

2027

BACKCOUNTRY™ ADRENALINE®

Loaded with crossover-specific features for spending equal time riding on- or off-trail.



BACKCOUNTRY ADRENALINE 146
600RR E-TEC SHOWN

// WHAT'S NEW

- Rotax® 600RR E-TEC® engine with smart ECO mode and Silent-Stop function
- Improved performance trail seat shape and ergonomics

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600RR E-TEC® engines available
- 2 options of ski stance: 39 in. for a true 50/50 on- and off-trail experience with the RAS™ X front suspension and 43 in. for a trail-oriented ride with the RAS™ RX front suspension
- Pilot™ DS 2 skis (39 in. ski stance) and Pilot™ RX skis (43 in. ski stance)
- 2 choices of tracks: 2 in. PowderMax¹ track for 39 in., 1.5 in. Storm 150 track for 43 in. ski stance
- High-quality KYB 36 shock package
- 4.5 in. digital display
- Electric starter
- Deep snow running boards with large openings
- Glove box with 1 US gal / 4 L of storage
- Low windshield with air deflectors
- pDrive™ clutch with clickers
- Transparent handguards
- Open toehold
- Belt-monitoring system (850 E-TEC® only)
- cMotion™ X rear suspension
- High-performance LED headlights
- Ice scratchers

ROTAX ENGINE	850 E-TEC	600RR E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Horsepower*	165	130
Cylinders – Displacement	2 – 849 cc	2 – 599.4 cc
Bore – Stroke (mm)	82 x 80.4	72.3 x 73
Fuel system	E-TEC® direct injection with additional booster injectors	E-TEC® direct injection with additional booster injectors
Fuel type – Octane	Premium unleaded – 91	Premium unleaded – 91
Fuel tank (L/US gal)	36 / 9.5	36 / 9.5
Oil tank capacity (L/qt)	3.4 / 3.6	3.4 / 3.6

POWERTRAIN		
Drive clutch	pDrive™ with clickers / QRS Vent	pDrive™ with clickers / QRS Vent
Driven clutch	Plus	
Drive sprocket pitch (mm/in.)	73 / 2.86	73 / 2.86

DRY WEIGHT		
Dry weight (lb)	475	466

DIMENSIONS		
Vehicle overall length (mm/in.)	3,174 / 125	
Vehicle overall width (mm/in.)	1,160 / 45.7 (adjustable, 39 in.) 1,211 / 47.8 (adjustable, 43 in.)	
Vehicle overall height (mm/in.)	1,283 / 50.5	
Ski stance (mm/in.)	1,000 / 39 (adjustable) 1,090 / 43 (adjustable)	
Available tracks (in.) <small>(Length x width x profile)</small>	39 in. ski stance: PowderMax ¹ : 146 x 16 x 2.0	43 in. ski stance: Storm 150: 146 x 15 x 1.5

COLOUR	
Arctic Desert	
Black	

SUSPENSION	
Front suspension	RAS™ X (39 in.) RAS™ RX (43 in.)
Front shock	KYB 36
Front suspension travel (mm/in.)	220 / 8.7 (39 in.) 264 / 10.4 (43 in.)
Rear suspension	cMotion X
Center shock	KYB 36
Rear shock	KYB 36
Rear suspension travel (mm/in.)	264 / 10.4

FEATURES	
Platform	REV® Gen5
Headlights	High-performance LED
Skis	Pilot DS 2 (39 in.) Pilot RX (43 in.)
Seating	Trail narrow – performance
Handlebar	With J-hooks / Transparent handguards
Riser block height (mm/in.)	120 / 4.7
Starter	Electric Starter
Reverse	RER™
Brake system	Brembo
Heated throttle lever/grips	Standard
Gauge type	4.5 in. digital display
Windshield	Low
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Standard/Standard

2027 BACKCOUNTRY ADRENALINE

// FEATURE HIGHLIGHTS



1 Rotax 600RR E-TEC engine

Built with racing performance in mind, the 600RR E-TEC powerhouse delivers a sharp 20% more throttle response, instantaneous power delivery with 5 additional HP for a total of 130 HP and an air-fuel ratio precisely optimized for peak efficiency.



2 Rotax 850 E-TEC engine

Incredible power and unmatched dynamic response with exclusive E-TEC direct-injection technology. Plasma-coated, mono-block cylinders are used for exceptional durability, while the precision of E-TEC injection means you get excellent fuel and oil economy.



3 Trail performance seat

Engineered for trail riding, the new seat features an upright design for better posture, reduced forward tilt for enhanced stability, and optimized firmness for solid support. A slightly wider profile adds comfort without sacrificing performance.



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4 cMotion™ X rear suspension

Completely new lighter design is better balanced for performance on- and off-trail. Perfectly balanced weight transfer for an increased fun factor and more travel for more comfort and bump absorption.



5 RAS™ RX front suspension with wider 43 in. ski stance

The Backcountry™ Adrenaline® equipped with the 43-inch-wide ski stance combined with RAS™ RX front suspension improves its on-trail cornering stability while maintaining traction and flotation in deeper snow.



6 Pilot™ RX skis for 43 in. ski stance

The aggressive design of the Pilot™ RX ski offers better grip, enhanced cornering and unparalleled control in all snow conditions.

ski-doo®

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