

2017

FREERIDE™ 146 / 154

PACKAGE HIGHLIGHTS

- REV-XM™ RS chassis
- tMotion™ rear suspension with reinforced rails
- 16 × 146 / 154 × 2.5 in. PowderMax+ FlexEdge™ track
- KYB+ Pro 40 aluminum piggyback front and rear shocks with Easy-Adjust compression adjuster (22 clics)
- Brembo racing brake with braided stainless-steel brake line
- Lightweight, low profile REV-XM™ seat with 3 L / 0.8 us gal of storage
- RER™ electronic reverse
- Ergonomic, multifunction digital gauge with display with 5 minutes high sampling rate
- Glove box with 4 L / 1 US gal of storage
- RAS™ 2 front suspension
- RF D.E.S.S.™ key
- Aluminum tapered handlebar with grab handle
- Sway bar quick-disconnect



FREERIDE™ 146 shown

ROTAX® ENGINE

800RE-TEC®

Engine details	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2
Displacement	799.5 cc / 48.8 in. ³
Bore	82 mm / 3.2 in.
Stroke	75.7 mm / 3 in.
Maximum engine speed	7900 RPM
Carburation	Electronic Direct Injection
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	40 liters / 10.6 gallons
Oil tank capacity	3.7 liters / 3.9 quarts

POWERTRAIN

Drive clutch type	TRA™ VII
Driven clutch type	QRS
Engagement	3800 RPM
Small sprocket number of teeth	21 (146 in.) 19 (154 in.)
Large sprocket number of teeth	49
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm / 7.2 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

219 kg / 483 lb (146 in.)
221 kg / 487 lb (154 in.)

FEATURES

Frame	REV-XM™ RS	Reverse	RER™	Mirrors	Optional
Skis	Pilot™ DS 2	Heated throttle lever	Standard	Windshield	152 mm / 6 in.
Seating	REV-XM™ lightweight with storage	Heated grips	Standard	Runner	Square 5/16
Handlebar	Aluminum, tapered with J-hooks / Grab handle	Gauge	Multifunction	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	130 mm / 5.1 in.	Electric start	Optional	Hitch	Optional

COLOUR

Octane Blue 

DIMENSIONS

Vehicle overall length	3226 mm / 127 in. (146 in.) 3335 mm / 131.3 in. (154 in.)
Vehicle overall width	1140 to 1184 mm / 44.9 to 46.6 in.
Vehicle overall height	1300 mm / 51.2 in.
Ski stance	975 mm or 1019 mm / 38.4 or 40.1 in.
Ski overall length	1040 mm / 41 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3705 mm / 146 in. 3923 mm / 154 in.
Track profile height	63.5 mm / 2.5 in. PowderMax+ FlexEdge™

SUSPENSION

Front suspension	RAS™ 2
Front shock	KYB+ Pro 40 R Easy-Adjust
Front suspension max. travel	210 mm / 8.3 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™ 146 shown



FREERIDE™ 146 shown

FEATURE HIGHLIGHTS



RAS™ 2 Front suspension

A taller ski spindle, refined geometry and lighter components sharpen the sled's already precise handling, especially in extreme conditions.



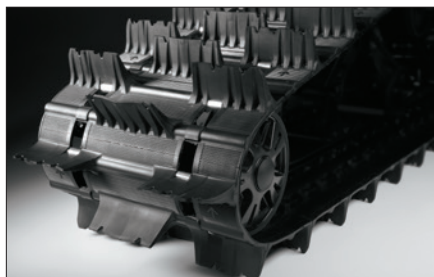
tMotion™ suspension

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.



KYB® 40 R front shocks

KYB® with 40 mm aluminum body with high-pressure gas, high / low speed compression on single base valve and rebound dampening adjustment.



PowderMax® 2.5 FlexEdge™ track

Lightweight 16 inch (41 cm) wide, non-ported track with 2.5 inch (6.35 cm) lugs for better flotation and traction in deep powder.



Multifunction gauge with LCD screen

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard