

# 2017 FREERIDE™ 137

## PACKAGE HIGHLIGHTS

- Sea level calibration
- REV-XM™ RS chassis
- rMotion™ rear suspension with reinforced rails
- 16 × 137 PowderMax<sup>+</sup> FlexEdge™ track choice
- KYB<sup>+</sup> 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
- Sway bar quick-disconnect
- Ergonomic, multifunction digital gauge with display and 5 minutes high sampling rate record mode
- 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



FREERIDE™ 137 shown

## ROTAX® ENGINE

### 800RE-TEC®

Engine details	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2
Displacement	799.5 cc / 48.8 in. <sup>3</sup>
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	23 (PowderMax <sup>+</sup> 1.75 in.) 21 (PowderMax <sup>+</sup> 2.25 in.)
Large sprocket number of teeth	45
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

230 kg / 507 lb

## 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	Standard	Hitch	Optional

## COLOUR

Octane Blue 

## DIMENSIONS

Vehicle overall length	3110 mm / 122.4 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	3487 mm / 137 in.
Track profile height	44.5 mm / 1.75 in. PowderMax <sup>+</sup> FlexEdge™ or 57.2 mm / 2.25 in. PowderMax <sup>+</sup> FlexEdge™

## SUSPENSION

Front suspension	RAS™ 2
Front shock	KYB <sup>+</sup> Pro 40 R Easy-Adjust
Front suspension max. travel	210 mm / 8.3 in.
Rear suspension	rMotion™
Center shock	KYB <sup>+</sup> Pro 40 Easy-Adjust
Rear shock	KYB <sup>+</sup> Pro 40 Easy-Adjust
Rear suspension max. travel	270 mm / 10.6 in.



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## 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.



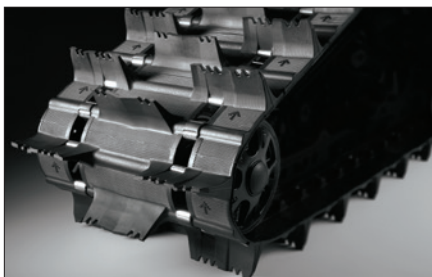
### rMotion™ suspension

Sets new standards in comfort, capability and adjustability.



### 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® FlexEdge™ track choice

Lightweight 16 inch (41 cm) wide PowderMax® FlexEdge™ track with choice of 1.75 inch (4.45 cm) or 2.25 inch (5.72 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