

2019 FREERIDE™ 154 S-38

PACKAGE HIGHLIGHTS

- E-TEC® SHOT™ starter
- Rotax® 850 E-TEC® engine
- REV® Gen4 platform with narrow-design bodywork
- pDrive™ clutch with clickers
- RAS™ 3 front suspension
- Ergo-Step side panels
- 16 x 154 x 2.5 in. PowderMax® Light with FlexEdge™ track
- KYB® Pro 36 R front shocks and KYB® Pro 40 rear shocks aluminum piggyback with Easy-Adjust compression adjuster (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- Lightweight mountain seat
- RER™ electronic reverse
- Compact digital gauge
- tMotion™ rear suspension with reinforced rails
- Sway bar quick-disconnect
- Warm glove box with 4 L / 1 US gal of storage
- Profile running boards with large openings
- Sea-level calibration available
- S-38 ski stance: 38.4 or 40.2 in. (975 or 1,020 mm)



FREERIDE™ 154 S-38 850 E-TEC® shown

ROTAX® ENGINE

	850 E-TEC®
Engine details	Liquid-cooled, eRAVE™
Cylinders	2
Displacement	849 cc / 51.9 in. ³
Bore	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.
Maximum engine speed	7,900 RPM
Carburation	E-TEC direct injection with additional booster injectors
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt

POWERTRAIN

Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	3,800 RPM
Small sprocket number of teeth	21
Large sprocket number of teeth	51
Drive sprocket number of teeth	6
Drive sprocket diameter	164 mm / 6.5 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

207 kg / 457 lb

FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
Skis	Pilot™ DS 3
Seating	Mountain
Handlebar	U-shaped aluminum with J-hooks / Grab handle

Riser block height	165 mm / 6.5 in.
Starter	Manual, Electric (opt.), SHOT (opt.)
Reverse	RER™
Heated throttle lever/ grips	Standard
Gauge	Compact

Mirrors	Optional
Windshield	Optional
Runner	Square 3/8
Carbide configuration	102 mm / 4 in. at 90°
Hitch	Optional

COLOR

Iceberg Blue

DIMENSIONS

Vehicle overall length	3,312 mm / 130.4 in.
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,386 mm / 54.6 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
Ski overall length	1,058 mm / 41.7 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3,912 mm / 154 in.
Track profile height	63.5 mm / 2.5 in. PowderMax® Light with FlexEdge™

SUSPENSION

Front suspension	RAS™ 3
Front shock	KYB® Pro 36 R Easy-Adjust
Front suspension max. travel	220 mm / 8.7 in.
Rear suspension	tMotion™
Center shock	KYB® Pro 40 Easy-Adjust
Rear shock	KYB® Pro 40 Easy-Adjust
Rear suspension max. travel	239 mm / 9.4 in.



FREERIDE™ 154 S-38 850 E-TEC® shown



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FEATURE HIGHLIGHTS



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, starts the engine.



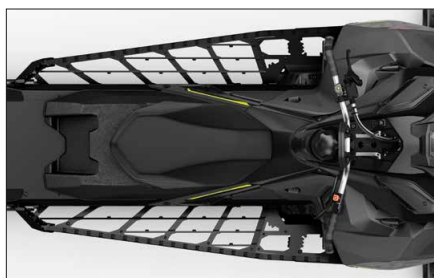
Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection two-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



Wider S-38 ski stance

A mid-width 38.4-in. stance is the ideal combination for agility in boondocking and stability in landings. Can also be set to 40.2 in.



Profile running boards

Extruded grid-style board allowing snow to pass easily through, preventing washout and trenching, plus clears footrests for grip. Flatter foot position for comfort and control.



tMotion™ rear suspension

A swiveling rear arm and split front arm allow the skid to flex laterally for more predictable carving. More rising-rate motion ratio adds capacity and comfort.

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard