

2024 FREERIDE™

Live large, live free
and go big.



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

// WHAT'S NEW

- Rotax® 850 E-TEC® Turbo R (now opt. on 146 track)
- tMotion™ XT rear suspension with rigid rear arm
- KYB® Pro 40 EA-3 front shocks with lightweight springs
- Pilot™ DS 4 skis
- 15 in. full-rod track
- 10.25 in. color touchscreen display with BRP Connect and embedded maps available
- Short riser block (120 mm/4.7 in.)
- More stable RAS 3 front suspension geometry

// PACKAGE HIGHLIGHTS

- REV® Gen5 platform
- Rotax 850 E-TEC or 850 E-TEC Turbo R engines available
- Premium LED headlights
- Short tunnel with lightweight snowflap
- E-TEC SHOT™ starter standard
- Full-length extruded profile running boards with large openings
- Sway bar quick-disconnect
- Low handlebar strap
- PowderMax® X-Light 3 in. with FlexEdge available
- Compact deep-snow seat
- Belt monitoring system
- Narrower running boards and bodywork
- Adjustable brake lever

ROTAX ENGINE	850 E-TEC TURBO R	850 E-TEC
Engine details	Liquid-cooled, two-stroke, turbocharged, eRAVE™	Liquid-cooled, two-stroke, eRAVE
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	Unleaded – 95	Unleaded – 95
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.)	73/2.86 (146 x 2.5 in.) 89/3.5 (154 x 3.0)	73/2.86 (146 x 2.5 in.) 89/3.5 (154 x 3.0)

DRY WEIGHT	850 E-TEC TURBO R	850 E-TEC
Dry weight (kg/lb)	210/463 (146 in.) 208/459 (154 in.)	202/445 (146 in.) 200/440 (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.)	
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 PowderMax® X-Light: 154 X 15 X 3.0	

COLOR	Neo Mint

SUSPENSION	850 E-TEC TURBO R	850 E-TEC
Front suspension	RAS 3	
Front shock	KYB Pro 40 EA-3 w/ lightweight spring	
Front suspension travel (mm/in.)	215/8.5	
Rear suspension	tMotion X	
Center shock	KYB Pro 40 EA-3 w/ lightweight spring	
Rear shock	KYB Pro 40 EA-3	
Rear suspension travel (mm/in.)	258/10.2	

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 U-shaped aluminum with J-hooks/Low grab handle	
Riser block height (mm/in.)	120/4.7	
Starter	850 E-TEC: SHOT (opt. Select models) 850 E-TEC Turbo R: SHOT	
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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