

2023

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
- Compact digital display
- RAS™ X crossover front suspension
- 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
- Brembo® brake
- Standard with two sets of LinQ® 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
Carburation	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	73 mm/2.86 in.

DRY WEIGHT

Dry weight	446 lb
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DIMENSIONS

Overall vehicle length	3,174 mm/125 in.
Overall vehicle width	1,140 to 1,180 mm/44.9 to 46.5 in.
Overall vehicle height	1,283 mm/50.5 in.
Ski stance	1,000 mm/39 in. adjustable
Track	Cobra:
(Length x Width x Profile)	146 x 15 x 1.35 in.
	PowderMax®:
	146 x 16 x 2.0 in. opt.

COLOR

Neo Yellow / Black	
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SUSPENSION

Front suspension	RAS X
Front shock	Motion Control
Front suspension travel	220 mm/8.7 in.
Rear suspension	cMotion
Center shock	Motion Control
Rear shock	HPG®
Rear suspension travel	239 mm/9.4 in.

FEATURES

Platform	REV® Gen4
Skis	Pilot DS 2
Seating	Trail compact
Handlebar	U-shaped aluminum with J-hooks
Riser block height	120 mm/4.7 in.
Starter	Electric
Reverse	RER™
Brake system	Brembo
Heated throttle lever/grips	Standard
Gauge type	Compact digital display
Windshield	360 mm/14 in.
Runner - Carbide	Square 3/8 in. - 4 in.
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.



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 skids 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

