

ski-doo®

2022 BACKCOUNTRY MODELS



2022 BACKCOUNTRY™

Loaded with crossover-specific features for spending equal time riding on- or off-trail.



BACKCOUNTRY™
146 850 E-TEC® SHOWN

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600R E-TEC engines available
- High-quality HPG shock package
- 4.5 in. digital display
- RAS™ 3 front suspension
- cMotion™ rear suspension
- Electric starter
- Improved deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield with deflectors
- pDrive™ clutch with clickers
- Transparent handguards
- Open toe-hold
- NEW standard with two sets of LinQ attachment points
- DS 2 skis
- Adjustable ski stance
- Belt monitoring system (850 E-TEC only)

ROTAX® ENGINE

| | 850 E-TEC® | 600R E-TEC® |
|--------------------------|---|-----------------------------------|
| Engine details | Liquid-cooled, two-stroke, eRAVE™ | Liquid-cooled, two-stroke, eRAVE™ |
| Horsepower | 165 | 125 |
| Cylinders – Displacement | 2 – 849 cc | 2 – 599.4 cc |
| Bore – Stroke | 82 mm – 80.4 mm | 72.3 mm – 73 mm |
| Carburation | E-TEC® direct injection with additional booster injectors | E-TEC® direct injection |
| Fuel type – Octane | Premium unleaded – 91 | Premium unleaded – 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 |

POWERTRAIN

| | | |
|----------------------|-----------------------|-----------------------|
| Drive clutch | pDrive™ with clickers | pDrive™ with clickers |
| Driven clutch | QRS Vent Plus | QRS Vent |
| Drive sprocket pitch | 73 mm/2.86 in. | 73 mm/2.86 in. |

DRY WEIGHT

| | | |
|------------|---------------|---------------|
| Dry weight | 219 kg/483 lb | 212 kg/466 lb |
|------------|---------------|---------------|

DIMENSIONS

| | |
|-------------------------------------|------------------------------------|
| Overall vehicle length | 3,174 mm/125 in. |
| Overall vehicle width | 1,140 to 1,180 mm/44.9 to 46.5 in. |
| Overall vehicle 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. |

COLOR

Catalyst Grey / Octane Blue

Black

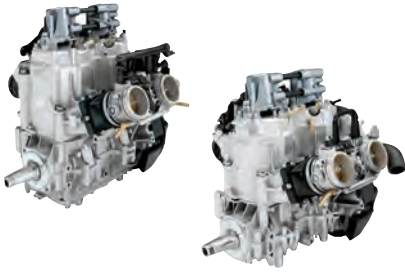
SUSPENSION

| | |
|-------------------------|----------------|
| 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. |

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™ |
| Brake system | Brembo brake with stainless-steel braided brake line |
| Heated throttle lever/grips | Standard |
| Gauge type | 4.5 in. digital display |
| Windshield | 360 mm/14 in. |
| Runner – Carbide | Square 3/8 – 4 in. |
| Bumpers (front/rear) | Std/Std |

// FEATURE HIGHLIGHTS



1 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.



2 High-quality HP6 shock package

Extremely capable high-pressure gas shocks by KYB.



3 cMotion™ rear suspension

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



BACKCOUNTRY™
146 850 E-TEC® SHOWN



4 Deep-snow running boards

Massive, strategically shaped openings keep the boards clear. A tall extruded edge adds stiffness and has aggressive boot grips.



5 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.



6 pDrive™ clutch with clickers

Clicker ramps allow easy adjustment for top RPM. Ultra-responsive shifting, impressive RMP consistency, lightweight and maintenance-free.

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2022 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

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- High-performance shock package
- 7.8 in. wide LCD display with BRP Connect available
- RAS™ 3 front suspension
- cMotion™ rear suspension
- E-TEC® SHOT™ starter available
- Improved deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield
- Backlit multifunction handlebar controls
- pDrive™ clutch with clickers
- Transparent handguards
- Open toe-hold
- NEW standard with two sets of LinQ attachment points
- DS 2 skis
- Adjustable ski stance
- Belt monitoring system

ROTAX® ENGINE

| | 850 E-TEC® |
|--------------------------|---|
| Engine details | Liquid-cooled, two-stroke, eRAVE™ |
| Horsepower | 165 |
| Cylinders – Displacement | 2 – 849 cc |
| Bore – Stroke | 82 mm – 80.4 mm |
| Carburation | E-TEC® direct injection with additional booster injectors |
| Fuel type – Octane | Premium unleaded – 91 |
| Fuel tank | 36 L/9.5 US gal |
| Oil tank capacity | 3.4 L/3.6 qt |

POWERTRAIN

| | |
|----------------------|-----------------------|
| Drive clutch | pDrive™ with clickers |
| Driven clutch | QRS Vent Plus |
| Drive sprocket pitch | 73 mm/2.86 in. |

DRY WEIGHT

| | |
|------------|---------------|
| Dry weight | 209 kg/462 lb |
|------------|---------------|

DIMENSIONS

| | |
|----------------------------|---|
| Overall vehicle length | 3,174 mm/125 in. |
| Overall vehicle width | 1,140 to 1,180 mm/44.9 to 46.5 in. |
| Overall vehicle height | 1,283 mm/50.5 in. |
| Ski stance | 975 or 1,020 mm/38.4 or 40.2 in. |
| Track | Cobra: 146 x 15 x 1.6 in. |
| (Length x Width x Profile) | Ice Cobra: 146 x 15 x 1.6 in. opt. PowderMax®: 146 x 16 x 2.0 in. opt. |

COLOR

| | |
|----------------------------------|--|
| Scandinavian Blue / Orange Crush | |
| Black | |

SUSPENSION

| | |
|-------------------------|-------------------------|
| Front suspension | RAS™ 3 |
| Front shock | HPG™ Plus |
| Front suspension travel | 220 mm/8.7 in. |
| Rear suspension | cMotion™ |
| Center shock | HPG™ Plus |
| Rear shock | KYB® PRO 36 Easy-Adjust |
| Rear suspension travel | 239 mm/9.4 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. select configurations) |
| Reverse | RER™ |
| Brake system | Brembo racing brake with stainless-steel braided brake line |
| Heated throttle lever/grips | Standard |
| Gauge type | 7.2 in. wide digital display 7.8 in. wide LCD color display (opt.) |
| Windshield | 360 mm/14 in. |
| Runner – Carbide | Square 3/8 in. – 4 in. |
| Bumpers (front/rear) | Std/Std |

// FEATURE HIGHLIGHTS



1 Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection 2-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



2 Premium shock package

HPG Plus front and center shocks. KYB PRO 36 EA rear shock featuring compression adjustment with easy-adjust knob. All four shocks are aluminum and rebuildable/revolvable.



3 cMotion™ rear suspension

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



BACKCOUNTRY™ X®
146 850 E-TEC® SHOWN



4 Large panoramic 7.8 in. wide LCD color display available

Wide-screen full-color display lets riders truly customize their ride from behind the bars. Choose your preferred sled info, and see app integrated-information in a split-screen format with GPS, Bluetooth music, helmet-to-helmet communication and more.



5 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.



6 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.

ski-doo



2022

BACKCOUNTRY™ X-RS®

The most aggressive crossover vehicle with snocross attitude and go-anywhere capability.



// WHAT'S NEW

- Two *ULTIMATE* color options with panel wrap: supreme look and finish, maximum protection
- Standard with two sets of LinQ attachment points

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- High-performance KYB PRO shock package
- 7.8 in. wide LCD display with BRP Connect available
- RAS™ 3 front suspension
- cMotion™ rear suspension
- E-TEC® SHOT™ starter available
- RS running boards
- Glove box with 4 L/1 gal of storage
- Backlit multifunction handlebar controls
- pDrive™ clutch with clickers
- Transparent handguards
- Open toe-hold
- DS 2 skis
- Adjustable ski stance
- Belt monitoring system

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

ROTAX® ENGINE

| | 850 E-TEC® |
|--------------------------|---|
| Engine details | Liquid-cooled, two-stroke, eRAVE™ |
| Horsepower | 165 |
| Cylinders – Displacement | 2 – 849 cc |
| Bore – Stroke | 82 mm – 80.4 mm |
| Carburation | E-TEC® direct injection with additional booster injectors |
| Fuel type – Octane | Premium unleaded – 91 |
| Fuel tank | 36 L/9.5 US gal |
| Oil tank capacity | 3.4 L/3.6 qt |

POWERTRAIN

| | |
|----------------------|-----------------------|
| Drive clutch | pDrive™ with clickers |
| Driven clutch | QRS Vent Plus |
| Drive sprocket pitch | 73 mm/2.86 in. |

DRY WEIGHT

| | |
|------------|--|
| Dry weight | 214 kg/472 lb [146 in.] 220 kg/485 lb [154 in.] |
|------------|--|

DIMENSIONS

| | |
|-------------------------------------|---|
| Overall vehicle length | 3,174 mm/125 in. [146 in.] 3,284 mm/129.3 in. [154 in.] |
| Overall vehicle width | 1,140 to 1,180 mm/44.9 to 46.5 in. |
| Overall vehicle 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. Ice Cobra: 146 x 15 x 1.6 in. opt. PowderMax®: 146 x 16 x 2.0 in. opt. 154 x 16 x 2.0 in. 154 x 16 x 2.5 in. opt. |

COLOR

| | |
|--|--|
| <i>ULTIMATE</i> Liquid Titanium / Carbon Black | |
| <i>ULTIMATE</i> Black | |

SUSPENSION

| | |
|-------------------------|-------------------------------|
| Front suspension | RAS™ 3 |
| Front shock | KYB® PRO 36 R Easy-Adjust |
| Front suspension travel | 220 mm/8.7 in. |
| Rear suspension | cMotion™ |
| Center shock | KYB® PRO 40 Easy-Adjust |
| Rear shock | KYB® PRO 40 Easy-Adjust |
| Rear suspension travel | 239 mm/9.4 in. [154, 165 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. select configurations) |
| Reverse | RER™ |
| Brake system | Brembo racing brake with stainless-steel braided brake line |
| Heated throttle lever/grips | Standard |
| Gauge type | 7.2 in. wide digital display 7.8 in. wide LCD color display (opt.) |
| Windshield | Optional |
| Runner – Carbide | Round 7/16 – 4 in. |
| Bumpers (front/rear) | Std/Std |

2022 BACKCOUNTRY™ X-RS®

// FEATURE HIGHLIGHTS



1 Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection 2-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



2 High-performance KYB PRO shock package

Extreme-capability, extreme-durability shocks for control in the toughest conditions. Easy adjust-equipped for dialed-in compression and rebound.



3 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.



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



4 Large panoramic 7.8 in. wide LCD color display available

Wide-screen full-color display lets riders truly customize their ride from behind the bars. Choose your preferred sled info, and see app integrated-information in a split-screen format with GPS, Bluetooth music, helmet-to-helmet communication and more.



5 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.



6 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.

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2022 BACKCOUNTRY™ SPORT

For the value-oriented
50-50 rider wanting an
advanced platform and
modern engine technology.



BACKCOUNTRY™ SPORT
146 600 EFI SHOWN

// PACKAGE HIGHLIGHTS

- Rotax® 600 EFI engine
- RAS™ 3 front suspension
- cMotion™ rear suspension
- Electric starter
- Improved deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low windshield
- pDrive™ clutch
- Brembo brake with braided stainless-steel brake line
- NEW standard with two sets of LinQ attachment points
- DS 2 skis
- Adjustable ski stance

ROTAX® ENGINE

| | 600 EFI |
|--------------------------|---------------------------|
| Engine details | Liquid-cooled, two-stroke |
| Horsepower | 85 |
| Cylinders – Displacement | 2 – 599.4 cc |
| Bore – Stroke | 72.3 mm – 73 mm |
| Carburation | EFI |
| Fuel type – Octane | Regular unleaded – 87 |
| Fuel tank | 36 L/9.5 US gal |
| Oil tank capacity | 3.4 L/3.6 qt |

POWERTRAIN

| | |
|----------------------|----------------|
| Drive clutch | pDrive™ |
| Driven clutch | QRS |
| Drive sprocket pitch | 73 mm/2.86 in. |

DRY WEIGHT

| | |
|------------|---------------|
| Dry weight | 202 kg/446 lb |
|------------|---------------|

DIMENSIONS

| | |
|----------------------------|------------------------------------|
| Overall vehicle length | 3,174 mm/125 in. |
| Overall vehicle width | 1,140 to 1,180 mm/44.9 to 46.5 in. |
| Overall vehicle height | 1,283 mm/50.5 in. |
| Ski stance | 975 or 1,020 mm/38.4 or 40.2 in. |
| Track | Cobra: |
| (Length x Width x Profile) | 146 x 15 x 1.35 in. |
| | PowderMax®: |
| | 146 x 16 x 2.0 in. opt. |

COLOR

| | |
|-----------------------|--|
| Catalyst Grey / Black | |
|-----------------------|--|

SUSPENSION

| | |
|-------------------------|----------------|
| Front suspension | RAS™ 3 |
| Front shock | Motion Control |
| Front suspension travel | 220 mm/8.7 in. |
| Rear suspension | cMotion™ |
| Center shock | Motion Control |
| Rear shock | HPG™ |
| Rear suspension travel | 239 mm/9.4 in. |

FEATURES

| | |
|-----------------------------|--|
| Frame | REV® Gen4 |
| Bodywork | Narrow design |
| Skis | Pilot™ DS 2 |
| Seating | Trail compact |
| Handlebar | U-shaped aluminum with J-hooks |
| Riser block height | 120 mm/4.7 in. |
| Starter | Electric |
| Reverse | RER™ |
| Brake system | Brembo brake with stainless-steel braided brake line |
| Heated throttle lever/grips | Standard |
| Gauge type | Compact digital gauge |
| Windshield | 360 mm/14 in. |
| Runner – Carbide | Square 3/8 in. – 4 in. |
| Bumpers (front/rear) | Std/Std |

2022 BACKCOUNTRY™ SPORT

// FEATURE HIGHLIGHTS



1 Rotax® 600 EFI engine

600 cc-class fuel-injected engine delivering 85 horsepower and outstanding economy at an incredible value. Design based on the 600R E-TEC with proven reliability and ease of ownership at its core with an outsized fun factor.



3 cMotion™ rear suspension

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

2 Electric start

Saves time and energy, adding immense value for the rider.



BACKCOUNTRY™ SPORT
146 600 EFI SHOWN



4 RAS™ 3 front suspension

Similar geometry and steering to the RAS 3 mountain front end for capability and light steering feel on- and off-trail. Optimized for crossover usage, two ski stance positions dial in handling: 40.2 in. [102 cm] or 38.4 in. [97.5 cm].



5 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.



6 Ergo-step side panels

Design offers natural progression to three natural positions for different cornering styles, including a new, extreme-forward position.

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