

2023 SUMMIT® SP®

An excellent deep-snow machine for any rider.



SUMMIT SP
165 850 E-TEC SHOWN



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// WHAT'S NEW

- REV® Gen5 platform
- tMotion™ X rear suspension
- LED headlights
- PowderMax¹ X-Light 3 in. with FlexEdge¹ available
- Narrower running boards and body work

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® engine
- High-quality HPG¹ shock package
- RAS™ 3 front suspension with lightweight ski spindle and revised ski stopper
- E-TEC SHOT™ starter available
- Deep-snow running boards with large openings
- Glove box with 3.5 L of storage
- Low handlebar strap
- Pilot™ 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 (mm)	82 – 80.4
Carburation	E-TEC direct injection with additional booster injectors
Fuel type – Octane	Premium unleaded – 91
Fuel tank (L/US gal)	36/9.5
Oil tank capacity (L/qt)	3.4/3.6

POWERTRAIN

Drive clutch	pDrive™ with clickers
Driven clutch	QRS Vent Plus
Drive sprocket pitch	73 mm/2.86 in. [146 in.] 89 mm/3.5 in. [154 – 165 in.]

DRY WEIGHT

Dry weight	447 lb [146 in.] 443 lb [154 in.] 447 lb [165 in.]
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DIMENSIONS

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.]
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	930 mm/36 in. adjustable
Track (Length x Width x Profile)	PowderMax II with FlexEdge: 146 x 16 x 2.5 in. PowderMax Light with FlexEdge: 154 x 16 x 2.5 in. 165 x 16 x 2.5 in. PowderMax X-Light with FlexEdge: 154 x 16 x 3.0 in. 165 x 16 x 3.0 in.

COLOR

Catalyst Grey / Neo Yellow	
Timeless Black (painted)	

SUSPENSION

Front suspension	RAS 3
Front shock	HPG
Front suspension travel	215 mm/8.5 in.
Rear suspension	tMotion X
Center shock	HPG
Rear shock	HPG
Rear suspension travel	264 mm/10.4 in.

FEATURES

Platform	REV Gen5
Skis	Pilot DS 3
Seating	Deep-snow
Handlebar	Tapered with J-hooks/Grab handle
Riser block height	165 mm/6.5 in.
Starter	Electric, SHOT (opt.), Manual (opt. select models)
Reverse	RER™
Brake system	Brembo ¹
Heated throttle lever/grips	Standard
Gauge type	Compact digital display
Windshield	Optional
Runner – Carbide	Square 3/8 in. – 4 in.
Bumpers (front/rear)	Std/Std

// FEATURE HIGHLIGHTS



1 REV Gen5 deep snow platform

Lighter, narrower and more refined for improved technical riding and a next-level experience that's all about spending unforgettable days in the deep stuff.



2 PowderMax X-Light with FlexEdge Track

Refreshed with a new lug pattern and optimized to trim weight, this new track brings faster track speeds and better traction.



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 X rear suspension

With 90% new parts, this complete redesign increases capacity and reduces weight by 2.5 lbs.



6 E-TEC SHOT starter

Push-button start with almost no added weight. Uses energy stored in the lightweight ultracapacitor to turn the magneto and with E-TEC technology, start the engine.

ski-doo

