

2020

BACKCOUNTRY X-RS®

PACKAGE HIGHLIGHTS

- REV® Gen4 platform with narrow-design bodywork
- Rotax® 850 E-TEC® engine
- E-TEC® SHOT™ starter
- pDrive™ clutch with clickers
- cMotion™ rear suspension
- RAS™ 3 front suspension
- 146 in. track choice: 15 x 146 x 1.6 in. Cobra or Ice Cobra or 16 x 146 x 2.0 in. PowderMax¹
- **154 in. track choice: 16 x 154 x 2.0 or 2.5 in. PowderMax¹**
- KYB Pro 36 R front shocks and KYB Pro 40 rear shocks aluminum piggyback with Easy-Adjust compression adjuster (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- RER™ electronic reverse
- Adjustable ski stance
- RF D.E.S.S.™ key
- Trail performance seat
- Transparent handguards
- Warm glove box with 4 L / 1 US gal of storage
- Open toe-hold
- **7.2-in. wide digital display**
- RS running boards
- **ULTIMATE Lava Red and White color with panel wrap:** Supreme look and finish, maximum protection
- Backlit multifunction handlebar controls



BACKCOUNTRY™ X-RS® 154 850 E-TEC® shown

ROTAX® ENGINE

850 E-TEC®

Engine details	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2
Displacement	849 cc / 51.9 in. ³
Bore	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.
Maximum engine speed	7,900 RPM
Carburation	E-TEC® direct injection with additional booster injectors
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt

POWERTRAIN

Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	3,300 RPM
Small sprocket number of teeth	21 (Cobra 1.6, Ice Cobra 1.6, PowderMax¹ 2.5) 23 (PowderMax¹ 2.0)
Large sprocket number of teeth	45 (Cobra 1.6, Ice Cobra 1.6) 51 (PowderMax¹ 2.0 and 2.5)
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm / 7.2 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

214 kg / 471 lb (146 in.)
220 kg / 484 lb (154 in.)

FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
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, SHOT (opt.)
Reverse	RER™
Heated throttle lever/ grips	Standard
Gauge	7.2-in. wide digital display

Mirrors	Optional
Windshield	Optional
Runner	Round 7/16
Carbide configuration	102 mm / 4 in. at 90°
Hitch	Optional

COLOR

ULTIMATE Lava Red / White

Black

DIMENSIONS

Vehicle overall length	3,110 mm / 122.4 in. (146 in.) 3,312 mm / 130.4 in. (154 in.)
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,229 mm / 48.4 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
Ski overall length	1,049 mm / 41.3 in.
Track nominal width	381 mm / 15 in. Cobra or Ice Cobra or 406 mm / 16 in. PowderMax¹
Track nominal length	3,705 mm / 146 in. 3,912 mm / 154 in.
Track profile height	40.6 mm / 1.6 in. Cobra (146 in.) 50.8 mm / 2.0 in. PowderMax¹ (154 in.)
Optional track	50.8 mm / 2.0 in. PowderMax¹ (146 in.) 40.6 mm / 1.6 in. Ice Cobra (146 in.) 63.5 mm / 2.5 in. PowderMax¹ (154 in.)

SUSPENSION

Front suspension	RAS™ 3
Front shock	KYB¹ Pro 36 R Easy-Adjust
Front suspension max. travel	220 mm / 8.7 in.
Rear suspension	cMotion™
Center shock	KYB¹ Pro 40 Easy-Adjust
Rear shock	KYB¹ Pro 40 Easy-Adjust
Rear suspension max. travel	239 mm / 9.4 in.



BACKCOUNTRY™ X-RS® 146 850 E-TEC® shown



BACKCOUNTRY™ X-RS® 154 850 E-TEC® shown

FEATURE HIGHLIGHTS



E-TEC® SHOT™ starter

Push-button starting with almost no added weight. Uses energy stored in the lightweight ultracapacitor to turn the magneto and with E-TEC® technology, starts the engine.



Rotax® 850 E-TEC® engine

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



cMotion™ 146 or 154 rear suspension

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



RS running boards

Designed for aggressive stand-up riding, they are flatter for most of their length, wider and strong. Thicker aluminum sheet, plus front and rear reinforcements to withstand tough landings.



7.2-in. wide digital display

All-digital LCD gauge with customizable display with flatter viewing angle provides riders with preferred info that's easy to see sitting or standing.

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard