

2022 SUMMIT® SP®

An excellent deep-snow machine
for any rider.



SUMMIT® SP®
165 850 E-TEC® SHOWN

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600R E-TEC® engines
- High-quality HPG shock package
- RAS™ 3 front suspension with lightweight ski spindle and revised ski stopper
- tMotion™ rear suspension with ice scratchers
- E-TEC® SHOT™ starter available
- Deep-snow running boards with large openings
- Glove box with 4 L/1 gal of storage
- Low handlebar strap
- NEW standard with two sets of LinQ attachment points
- 4.5 in. digital display
- Smaller-diameter handlebar ends and handgrips
- DS 3 skis
- 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	850 E-TEC®	600R E-TEC®
Drive clutch	pDrive™ with clickers	pDrive™ with clickers
Driven clutch	QRS Vent Plus	QRS Vent
Drive sprocket pitch	73 mm/2.86 in. [146 in.] 89 mm/3.5 in. [154 in.]	73 mm/2.86 in. [146 in.] 89 mm/3.5 in. [154 in.]

DRY WEIGHT	850 E-TEC®	600R E-TEC®
Dry weight	208 kg/459 lb [146 in.] 206 kg/454 lb [154 in.] 209 kg/460 lb [165 in.]	204 kg/449 lb [146 in.] 202 kg/445 lb [154 in.]

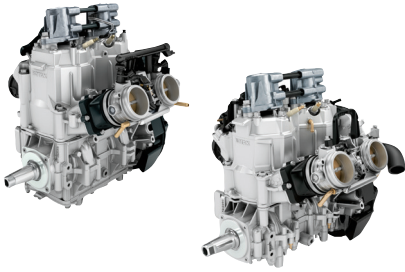
DIMENSIONS	850 E-TEC®	600R E-TEC®
Overall vehicle length	3,208 mm/122.4 in. [146 in.] 3,318 mm/130.6 in. [154 in.] 3,451 mm/135.9 in. [165 in.] [850 E-TEC® only]	
Overall vehicle width	1,080 to 1,110 mm/42.5 to 43.7 in.	
Overall vehicle height	1,395 mm/54.9 in.	
Ski stance	910 or 950 mm/35.8 or 37.4 in.	
Track	PowderMax® II with FlexEdge™: 146 x 16 x 2.5 in.	
Track (Length x Width x Profile)	PowderMax® Light with FlexEdge™: 154 x 16 x 2.5 in. 154 x 16 x 3.0 in. opt. 165 x 16 x 2.5 in. 165 x 16 x 3.0 in. opt.	

COLOR	850 E-TEC®	600R E-TEC®
Black / Orange Crush		
Black		

SUSPENSION	850 E-TEC®	600R E-TEC®
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.	

FEATURES	850 E-TEC®	600R E-TEC®
Frame	REV® Gen4	
Bodywork	Narrow design	
Skis	Pilot™ DS 3	
Seating	Deep-snow	
Handlebar	Tapered U-shaped aluminum with J-hooks/Low grab handle	
Riser block height	165 mm/6.5 in.	
Starter	Electric, SHOT (opt.), Manual (opt. select models)	
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® 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 RAS™ 3 front suspension

Stable and precise front suspension design and geometry, optimized for the REV Gen4 platform.



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.



SUMMIT® SP®
165 850 E-TEC® SHOWN



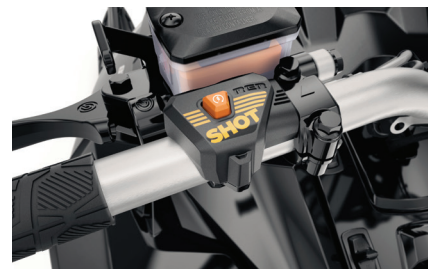
4 High-quality HPG shock package

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

