

2025 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.

// WHAT'S NEW

- Precision rack steering system
- 10.25 in. touchscreen display with BRP Connect and built-in GPS
- 2 color options (850 E-TEC® Turbo R only)

// PACKAGE HIGHLIGHTS

- REV® Gen5 platform
- Rotax 850 E-TEC Turbo R and 850 E-TEC engines available
- Premium LED headlights
- Short tunnel with lightweight snowflap
- 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
- Pilot™ DS 4 skis
- 15 in. full-rod track
- Short riser block (120 mm/4.7 in.)
- RAS™ 3 front suspension with 36 in. ski stance



FREERIDE 165
850 E-TEC TURBO R SHOWN

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
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

Drive clutch	pDrive™ with clickers
Driven clutch	QRS Vent Plus
Drive sprocket pitch (mm/in.)	73/2.86 (146 – 154 x 2.5 in.) 89/3.5 (154 x 3.0 – 165 in.)

DRY WEIGHT

Dry weight (lb)	468 (146 in.) 463 (154 in.) 467 (165 in.)	448 (146 in.) 444 (154 in.) 446 (165 in.)
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DIMENSIONS

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.) (Length x width x profile)	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

Flare Yellow and Black

Timeless Black (850 E-TEC Turbo R only)

SUSPENSION

Front suspension	RAS 3
Front shock	KYB Pro 40 EA-3 w/ lightweight springs
Front suspension travel (mm/in.)	215/8.5
Rear suspension	tMotion XT
Center shock	KYB Pro 40 EA-3 w/ lightweight spring
Rear shock	KYB Pro 40 EA-3
Rear suspension travel (mm/in.)	264/10.4

FEATURES

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 10.25 in. touchscreen (opt.)
Windshield	Optional
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Std/Std

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A BRP BRAND



*Observed HP measured on internal dyno test in optimal conditions. ©2024 Bombardier Recreational Products Inc., (BRP). All rights reserved. ®, TM and the BRP logo are trademarks of BRP or its affiliates. Products are distributed in the USA by BRP US Inc. †All other trademarks are the property of their respective owners. Because of our ongoing commitment to product quality and innovation, BRP reserves the right at anytime to discontinue or change specifications, price, design, features, models or equipment without incurring any obligation.