

# 2021 SUMMIT® X® WITH EXPERT PACKAGE

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## // WHAT'S NEW

- Rotax® 850 E-TEC® Turbo engine available
- One-piece lightweight hood on all configuration
- E-TEC® SHOT™ starter standard
- 4.5-in. digital display
- 175 x 3.0 x 16 in. track choice
- Ultra compact and lightweight deep snow seat

## // PACKAGE HIGHLIGHTS

- Specialized package with dedicated configuration and features developed with our Backcountry Experts to conquer the most technical terrains
- Short tunnel with lightweight snowflap
- Rotax® 850 E-TEC® engine available
- RAS® 3 front suspension with lightweight ski spindle and revised ski stopper to reduce ski drag and improve predictability in technical sidehills
- REV® Gen4 platform with narrow-design bodywork
- Full-length extruded profile running boards with large openings
- tMotion™ rear suspension with ice scratchers and adjustable limiter strap
- Shock package with stiffer calibration: Kashima coated HPG Plus front shocks with lightweight springs, HPG Plus center shock with lightweight springs and KYB® Pro 36 rear shock aluminum piggyback with Easy-Adjust compression adjuster [22 clicks]
- PowderMax® Light with FlexEdge™ track choice: 16 x 154 x 2.5 or 3.0 in or 16 x 165 / 175 x 3.0 in.
- Two ULTIMATE color choices with panel wrap: Supreme look and finish, maximum protection
- Flexible handguards
- Short riser block (120 mm / 4.7 in.)
- Sea-level calibration available on select 850 E-TEC configurations



SUMMIT® X® WITH EXPERT PACKAGE  
165 850 E-TEC® TURBO SHOWN



SUMMIT® X® WITH EXPERT PACKAGE 154 850 E-TEC® TURBO SHOWN



SUMMIT® X® WITH EXPERT PACKAGE 165 850 E-TEC® TURBO SHOWN

ROTAX® ENGINE	850 E-TEC® Turbo	850 E-TEC®
Engine details	Liquid-cooled, two-stroke, turbocharged, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2	2
Displacement	849 cc / 51.9 in. <sup>3</sup>	849 cc / 51.9 in. <sup>3</sup>
Bore	82 mm / 3.2 in.	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.	80.4 mm / 3.2 in.
Maximum engine speed	7,900 RPM	7,900 RPM
Carburation	E-TEC® direct injection with additional booster injectors	E-TEC® direct injection with additional booster injectors
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
	208 kg / 458 lb [154 in.] 212 kg / 468 lb [165 in.] 215 kg / 474 lb [175 in.]	198 kg / 437 lb [154 in.] 202 kg / 446 lb [165 in.] 207 kg / 453 lb [175 in.]

## DRY WEIGHT

## POWERTRAIN

Drive clutch type	pDrive™ with clickers	pDrive™ with clickers
Driven clutch type	QRS	QRS
Engagement	3,800 RPM	Sea-Level: 3,300 RPM High Altitude : 3,600 RPM [154 - 165 in.] 3,900 [175 in.]
Small sprocket number of teeth	21	21
Large sprocket number of teeth	53	51 [154 in.] 53 [165 - 175 in.]
Drive sprocket number of teeth	6	6
Drive sprocket diameter	164 mm / 6.5 in.	164 mm / 6.5 in.
Drive sprocket pitch	89 mm / 3.5 in.	89 mm / 3.5 in.
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

## SUSPENSION

Front suspension	RAS® 3
Front shock	Kashima coated HPG™ Plus with lightweight springs
Front suspension travel	215 mm / 8.5 in.
Rear suspension	tMotion™ with adjustable limiter strap
Center shock	HPG™ Plus with lightweight spring
Rear Shock	KYB® Pro 36 Easy-Adjust
Rear suspension travel	239 mm / 9.4 in.

## COLOR

ULTIMATE Black / Catalyst Grey / Lava Red

ULTIMATE Steel Black Metallic

## DIMENSIONS

Vehicle overall length	3,188 mm / 125.5 in. [154 in.] 3,299 mm / 129.9 in. [165 in.] 3,454 mm / 136 in. [175 in.]
Vehicle overall width	1,080 to 1,110 mm / 42.5 to 43.7 in.
Vehicle overall height	1,306 mm / 51.4 in.
Ski stance	910 or 950 mm / 35.8 or 37.4 in.
Track (Length x Width x Profile)	PowderMax® Light with FlexEdge™: 154 x 16 x 3.0 in. [3,912 x 406 x 76 mm] 165 x 16 x 3.0 in. [4,178 x 406 x 76 mm] 175 x 16 x 3.0 in. [4,445 x 406 x 76 mm]

## FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
Skis	Pilot™ DS 3
Seating	Deep snow ultra compact and lightweight
Handlebar	Tapered U-shaped aluminum with J-hooks / Low grab handle / Flexible handguards
Riser block height	120 mm / 4.7 in.
Starter	SHOT
Reverse	RER™
Heated throttle lever / grips	Standard
Gauge type	4.5 in. digital display
Windshield	Optional
Runner	Square 3/8
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std

## // FEATURE HIGHLIGHTS



### Rotax 850 E-TEC® Turbo engine

The first-ever factory-built 2-stroke turbocharged engine in any industry. It boasts instant response and a full 165 HP up to 8,000 feet of elevation. Sophisticated design integrates flawlessly with the REV Gen4 platform for maximum agility. Factory install ensures peace of mind.



### Specialized ergonomics

Input from our team of Backcountry Experts resulted in a purpose-built sled for a better deep-snow experience with lower seat height, shorter riser, smaller diameter handlebars and low handlebar strap for the ultimate advantage in the most technical terrains.



### Lightweight ski spindle

Lightweight alloy spindle with revised geometry and new ski stopper to reduce ski drag for more predictable handling and a confidence-inspiring ride in technical sidehills and rough terrain.



### tMotion™ with adjustable limiter strap

Quickly and easily change limiter strap length for desired ski lift without crawling under the sled.



### Rotax® 850 E-TEC® engine with SHOT™ starter

Next generation of the most advanced direct-injection two-stroke engine technology. Push-button starting with almost no added weight.



### 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.

