

2020 BACKCOUNTRY X

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
- 15 x 146 x 1.6 in. Cobra or Ice Cobra or 16 x 146 x 2.0 in. PowderMax¹ track choice
- KYB¹ Pro 36 aluminum piggyback rear shock with Easy-Adjust compression adjusters (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- RER™ electronic reverse
- Adjustable ski stance
- RF D.E.S.S.™ key
- Performance trail seat
- Transparent handguards
- Warm glove box with 4 L / 1 US gal of storage
- Open toe-hold
- **7.2-in. wide digital display**
- Backlit multifunction handlebar controls
- **Improved deep snow running boards with large openings**



BACKCOUNTRY™ X® 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) 23 (PowderMax ¹ 2.0)
Large sprocket number of teeth	45 (Cobra 1.6, Ice Cobra 1.6) 51 (PowderMax ¹ 2.0)
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

209 kg / 461 lb

FEATURES

Frame	REV® Gen4	Riser block height	120 mm / 4.7 in.	Mirrors	Optional
Bodywork	Narrow design	Starter	Electric, SHOT (opt.)	Windshield	360 mm / 14 in.
Skis	Pilot™ DS 2	Reverse	RER™	Runner	Square 3/8
Seating	Trail performance	Heated throttle lever/ grips	Standard	Carbide configuration	102 mm / 4 in. at 90°
Handlebar	U-shaped aluminum with J-hooks / Transparent handguards	Gauge	7.2-in. wide digital display	Hitch	Optional

COLOR

Sunburst Yellow / Black 
Black 

DIMENSIONS

Vehicle overall length	3,110 mm / 122.4 in.
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,274 mm / 50.2 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. PowderMax ¹
Track nominal length	3,705 mm / 146 in.
Track profile height	40.6 mm / 1.6 in. Cobra
Optional track	50.8 mm / 2.0 in. PowderMax ¹ 40.6 mm / 1.6 in. Ice Cobra

SUSPENSION

Front suspension	RAS™ 3
Front shock	HPG™ Plus
Front suspension max. travel	220 mm / 8.7 in.
Rear suspension	cMotion™
Center shock	HPG™ Plus
Rear shock	KYB ¹ Pro 36 Easy-Adjust
Rear suspension max. travel	239 mm / 9.4 in.



BACKCOUNTRY™ X® 850 E-TEC® shown



BACKCOUNTRY™ X® 850 E-TEC® shown

FEATURE HIGHLIGHTS



cMotion™ rear suspension

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



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.



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.



pDrive™ clutch

Fast and friction-free dual rollers transfer torque in place of traditional sliding buttons. Ultra-responsive shifting, impressive RPM consistency and lightweight.



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