

# 2022

# NEW SUMMIT® EDGE®

New high-end in-season package loaded with proven technical features.



SUMMIT® EDGE®  
165 850 E-TEC® SHOWN

## // WHAT'S NEW

- Short tunnel with lightweight snowflap
- E-TEC® SHOT™ starter standard
- Two *ULTIMATE* color options with panel wrap: supreme look and finish, maximum protection
- Standard with two sets of LinQ attachment points
- Compact and lightweight deep-snow seat

## // PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- High-quality HPG shock package
- RAS™ 3 front suspension with lightweight ski spindle and revised ski stopper
- tMotion™ rear suspension with ice scratchers
- Deep-snow running boards with large openings
- 4.5 in. digital display
- Smaller-diameter handlebar ends and handgrips
- DS 3 skis
- 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	89 mm/3.5 in.

### DRY WEIGHT

Dry weight	207 kg/458 lb [154 in.]
	210 kg/463 lb [165 in.]
	214 kg/470 lb [175 in.]

### DIMENSIONS

Overall vehicle length	3,188 mm/125.5 in. [154 in.]
	3,299 mm/129.9 in. [165 in.]
Overall vehicle width	1,080 to 1,110 mm/42.5 to 43.7 in.
Overall vehicle height	1,395 mm/54.9 in.
Ski stance	910 or 950 mm/35.8 or 37.4 in.
Track (Length x Width x Profile)	PowderMax <sup>1</sup> Light with FlexEdge™: 154 x 16 x 2.5 in. 154 x 16 x 3.0 in. opt. 165 x 16 x 3.0 in. 175 x 16 x 3.0 in.

### COLOR

<i>ULTIMATE</i> Catalyst Grey / Octane Blue	
<i>ULTIMATE</i> Black	

### SUSPENSION

Front suspension	RAS™ 3
Front shock	HPG™
Front suspension travel	215 mm/8.5 in.
Rear suspension	tMotion™
Center shock	HPG™
Rear shock	HPG™
Rear suspension travel	239 mm/9.4 in. 242 mm/9.5 in. [175 in.]

### FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
Skis	Pilot™ DS 3
Seating	Deep-snow compact and lightweight
Handlebar	Tapered U-shaped aluminum with J-hooks/Low grab handle
Riser block height	165 mm/6.5 in.
Starter	SHOT
Reverse	RER™
Brake system	Brembo racing brake with stainless-steel braided brake line
Heated throttle lever/grips	Standard
Gauge type	4.5 in. digital display
Windshield	Optional
Runner - Carbide	Square 3/8 - 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 Short tunnel

Shorter tunnel length without snowflap for greater deep-snow capabilities with more clearance and lighter overall weight. Standard rear fender with LinQ-ready attachment points.



### 3 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.



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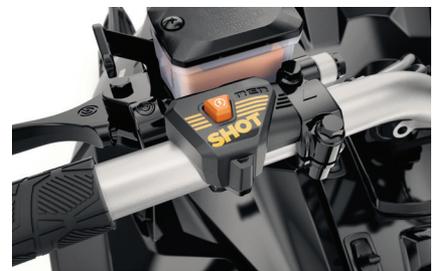
### 4 High-quality HPG shock package

Extremely capable high-pressure gas shocks by KYB.



### 5 tMotion™ rear suspension

A swiveling rear arm and split front arm allow the skid to flex laterally for more predictable carving. More rising-rate motion ratio adds capacity and comfort.



### 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**

