

2026 FREERIDE™

Extreme capacity deep snow sled built to live large, live free and go big. The Freeride is stable and predictable at higher speed in variable snow conditions, including bigger bumps.



FREERIDE 154
850 E-TEC TURBO R SHOWN



FREERIDE 154
850 E-TEC TURBO R SHOWN

// WHAT'S NEW

- REV® Gen5 Lightweight platform
- Improved Pilot™ DS 4 skis
- Super-short tunnel (for 154 in. and 165 in.)
- 10.25 in. touchscreen display featuring BRP Connect, built-in GPS with Group Ride
- 2 color options : Scandi Blue and Timeless Black

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® Turbo R and 850 E-TEC® engines available
- Premium LED headlights
- Precision rack steering system
- Short tunnel with lightweight snowflap (146 in.)
- tMotion™ XT® rear suspension with rigid rear arm
- Reinforced rails
- E-TEC SHOT™ starter standard
- Narrow extruded profile running boards with extra-large openings
- Sway bar quick-disconnect
- Low handlebar strap
- Sea-level calibration available on select configurations
- PowderMax® X-Light 3 in. with FlexEdge™ available
- Compact deep snow seat
- Belt-monitoring system
- Narrow bodywork
- Adjustable brake lever
- KYB Pro 40 EA-3 front shocks with lightweight springs
- 15 in. full-rod track
- Short riser block (120 mm / 4.7 in.)
- RAS™ 3 front suspension with 36-inch 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 x 80.4	82 x 80.4
Fuel system	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 / QRS Vent Plus	pDrive with clickers / QRS Vent Plus
Driven clutch		
Drive sprocket pitch (mm/in.)	73 / 2.86 (146 - 154 x 2.5 in.) 89 / 3.5 (154 x 3.0 - 165 in.)	73 / 2.86 (146 - 154 x 2.5 in.) 89 / 3.5 (154 x 3.0 - 165 in.)

DRY WEIGHT	850 E-TEC TURBO R	850 E-TEC
Dry weight (lb)	466 (146 in.) 460 (154 in.) 464 (165 in.)	448 (146 in.) 442 (154 in.)
Wet weight (lb)	546 (146 in.) 541 (154 in.) 546 (165 in.)	528 (146 in.) 523 (154 in.)

DIMENSIONS	850 E-TEC TURBO R	850 E-TEC
Vehicle overall length (mm/in.)	3,058 / 120.4 (146 in.) 3,188 / 125.5 (154 in.) 3,299 / 129.9 (165 in.)	
Vehicle overall width (mm/in.)	1,073 / 42.2 (adjustable)	
Vehicle overall height (mm/in.)	1,395 / 54.9	
Ski stance (mm/in.)	930 / 36 (adjustable)	
Available tracks (in.)	PowderMax®: 146 x 15 x 2.5 154 x 15 x 2.5 PowderMax® X-Light: 154 X 15 X 3.0 (high altitude opt. only) 165 X 15 X 3.0 (high altitude opt. only)	

COLOR	850 E-TEC TURBO R	850 E-TEC
Scandi Blue		
Timeless Black (850 E-TEC Turbo R only)		

SUSPENSION	850 E-TEC TURBO R	850 E-TEC
Front suspension	RAS 3	
Front shock	KYB PRO 40 EA-3	
Front suspension travel (mm/in.)	215 / 8.5	
Rear suspension	tMotion XT with rigid rear arm	
Center shock	KYB PRO 40 EA-3	
Rear shock	KYB PRO 40 EA-3	
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 4	
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)	
Reverse	RER™	
Brake system	Brembo with adjustable lever	
Heated throttle lever/grips	Standard	
Gauge type	4.5 in. digital display 10.25 in. touchscreen display	
Windshield	No	
Runner (in.) - Carbide (in.)	3/8 square - 4	
Bumpers (front/rear)	Standard/Standard	

// FEATURE HIGHLIGHTS



1 REV Gen5 Lightweight platform

The new frame weight optimization and various lightweight components of the REV Gen5 Lightweight platform allows it to be the new agile all-rounder.



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 Rack steering system

Further increases steering precision at higher speed for a stable and predictable ride in less than ideal snow conditions.

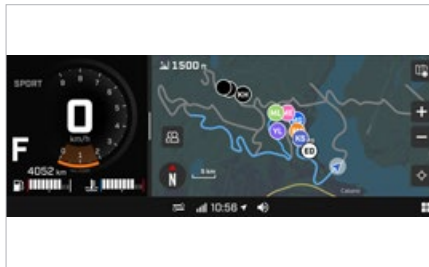


FREERIDE 154 850 E-TEC TURBO R SHOWN



4 High-performance KYB Pro shock package with lightweight springs

Now with 50% more compression damping, these lightweight, extremely capable and durable shocks provide control in the toughest conditions. Easy-Adjust equipped for fast tuning.



5 10.25 in. Touchscreen Display with BRP Connect, featuring Built-In GPS with Group Ride

Feel the elevated Group Riding Experience. View the live location of members of your group while independently seeing other riders around, without the need for a phone connection or cellular network access. Benefit from a topographic map layer and snowmobile trails,* track your current ride and see your previous rides. For more features, connect your phone and use the free BRP GO! app.



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, start the engine.

ski-doo

