

2014 FREERIDE™ 146 / 154



PACKAGE HIGHLIGHTS

- REV-XM™ RS chassis
- tMotion™ rear suspension with reinforced rails
- Non-ported 16 x 146/154 x 2.5-inch PowderMax™ 2 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
- Running boards with large opening
- Aluminum tapered handlebar with grab handle
- Painted tunnel
- Quick sway bar disconnect

NEW features for 2014

ENGINE CHOICE

Engine	Rotax® E-TEC® 800R
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.) 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 braided stainless-steel brake line

DRY WEIGHT

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

COLOR CHOICE

White / Grey

DIMENSIONS

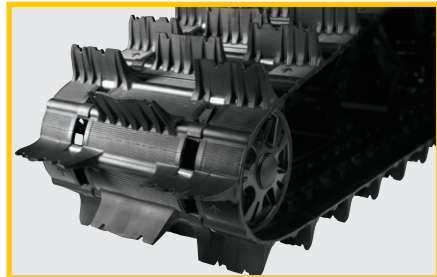
Vehicle overall length	3226 mm / 127 in. (146 in.) 3335 mm / 131.3 in. (154 in.)
Vehicle overall width	1140 to 1184 mm / 44.9 to 46.6 in.
Vehicle overall height	1300 mm / 51.2 in.
Ski stance	975 mm or 1019 mm / 38.4 or 40.1 in.
Ski overall length	1040 mm / 41 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3705 mm / 146 in. 3923 mm / 154 in.
Track profile height	63.5 mm / 2.5 in. PowderMax 2 (short rods)

SUSPENSION

Front suspension	Dual A-arms
Front shock	KYB PRO 40R 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 light weight 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		



2.5" PowderMax 2 track

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



NEW tMotion rear 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 display

COLOR AVAILABLE

White / Grey 

ENGINE CHOICE

E-TEC 800R

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Temperature	Standard

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