

# 2016 FREERIDE™ 146 / 154

## PACKAGE HIGHLIGHTS

- REV-XM™ RS chassis
- tMotion™ rear suspension with reinforced rails
- 16 x 146/154 x 2.5-inch 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 gal of storage
- RER™ electronic reverse
- Ergonomic, multifunction digital gauge with display and 5 minutes high sampling rate record mode
- Glove box with 4 L / 1 gal of storage
- **NEW RAS™ 2 front suspension**
- RF D.E.S.S.™ key
- Aluminum tapered handlebar with grab handle
- Sway bar quick-disconnect



146" shown

NEW features for 2016

ROTAX® ENGINE	800R E-TEC®
Engine details	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2
Displacement	799.5cc / 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	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

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

## FEATURES

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



154" shown

# FEATURE HIGHLIGHTS



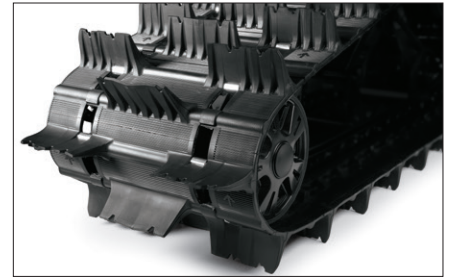
### NEW RAS 2 front suspension

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



### tMotion 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.



### PowderMax 2.5 FlexEdge track

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



### 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

## GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard