

2025

BACKCOUNTRY™ SPORT

For the value-oriented 50-50 rider wanting an advanced platform and modern engine technology.



BACKCOUNTRY SPORT
146 600 EFI SHOWN

// PACKAGE HIGHLIGHTS

- Rotax® 600 EFI engine
- 4.5 in. digital display
- RAS™ X crossover front suspension with 39 in. ski stance
- cMotion™ rear suspension
- Electric starter
- Deep snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield
- pDrive™ clutch
- Brembo¹ brake
- Standard with two sets of Lin0® attachment points
- Pilot™ DS 2 skis
- Adjustable ski stance

ROTAX ENGINE

	600 EFI
Engine details	Liquid-cooled, two-stroke
Horsepower*	85
Cylinders - Displacement	2 - 599.4 cc
Bore - Stroke (mm)	72.3 - 73
Fuel system	EFI
Fuel type - Octane	Regular unleaded - 87
Fuel tank (L/US gal)	36/9.5
Oil tank capacity (L/qt)	3.4/3.6

POWERTRAIN

Drive clutch	pDrive
Driven clutch	QRS
Drive sprocket pitch (mm/in.)	73/2.86

DRY WEIGHT

Dry weight (lb)	447
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DIMENSIONS

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 ¹ :
	146 x 16 x 2.0

COLOR

Neo Yellow and Black

SUSPENSION

Front suspension	RAS X
Front shock	Motion Control
Front suspension travel (mm/in.)	220/8.7
Rear suspension	cMotion
Center shock	Motion Control
Rear shock	KYB 36
Rear suspension travel (mm/in.)	239/9.4

FEATURES

Platform	REV® Gen4
Headlights	Halogen
Skis	Pilot DS 2
Seating	Trail narrow compact
Handlebar	Standard with J-hooks
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 600 EFI engine

600cc-class fuel-injected engine delivering 85 horsepower and outstanding economy at an incredible value. Design based on the 600R E-TEC® with proven reliability and ease of ownership at its core with an outsized fun factor.

[See website for image]

2 Electric start

Saves time and energy, adding immense value for the rider.



3 cMotion rear suspension

Crossover-specific suspension uses best principles of the rMotion™ trail and tMotion™ mountain skis for confident cornering and agile boondocking.



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4 RAS X crossover front suspension

An updated version of our RAS X trail front end for capability on- and off-trail. Light steering feel optimized for crossover usage with adjustable stance.



5 Pilot DS2 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 Ergo-step side panels

Design offers natural progression to any of three riding positions for cornering on-trail, from neutral to extreme-forward position.

ski-doo

