	RIOT 9000 WITH ATAC
Color	Black/Woody's Orange	Black/Woody's Orange	Black	Medium Green/Black	Sunset Orange/Woody's Orange	Black	Medium Green/Black	Sunset Orange/Woody's Orange
Heat Exchanger	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel	Front/Long Tunnel
Starter	Turkey Electric Start	Turkey Electric Start	Push-Button Electric Start	Push-Button Electric Start	Push-Button Electric Start	Push-Button Electric Start	Push-Button Electric Start	Push-Button Electric Start
Handlebars	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked	Hooked
Lighting	Halogen 1-Bulb	Halogen 1-Bulb	LED	LED	LED	LED	LED	LED
Seating	Mountain	Mountain	Trail	Trail	Trail	Trail	Trail	Trail
Standard Accessories	Hand & Thumb Warmers, Standard Brake Disc, Standard Steering, Tether Switch	Hand & Thumb Warmers, Standard Brake Disc, Standard Steering, Tether Switch	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, Hand & Thumb Warmers, Ice Scratchers, Standard Brake Disc, Ratio Steering, ATACH Rear Storage, Tether Switch, Visor Plug-Ins
Windshield	4 in Low Height	4 in Low Height	5.5 in Low Height	5.5 in Low Height	5.5 in Low Height	5.5 in Low Height	5.5 in Low Height	5.5 in Low Height

Vehicle specifications are subject to change.