

2024

BACKCOUNTRY™ ADRENALINE®

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



BACKCOUNTRY ADRENALINE
600R E-TEC SHOWN



BACKCOUNTRY ADRENALINE
146 850 E-TEC SHOWN

// WHAT'S NEW

- REV® Gen5 platform
- cMotion™ X rear suspension
- Ice scratchers
- LED headlights

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600R E-TEC engines available
- High-quality KYB® shock package
- 4.5 in. digital display
- RAS™ X front suspension
- Electric starter
- Deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield with deflectors
- Optional PowderMax® 146 x 16 x 2.0 in. track
- pDrive™ clutch with clickers
- Transparent handguards
- Open toe-hold
- Pilot™ DS 2 skis
- Adjustable ski stance
- Belt-monitoring system (850 E-TEC only)

ROTAX ENGINE

	850 E-TEC	600R E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE
Horsepower*	165	125
Cylinders – Displacement	2 – 849 cc	2 – 599.4 cc
Bore – Stroke (mm)	82 – 80.4	72.3 – 73
Carburation	E-TEC direct injection with additional booster injectors	E-TEC direct injection
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

	850 E-TEC	600R E-TEC
Drive clutch	pDrive with clickers	pDrive with clickers
Driven clutch	QRS Vent Plus	QRS Vent
Drive sprocket pitch (mm/in.)	73/2.86	73/2.86

DRY WEIGHT

	850 E-TEC	600R E-TEC
Dry weight (lb)	478	463

DIMENSIONS

	850 E-TEC	600R E-TEC
Vehicle overall length (mm/in.)	3,174/125	
Vehicle overall width (mm/in.)	1,140 to 1,180/44.9 to 46.5	
Vehicle overall height (mm/in.)	1,283/50.5	
Ski stance (mm/in.)	1,000/39 (adjustable)	
Available tracks (in.)	Cobra:	
[Length x width x profile]	146 x 15 x 1.6 PowderMax: 146 x 16 x 2.0	

COLOR

Neo Yellow	
Black	

SUSPENSION

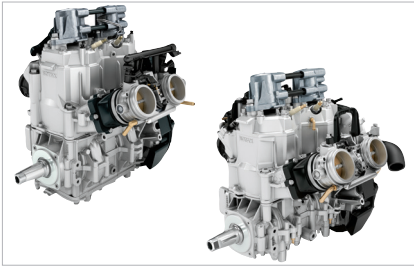
	850 E-TEC	600R E-TEC
Front suspension	RAS X	
Front shock	KYB 36	
Front suspension travel (mm/in.)	220/8.7	
Rear suspension	cMotion X	
Center shock	KYB 36	
Rear shock	KYB 36	
Rear suspension travel (mm/in.)	264/10.4	

FEATURES

	850 E-TEC	600R E-TEC
Platform	REV® Gen5	
Headlights	High-performance LED	
Skis	Pilot DS 2	
Seating	Trail narrow	
Handlebar	U-shaped aluminum with J-hooks/ Transparent handguards	
Riser block height (mm/in.)	120/4.7	
Starter	Electric	
Reverse	RER™	
Brake system	Brembo®	
Heated throttle lever/grips	Standard	
Gauge type	4.5 in. digital	
Windshield	Low	
Runner (in.) – Carbide (in.)	3/8 square – 4	
Bumpers (front/rear)	Std/Std	

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// FEATURE HIGHLIGHTS



1 Rotax 850 E-TEC and 600R E-TEC engines

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.



2 REV Gen5 Crossover platform

REV Gen5 Crossover platform takes the best elements of trail and deep-snow to offer an ideal solution for riders who demand optimum performance everywhere.



3 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.



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4 Deep-snow running boards

Massive, strategically shaped openings keep the boards clear. A tall extruded edge adds stiffness and has aggressive boot grips.



5 Pilot DS 2 skis

Single keel with excellent sidehilling bite, thanks to thin outer edges. Narrow and thin, yet stiff. Shorter behind the spindle with flat tail for easier counter-steering and sidehilling.



6 pDrive clutch with clickers

Clicker ramps allow easy adjustment for top RPM. Ultra-responsive shifting, impressive RPM consistency, lightweight and maintenance-free.

ski-doo

