

2025

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

// PACKAGE HIGHLIGHTS

- REV® Gen5 platform
- Rotax® 850 E-TEC® and 600R E-TEC engines available
- High-quality KYB® 36 shock package
- 4.5 in. digital display
- RAS™ X crossover front suspension with 39 in. ski stance
- Electric starter
- Deep snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield with air 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)
- cMotion™ X rear suspension
- Premium LED headlights
- Ice scratchers

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
Fuel system	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)	477	468

DIMENSIONS

	850 E-TEC	600R E-TEC
Vehicle overall length (mm/in.)	3,174/125	
Vehicle overall width (mm/in.)	1,160/45.7 (adjustable)	
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

Catalyst Grey and Black	
Black	

SUSPENSION

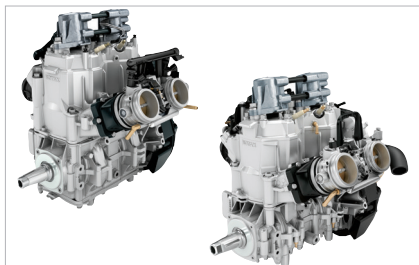
Front suspension	RAS X
Front shock	KYB 36
Front suspension travel (mm/in.)	220/8.7
Rear suspension	cMotion X
Center shock	KYB 36
Rear shock	KYB 36
Rear suspension travel (mm/in.)	264/10.4

FEATURES

Platform	REV® Gen5
Headlights	High-performance LED
Skis	Pilot DS 2
Seating	Trail narrow
Handlebar	Standard with J-hooks/ Transparent handguards
Riser block height (mm/in.)	120/4.7
Starter	Electric
Reverse	RER™
Brake system	Brembo ¹
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

