

2015 FREERIDE™ 146 / 154



PACKAGE HIGHLIGHTS

- REV-XM™ RS chassis
- tMotion™ rear suspension with reinforced rails
- 16 x 146 / 154 x 2.5-inch PowderMax® 2 FlexEdge track with short rods
- Lightweight chromoly front suspension lower A-arms
- KYB® PRO 40 aluminum piggyback front and rear shocks with Easy-Adjust compression adjuster (22 clics)
- Pilot® DS 2 skis
- Brembo racing brake with braided stainless-steel brake line
- Lightweight, low-profile REV-XM seat with 3 L / 0.8 gal of storage
- RER™ electronic reverse

- Ergonomic, multifunction digital gauge with display and 5 minutes high sampling rate record mode
- Engine temperature gauge
- Warm glove box with 4 L / 1 gal of storage
- Adjustable ski stance
- **RF D.E.S.S. key**
- Aluminum tapered handlebar with grab handle
- Painted tunnel
- Sway bar quick-disconnect

EXTRA HIGHLIGHTS

- **Optional Sea level (SL) calibration** (only available with electric start)

NEW features for 2015

ENGINE CHOICE

Engine	Rotax® 800R E-TEC®
Engine details	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2
Displacement	799.5cc / 48.8 in³
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. HA) 23 (146 in. SL) 19 (154 in. HA) 21 (154 in. SL)
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 braided stainless-steel brake line

DRY WEIGHT

220 kg / 485 lb (146 in.)
222 kg / 489 lb (154 in.)

COLOR CHOICE

Manta Green / Magenta

Manta Green / Black

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 2 FlexEdge

SUSPENSION

Front suspension	Dual A-arms
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	356 mm / 14 in. (146 in.) 381 mm / 15 in. (154 in.)

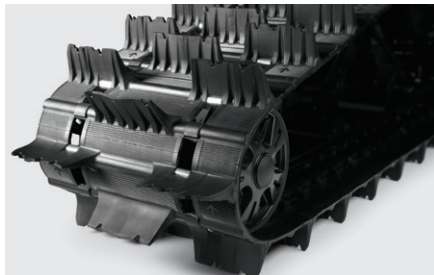
FEATURES

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

HA – High Altitude
SL – Sea Level

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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.



tMotion suspension with reinforced rails

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



KYB PRO 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.



Multifunction gauge with LCD display

COLOR AVAILABLE

Manta Green / Magenta 

Manta Green / Black 

ENGINE CHOICE

800R E-TEC

GAUGE FEATURES

Speedometer Standard

Tachometer Standard

Fuel Standard

Temperature Standard

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