

2021 BACKCOUNTRY

// PACKAGE HIGHLIGHTS

- REV® Gen4 platform with narrow-design bodywork
- Rotax® 600R E-TEC® engine
- pDrive™ clutch with clickers
- cMotion™ rear suspension
- RAS™ 3 front suspension
- 15 x 146 x 1.6 in. Cobra track
- Brembo brake with braided stainless-steel brake line
- Adjustable ski stance
- Standard electric start
- Performance trail seat
- Warm glove box with 4 L of storage
- Handlebar controls
- Improved deep snow running boards with large openings
- 4.5-in. digital display
- Transparent handguards



BACKCOUNTRY™ 850 E-TEC® SHOWN

ROTAX® ENGINE

600R E-TEC®

Engine details	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2
Displacement	599.4 cc
Bore	72.3 mm
Stroke	73 mm
Maximum engine speed	8,100 RPM
Carburation	E-TEC® direct injection
Recommended fuel type	Unleaded 95
Fuel tank	36 L
Oil tank capacity	3.4 L


POWERTRAIN

Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	3,400 RPM
Small sprocket number of teeth	23
Large sprocket number of teeth	51
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm
Drive sprocket pitch	73 mm
Brake system	Brembo brake with stainless-steel braided brake line

SUSPENSION

Front suspension	RAS™ 3
Front shock	HPG™ Plus
Front suspension travel	220 mm
Rear suspension	cMotion™
Center shock	HPG™
Rear Shock	HPG™
Rear suspension travel	239 mm

COLOR

Lava Red / Black 

DIMENSIONS

Vehicle overall length	3,174 mm
Vehicle overall width	1,140 to 1,180 mm
Vehicle overall height	1,283 mm
Ski stance	975 or 1,020 mm
Track (Length x Width x Profile)	Cobra: 146 x 15 x 1.6 in. (3,705 x 381 x 41 mm)

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
Starter	Electric
Reverse	RER™
Heated throttle lever / grips	Standard
Gauge type	4.5-in. digital display
Windshield	360 mm
Runner	Square 3/8
Carbide configuration	102 mm at 90°
Bumpers (Front/Rear)	Std / Std

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// 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® 600R E-TEC® engine

Incredible power and unmatched dynamic response with exclusive E-TEC® direct-injection technology. Plasma-coated, mono-block cylinders are used for exceptional durability, while the precision of E-TEC® injection means you get excellent fuel and oil economy.



pDrive™ clutch

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



Cobra 15 x 146 x 1.6 in. track

This track features combination of flexible cupped lugs for superior off-trail performance and more rigid lugs for added traction on hard-packed snow.



4.5-in. digital display

All-digital LCD gauge cluster with flatter viewing angle for an easy-to-read info center whether standing or sitting.



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.