2023 FREERIDE™

Live large, live free and go big.

// 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" color touchscreen display with BRP Connect available
- Adjustable brake lever



COLOR

FREERIDE 165 850 E-TEC TURBO R SHOWN

// PACKAGE HIGHLIGHTS

- Rotax 850 E-TEC engine available
- High-performance KYB† Pro shock package with lightweight springs
- Short tunnel with lightweight snowflap
- RAS $^{\rm m}$ 3 front suspension with lightweight ski spindle and revised ski stopper
- E-TEC SHOT™ starter standard
- Full-length extruded profile running boards with
- large openings
- Sway bar quick-disconnect
- · Low handlebar strap

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.

- 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	72.3 - 73
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 Driven clutch	pDrive™ with clickers QRS Vent Plus	pDrive with clickers QRS Vent Plus
Drive sprocket pitch	89 mm/3.5 in.	73 mm/2.86 in. (146 in.) 89 mm/3.5 in. (154–165 in.)
DRY WEIGHT		
Dry weight	461 lb (154 in.) 466 lb (165 in.)	447 lb (146 in.) 442 lb (154 in.) 446 lb (165 in.)
DIMENSIONS		
Overall vehicle length	3,058 mm/120.4 in. (146 in.) 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	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.	
	105 - 10 - 0 5 - (

Timeless Black / Spartan Re	d (painted)	
SUSPENSION		
Front suspension	RAS 3	
Front shock	KYB Pro 36 EA-3 w/ lightweight spring	
Front suspension travel	215 mm/8.5 in.	
Rear suspension	tMotion X	
Center shock	KYB Pro 40 EA-3 w/ lightweight spring	
Rear shock	KYB Pro 40 EA-3	
Rear suspension travel	264 mm/10.4 in.	
FFATURES		
FEATURES Platform	REV Gen5	
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	850 E-TEC: SHOT, Electric	
	(opt. Select models)	
	850 E-TEC Turbo R: SHOT	
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.



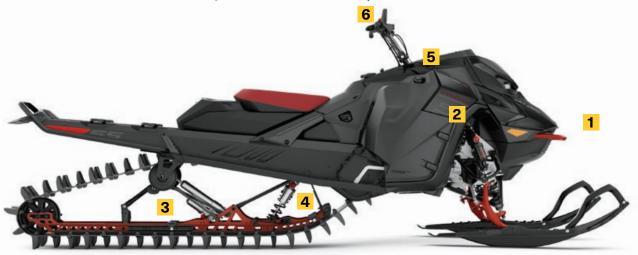
2 Rotax 850 E-TEC Turbo R engine

The first-ever factory-built 2-stroke turbocharged engine in any industry. It boasts instant response and a full 180 HP up to 8,000 feet of elevation. Sophisticated design integrates flawlessly with the REV Gen4 platform for maximum agility. Factory installation ensures peace of mind and incredible reliability.



3 tMotion™ X rear suspension with reinforced rails

With 90% new parts, this complete redesign increases capacity and reduces weight by 2.5 lbs. Reinforced rails ensure maximum durability in those big drops and jumps.



FREERIDE 165 850 E-TEC TURBO R SHOWN



4 High-performance KYB Pro shock package with lightweight springs

Lightweight, extreme-capability, extremedurability shocks for control in the toughest conditions. Easy adjust-equipped for dialed-in compression.



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, starts the engine.



