

2027 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

// WHAT'S NEW

- Improved performance trail seat shape and ergonomics

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- 2 options of ski stance: 39 in. for a true 50/50 on- and off-trail experience with the RAS™ X front suspension and 43 in. for a trail-oriented ride with the RAS™ RX front suspension
- Pilot™ DS 2 skis (39 in. ski stance) and Pilot™ RX skis (43 in. ski stance)
- Choices of tracks: 2 in. PowderMax¹ track for 39 in., 2 choices of tracks for 43 in. ski stance: 1.5 in. Storm 150 and 1.5 in. Ice Storm 150 tracks
- High-performance KYB shock package
- 10.25 in. touchscreen display featuring BRP Connect, built-in GPS with Group Ride
- Deep snow running boards with large openings
- Glove box with 1 US gal / 4 L of storage
- Low windshield with air deflectors
- Backlit multifunction handlebar controls
- pDrive™ clutch with clickers
- Transparent handguards
- Open toehold
- Belt-monitoring system
- cMotion™ X rear suspension
- Premium high-performance LED headlights
- Precision rack steering system
- Ice scratchers

ROTAX ENGINE

	850 E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™
Horsepower*	165
Cylinders – Displacement	2 – 849 cc
Bore – Stroke (mm)	82 x 80.4
Fuel system	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 / QRS Vent Plus
Driven clutch	
Drive sprocket pitch (mm/in.)	73 / 2.86

DRY WEIGHT

Dry weight (lb)	462
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DIMENSIONS

Vehicle overall length (mm/in.)	3,174 / 125
Vehicle overall width (mm/in.)	1,160 / 45.7 (adjustable, 39 in.) 1,211 / 47.8 (adjustable, 43 in.)
Vehicle overall height (mm/in.)	1,283 / 50.5
Ski stance (mm/in.)	1,000 / 39 (adjustable) 1,090 / 43 (adjustable)
Available tracks (in.) (Length x width x profile)	39 in. ski stance: PowderMax ¹ : 146 x 16 x 2.0 43 in. ski stance: Storm 150: 146 x 15 x 1.5 Ice Storm 150: 146 x 15 x 1.5

COLOUR

Orange Crush	
Black	

SUSPENSION

Front suspension	RAS™ X (39 in.) RAS™ RX (43 in.)
Front shock	KYB 36 Plus
Front suspension travel (mm/in.)	220 / 8.7 (39 in.) 264 / 10.4 (43 in.)
Rear suspension	cMotion X
Center shock	KYB 36 Plus
Rear shock	KYB PRO 36 EA-3
Rear suspension travel (mm/in.)	264 / 10.4

FEATURES

Platform	REV® Gen5
Headlights	Premium high-performance LED
Skis	Pilot DS 2 (39 in.) Pilot RX (43 in.)
Seating	Trail narrow – performance
Handlebar	Tapered 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	7.2 in. digital display 10.25 in. touchscreen display
Windshield	Low
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Standard/Standard

// FEATURE HIGHLIGHTS



1 Rotax 850 E-TEC engine

Incredible power and unmatched dynamic response with exclusive E-TEC direct-injection technology. Exceptional, proven durability and excellent fuel and oil economy.



2 Trail performance seat

Engineered for trail riding, the new seat features an upright design for better posture, reduced forward tilt for enhanced stability, and optimized firmness for solid support. A slightly wider profile adds comfort without sacrificing performance.



3 RAS™ RX front suspension with wider 43 in. ski stance

The Backcountry™ X® equipped with the 43-inch-wide ski stance combined with RAS™ RX front suspension improves its on-trail cornering stability while maintaining traction and flotation in deeper snow.



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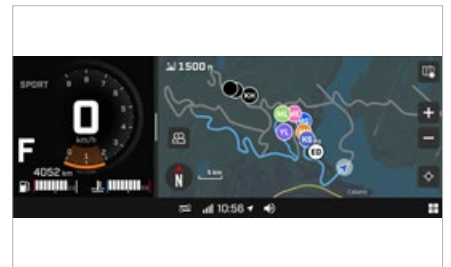
4 cMotion™ X rear suspension

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.



5 Pilot™ RX skis for 43 in. ski stance

The aggressive design of the Pilot™ RX ski offers better grip, enhanced cornering and unparalleled control in all snow conditions.



6 10.25 in. Touchscreen Display with BRP Connect, featuring Built-In GPS with Group Ride

View the live location of members of your group while independently seeing other riders around, without the need for a phone connection or cellular network access. Benefit from a map layer and trails,* track your current ride and see previous. For more, use your phone with the free BRP GO! app.

ski-doo®

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