

2027

FREERIDE™

Extreme capacity deep snow sled built to live large, live free and go big. The Freeride is wilder and lighter than ever, delighting the most extreme riders.

// WHAT'S NEW

- 34 in. ski stance with aluminum A-arms
- Twin Link Steering
- tMotion L/O rear suspension with coil-over shocks
- 147 x 15 x 3 in. PowderMax X-Light Track with full-width rods
- Super-short tunnel on 146 and 147 track lengths, plus short radiator on all lengths
- Limiter strap adjuster
- Ultra-compact deep snow seat
- Short 90 mm riser block with steering pad



**FREERIDE 154
850 E-TEC TURBO R SHOWN**

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® Turbo R and 850 E-TEC® engines available
- REV® Gen5 Lightweight platform
- Improved Pilot™ DS 4 skis
- 10.25 in. touchscreen display featuring BRP Connect, built-in GPS with Group Ride
- Premium high-performance LED headlights
- Reinforced rails
- E-TEC® SHOT™ starter standard
- Narrow extruded profile running boards with extra-large openings
- PowderMax® X-Light 3 in. track options with full-width rods
- Sea-level calibration available on select configurations
- Adjustable brake lever
- KYB Pro 40 EA-3 front shocks with lightweight springs
- 15 in. full-rod track

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	Plus	Plus
Drive sprocket pitch (mm/in.)	89 / 3.5	73 / 2.86 (146–154 x 2.5 in.) 89 / 3.5 (147–154 x 3.0 in.)

DRY WEIGHT	850 E-TEC TURBO R	850 E-TEC
Dry weight (lb)	456 (147 in.) 461 (154 in.)	443 (146 in.) 434 (147 in.) 439 (154 in.)
Wet weight (lb)	537 (147 in.) 542 (154 in.)	523 (146 in.) 515 (147 in.) 520 (154 in.)

DIMENSIONS	850 E-TEC TURBO R	850 E-TEC
Vehicle overall length (mm/in.)	3,058 / 120.4 (146–147 in.) 3,188 / 125.5 (154 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.)	PowderMax®: 146 x 15 x 2.5 (low altitude 850 E-TEC opt. only) 154 x 15 x 2.5 (low altitude 850 E-TEC opt. only)	PowderMax® X-Light: 147 X 15 X 3.0 (high altitude opt. only) 154 X 15 X 3.0 (high altitude opt. only)

COLOUR
Ultraviolet II
Timeless Black (10.25 in. touchscreen only)

SUSPENSION	
Front suspension	RAS 3
Front shock	KYB PRO 40 EA-3
Front suspension travel (mm/in.)	215 / 8.5
Rear suspension	tMotion L/O w/coil-over
Center shock	KYB PRO 40 EA-3
Rear shock	KYB PRO 40 EA-3
Rear suspension travel (mm/in.)	270 / 10.6

FEATURES	
Platform	REV® Gen5
Headlights	Premium high-performance LED
Skis	Pilot DS 4
Seating	Deep snow ultra compact
Handlebar	Tapered with J-hooks / Steering pad
Riser block height (mm/in.)	90 / 3.5
Starter	SHOT
Reverse	RER™
Brake system	Brembo with adjustable lever
Heated throttle lever/grips	Standard
Gauge type	10.25 in. touchscreen display 4.5 in. digital 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 platform make it the ultimate mountain dedicated platform.



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 Business in the front, Party in the back!

Unleash the wheelie monster with the 147x3.0 track—agility meets traction for freestyle fun. Adjustable limiter strap gives you control when terrain gets tough. Go full send or rein it in—your ride, your rules.



FREERIDE™ 154 850 E-TEC TURBO R SHOWN



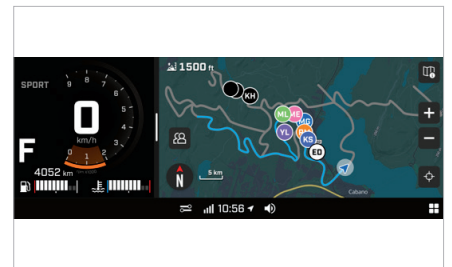
4 tMotion Lock-Out with coil-over rear suspension

In addition to 1.5 lb of weight savings and increased capacity, the tMotion Lock-Out with coil-over showcases a fixed rear arm for more precision and predictability in technical maneuvers, while the coil-over enhances the dynamic feel to the sled.



5 34 in. ski stance with Twin Link steering system

A 34-inch ski stance unlocks steeper slopes and bigger stunt challenges. Paired with a 30% increase in outside ski angle, it delivers unmatched grip and control on extreme sidehills and enables the sharpest downhill U-turns with precision.



6 10.25 in. Touchscreen Display with BRP Connect, featuring Built-In GPS with Group Ride

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 map layer and trails,* track your current ride and see previous. For more, use your phone with the free BRP GO! app.

ski-doo®

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