

# 2024 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

- 10.25 in. color touchscreen display with BRP Connect available
- Adjustable limiter strap
- Adjustable brake lever
- Short riser block (120 mm/4.7 in.)

## // PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® Turbo R and 850 E-TEC engines available
- REV® Gen5 platform
- Premium LED headlights
- tMotion™ X rear suspension
- Short tunnel with lightweight snowflap
- E-TEC SHOT™ starter available
- Full-length extruded profile running boards with large openings
- PowderMax<sup>1</sup> X-Light 3 in. with FlexEdge<sup>1</sup> available
- Narrower running boards and bodywork
- Low handlebar strap
- Sea-level calibration available on select configurations
- Compact and lightweight deep-snow seat
- Pilot™ DS 3 skis
- Belt-monitoring system
- RAS™ 3 front suspension with 34 in. ski stance

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	850 E-TEC TURBO R	850 E-TEC
Drive clutch	pDrive™ with clickers	pDrive with clickers
Driven clutch	QRS Vent Plus	QRS Vent Plus
Drive sprocket pitch (mm/in.)	89/3.5	89/3.5

DRY WEIGHT	850 E-TEC TURBO R	850 E-TEC
Dry weight (lb)	448 (154 in.) 454 (165 in.)	429 (154 in.) 436 (165 in.)

DIMENSIONS	850 E-TEC TURBO R	850 E-TEC
Vehicle overall length (mm/in.)	3,188/125.5 (154 in.) 3,299/129.9 (165 in.)	
Vehicle overall width (mm/in.)	1,024/40.3 (adjustable)	
Vehicle overall height (mm/in.)	1,306/51.4	
Ski stance (mm/in.)	864/34 (adjustable)	
Available tracks (in.) (Length x width x profile)	PowderMax Light with FlexEdge: 154 x 16 x 2.5 165 x 16 x 2.5 (sea-level opt. only) PowderMax X-Light with FlexEdge: 154 x 16 x 3.0 165 x 16 x 3.0	

COLOR	850 E-TEC TURBO R	850 E-TEC
Arctic Desert		
Timeless Black (painted)		

SUSPENSION	850 E-TEC TURBO R	850 E-TEC
Front suspension		RAS 3
Front shock		KYB <sup>1</sup> 36 Plus with lightweight springs
Front suspension travel (mm/in.)		207/8.2
Rear suspension		tMotion™ X with adjustable limiter strap
Center shock		KYB 36 Plus with lightweight spring
Rear shock		KYB 36 Plus
Rear suspension travel (mm/in.)		264/10.4

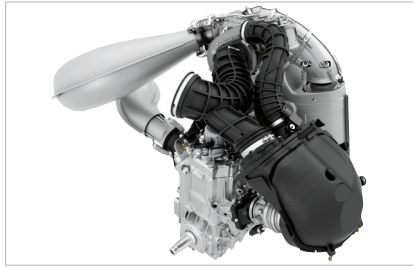
FEATURES	850 E-TEC TURBO R	850 E-TEC
Platform		REV Gen5
Headlights		Premium high-performance LED
Skis		Pilot DS 3
Seating		Deep-snow compact
Handlebar		Tapered with J-hooks/Grab handle
Riser block height (mm/in.)		120/4.7
Starter		SHOT, Electric (opt. select models), Manual (opt. select models)
Reverse		RER™
Brake system		Brembo <sup>1</sup> with adjustable lever
Heated throttle lever/grips		Standard
Gauge type		4.5 in. digital 10.25 in. touchscreen (opt.)
Windshield		Optional
Runner (in.) – Carbide (in.)		3/8 square – 4
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 ft of elevation. The sophisticated design keeps weight down and integrates flawlessly with the REV Gen5 chassis for maximum agility. Factory installation ensures peace of mind and incredible reliability.



### 3 KYB 36 Plus shock package

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



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### 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**

