

2023 BACKCOUNTRY™ X®

A 50-50 sled with the most advanced technology, plus off-trail capability and rough-trail performance.



BACKCOUNTRY X
146 850 E-TEC SHOWN



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// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- High-performance shock package
- 7.8 in. wide LCD display with BRP Connect available
- RAS™ X crossover front suspension
- cMotion™ rear suspension
- Improved deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield
- Backlit multifunction handlebar controls
- pDrive™ clutch with clickers
- Transparent handguards
- Open toe-hold
- Pilot™ DS 2 skis
- Adjustable ski stance
- Belt monitoring system

ROTAX ENGINE

	850 E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™
Horsepower	165
Cylinders - Displacement	2 - 849 cc
Bore - Stroke (mm)	82 - 80.4
Carburation	E-TEC direct injection with additional booster injectors
Fuel type - Octane	Premium unleaded - 91
Fuel tank (L/US gal)	36/9.5
Oil tank capacity (L/qt)	3.4/3.6

POWERTRAIN

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

DRY WEIGHT

Dry weight	462 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: 146 x 15 x 1.6 in.
(Length x Width x Profile)	Ice Cobra: 146 x 15 x 1.6 in. PowderMax™: 146 x 16 x 2.0 in.

COLOR

Catalyst Grey / Spartan Red	
Timeless Black	

SUSPENSION

Front suspension	RAS X
Front shock	HPG ⁺ Plus
Front suspension travel	220 mm/8.7 in.
Rear suspension	cMotion
Center shock	HPG Plus
Rear shock	KYB ⁺ Pro 36 EA
Rear suspension travel	239 mm/9.4 in.

FEATURES

Platform	REV® Gen4
Skis	Pilot DS 2
Seating	Trail performance
Handlebar	U-shaped aluminum with J-hooks/ Transparent handguards
Riser block height	120 mm/4.7 in.
Starter	Electric
Reverse	RER™
Brake system	Brembo ⁺
Heated throttle lever/grips	Standard
Gauge type	7.2 in. digital Large panoramic 7.8 in. wide LCD color display in option
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 850 E-TEC engine

Next generation of the most advanced direct-injection 2-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



2 Premium shock package

HPG Plus front and center shocks. KYB Pro 36 Easy-Adjust rear shock featuring compression adjustment. All four shocks are aluminum and rebuildable/revalvable.



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 Large panoramic 7.8 in. wide LCD color display available

Wide-screen full-color display lets riders truly customize their ride from behind the bars. Choose your preferred sled info, and see app-integrated information in a split-screen format with GPS, Bluetooth® music, helmet-to-helmet communication and more.



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.

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