

# 2022 SPRING ONLY

## FREERIDE™

Live large, live free  
and go big.



FREERIDE®  
165 850 E-TEC® TURBO SHOWN

### // PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® or 850 E-TEC Turbo engines available
- High-performance KYB PRO shock package with lightweight springs
- Short tunnel with lightweight snowflap
- RAS™ 3 front suspension with lightweight ski spindle and revised ski stopper
- tMotion™ rear suspension with reinforced rails and ice scratchers
- E-TEC® SHOT™ starter standard in Turbo models
- Full-length extruded-profile running boards with large openings
- One-piece lightweight hood on all configurations
- Sway bar quick-disconnect
- Low handlebar strap
- NEW standard with two sets of LinQ attachment points
- Sea-level calibration
- 4.5 in. digital display
- Smaller-diameter handlebar ends and handgrips
- Compact and lightweight deep-snow seat
- DS 3 skis
- Belt monitoring system

#### ROTAX® ENGINE

	850 E-TEC® TURBO	850 E-TEC®
Engine details	Liquid-cooled, two-stroke, turbocharged, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Horsepower	165 up to 2.44 km	165
Cylinders – Displacement	2 – 849 cc	2 – 849 cc
Bore – Stroke	82 mm – 80.4 mm	72.3 mm – 73 mm
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	36 L	36 L
Oil tank capacity	3.4 L	3.4 L


#### POWERTRAIN

	850 E-TEC® TURBO	850 E-TEC®
Drive clutch	pDrive™ with clickers	pDrive™ with clickers
Driven clutch	QRS Vent Plus	QRS Vent Plus
Drive sprocket pitch	89 mm	73 mm [146 in.] 89 mm [154 – 165 in.]

#### DIMENSIONS

Overall vehicle length	3,058 mm [146 in.]
	3,188 mm [154 in.]
	3,299 mm [165 in.]
Overall vehicle width	1,140 to 1,180 mm [146 in.]
	1,080 to 1,110 mm [154 – 165 in.]
Overall vehicle height	1,306 mm
Ski stance	975 or 1020 mm [146 in.]
	910 or 950 mm [154 – 165 in.]
Track (Length x Width x Profile)	PowderMax <sup>1</sup> II with FlexEdge™:
	146 x 16 x 2.5 in.
	PowderMax <sup>1</sup> Light with FlexEdge™:
	154 x 16 x 3.0 in. 165 x 16 x 3.0 in.

#### COLOR

Arctic Desert 

#### SUSPENSION

Front suspension	RAS™ 3
Front shock	KYB <sup>1</sup> PRO 36 R Easy-Adjust
Front suspension travel	215 mm
Rear suspension	tMotion™
Center shock	KYB <sup>1</sup> PRO 40 Easy-Adjust
Rear shock	KYB <sup>1</sup> PRO 40 Easy-Adjust
Rear suspension travel	239 mm

#### FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
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
Starter	850 E-TEC: Electric 850 E-TEC Turbo: SHOT
Reverse	RER™
Brake system	Brembo racing brake with stainless-steel braided brake line
Heated throttle lever/grips	Standard
Gauge type	4.5 in. digital display
Windshield	Optional
Runner – Carbide	Square 3/8 – 102 mm
Bumpers (front/rear)	Std/Std

**ski-doo**

