

2021 BACKCOUNTRY

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// PACKAGE HIGHLIGHTS

- REV[™] Gen4 platform with narrow-design bodywork
- Rotax[®] 850 E-TEC[®] and 600R E-TEC[®] engines
- 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 / 1 US gal of storage
- Handlebar controls
- Improved deep snow running boards with large openings
- 4.5-in. digital display
- Transparent handguards



BACKCOUNTRY[™] 850 E-TEC[®] SHOWN



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ROTAX [®] ENGINE	850 E-TEC [®]	600R E-TEC [®]
Engine details	Liquid-cooled, two-stroke, eRAVE [™]	Liquid-cooled, two-stroke, eRAVE [™]
Cylinders	2	2
Displacement	849 cc / 51.9 in. ³	599.4 cc / 36.6 in. ³
Bore	82 mm / 3.2 in.	72.3 mm / 2.85 in.
Stroke	80.4 mm / 3.2 in.	73 mm / 2.87 in.
Maximum engine speed	7,900 RPM	8,100 RPM
Carburation	E-TEC [®] direct injection with additional booster injectors	E-TEC [®] direct injection
Recommended fuel type	Premium unleaded	Premium unleaded
Minimum octane	91	91
Fuel tank	36 L / 9.5 US gal	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt	3.4 L / 3.6 qt

DRY WEIGHT	219 kg / 483 lb	212 kg / 466 lb
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POWERTRAIN		
Drive clutch type	pDrive [™] with clickers	pDrive [™] with clickers
Driven clutch type	QRS	QRS
Engagement	3,300 RPM	3,400 RPM
Small sprocket number of teeth	21	23
Large sprocket number of teeth	45	51
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Drive sprocket pitch	73 mm / 2.86 in.	73 mm / 2.86 in.
Brake system	Brembo brake with stainless-steel braided brake line	Brembo brake with stainless-steel braided brake line

SUSPENSION	
Front suspension	RAS [™] 3
Front shock	HPG [™] Plus
Front suspension travel	220 mm / 8.7 in.
Rear suspension	cMotion [™]
Center shock	HPG [™]
Rear Shock	HPG [™]
Rear suspension travel	239 mm / 9.4 in.

COLOR	
Lava Red / Black	
Black	

DIMENSIONS	
Vehicle overall length	3,174 mm / 125 in.
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,283 mm / 50.5 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
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 / 4.7 in.
Starter	Electric
Reverse	RER [™]
Heated throttle lever / grips	Standard
Gauge type	4.5-in. digital display
Windshield	360 mm / 14 in.
Runner	Square 3/8
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std

// 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[®] and 600R E-TEC[®] engines

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.

ski-doo

