

2023 SUMMIT® X®

Longer climbs, tighter tree lines
and deeper powder.



SUMMIT X
154 850 E-TEC SHOWN



SUMMIT X
165 850 E-TEC TURBO R SHOWN

// WHAT'S NEW

- REV® Gen5 platform
- Rotax® 850 E-TEC® Turbo R engine available
- tMotion™ X rear suspension
- Premium LED headlights
- PowderMax® X-Light 3 in. with FlexEdge® available
- Narrower running boards and body work
- 10.25 in. color touchscreen display with BRP Connect available
- RAS™ 3 front suspension with 34 in. ski stance

// PACKAGE HIGHLIGHTS

- Rotax 850 E-TEC engine available
- Short tunnel with lightweight snowflap
- E-TEC SHOT™ starter available
- Full-length extruded profile running boards with large openings
- Low handlebar strap
- Sea-level calibration available on select configurations
- Compact and lightweight deep-snow seat
- Pilot DS 3 skis
- Belt monitoring system

ROTAX ENGINE	850 E-TEC TURBO R	850 E-TEC
Engine details	Liquid-cooled, two-stroke, turbocharged, eRAVE™	Liquid-cooled, two-stroke, eRAVE
Horsepower	180 up to 8,000 ft.	165
Cylinders – Displacement	2 – 849 cc	2 – 849 cc
Bore – Stroke (mm)	82 – 80.4	82 – 80.4
Carburation	E-TEC direct injection with additional booster injectors	E-TEC direct injection with additional booster injectors
Fuel type – Octane	Premium unleaded – 91	Premium unleaded – 91
Fuel tank (L/US gal)	36/9.5	36/9.5
Oil tank capacity (L/qt)	3.4/3.6	3.4/3.6

POWERTRAIN		
Drive clutch	pDrive™ with clickers	pDrive with clickers
Driven clutch	QRS Vent Plus	QRS Vent Plus
Drive sprocket pitch	89 mm/3.5 in.	89 mm/3.5 in.

DRY WEIGHT		
Dry weight	448 lb (154 in.) 454 lb (165 in.)	429 lb (154 in.) 436 lb (165 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	864 mm/34 in. adjustable	
Track (Length x Width x Profile)	PowderMax Light with FlexEdge: 154 x 16 x 2.5 in. 165 x 16 x 2.5 in. (sea-level opt. only) PowderMax X-Light with FlexEdge: 154 x 16 x 3.0 in. 165 x 16 x 3.0 in.	

COLOR	
Catalyst Grey / Spartan Red	
Timeless Black (painted)	

SUSPENSION	
Front suspension	RAS 3
Front shock	HPG® Plus with lightweight springs
Front suspension travel	207 mm/8.2 in.
Rear suspension	tMotion X
Center shock	HPG Plus with lightweight spring
Rear shock	HPG Plus
Rear suspension travel	264 mm/10.4 in.

FEATURES	
Platform	REV Gen5
Skis	Pilot DS 3
Seating	Deep-snow compact and lightweight
Handlebar	Tapered with J-hooks/Grab handle
Riser block height	165 mm/6.5 in.
Starter	SHOT, Electric (opt. select models), Manual (opt. select models)
Reverse	RER™
Brake system	Brembo®
Heated throttle lever/grips	Standard
Gauge type	Compact digital display 10.25 in. touchscreen (opt.)
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 Rotax 850 E-TEC Turbo R engine

The most powerful factory-built 2-stroke turbocharged engine in snowmobiling. Its instant response cranks out a full 180 HP up to 8,000 feet of elevation. Sophisticated design keeps weight down and integrates flawlessly with the REV Gen5 chassis for maximum agility. Factory install ensures peace of mind and incredible reliability.



3 HPG Plus shock package

Highest quality KYB[®] lightweight high-pressure gas shocks front and rear. Rebuildable and revalvable.



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165 850 E-TEC TURBO R SHOWN



4 Improved profile running boards

Front-to-back extruded grid-style board allowing snow to pass through easily, preventing washout and trenching, plus clears footrests for grip. Flatter foot position for comfort and control.



5 10.25 in. color touchscreen display with BRP Connect

A high-resolution infotainment system that puts an interactive, informative and customizable experience that's both seamless and simple, right at your fingertips.



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

