

2017 SUMMIT[®] SP

PACKAGE HIGHLIGHTS

- RAS™ 2 front suspension
- REV-XM™ platform
- **tMotion™ rear suspension with ice scratchers**
- 16 × 146 × 2.5 in. PowderMax⁺ FlexEdge™ track
- Pilot™ DS 2 skis
- Brembo racing brake with braided stainless-steel brake line
- Lightweight, low profile REV-XM™ seat with 3L / 0.8 US gal of storage
- RER™ electronic reverse
- Ergonomic, multifunction digital gauge with display with engine temperature gauge
- Glove box with 4 L / 1 US gal of storage
- Running boards with large opening
- RF D.E.S.S.™ key
- Stiff grab handle on handlebar

EXTRA HIGHLIGHTS

- 600 H.O. E-TEC[®]
- 16 × 146 / 154 × 2.5 in. PowderMax⁺ FlexEdge™ track



600 H.O. E-TEC shown

ROTAX[®] ENGINE

	600 H.O. E-TEC [®]	800 E-TEC [®]
Engine details	Liquid-cooled, 3-D R.A.V.E.™	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2	2
Displacement	594.4 cc / 36.3 in. ³	799.5 cc / 48.8 in. ³
Bore	72 mm / 2.8 in.	82 mm / 3.2 in.
Stroke	73 mm / 2.9 in.	75.7 mm / 3 in.
Maximum engine speed	8100 RPM	7900 RPM
Carburation	Electronic Direct Injection	Electronic Direct Injection
Recommended fuel type	Premium unleaded	Premium unleaded
Minimum octane	91	91
Fuel tank	40 liters / 10.6 gallons	40 liters / 10.6 gallons
Oil tank capacity	3.7 liters / 3.9 quarts	3.7 liters / 3.9 quarts

POWERTRAIN

	600 H.O. E-TEC [®]	800 E-TEC [®]
Drive clutch type	TRA™ III	TRA™ VII
Driven clutch type	QRS	QRS
Engagement	4000 RPM	3800 RPM
Small sprocket number of teeth	19	21
Large sprocket number of teeth	49 (146 in.) 51 (154 in.)	49
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

204 kg / 450 lb (146 in.)	206 kg / 455 lb
205 kg / 452 lb (154 in.)	

COLOUR

Sunburst Yellow / Black 
Black 

DIMENSIONS

Vehicle overall length	3226 mm / 127 in. (146 in.) 3335 mm / 131.3 in. (154 in.)
Vehicle overall width	1081 to 1126 mm / 42.6 to 44.3 in.
Vehicle overall height	1346 mm / 53 in.
Ski stance	907 mm or 950 mm / 35.7 or 37.4 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	HPG™
Front suspension max.travel	200 mm / 8 in.
Rear suspension	tMotion™
Center shock	HPG™
Rear shock	HPG™
Rear suspension max.travel	239 mm / 9.4 in.

FEATURES

Frame	REV-XM™	Reverse	RER™	Mirrors	Optional
Skis	Pilot™ DS 2	Heated throttle lever	Standard	Windshield	285 mm / 12 in.
Seating	REV-XM™ lightweight with storage	Heated grips	Standard	Runner	Square 5/16
Handlebar	Aluminum with J-hooks / Grab handle	Gauge	Multifunction	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	205 mm / 8 in.	Electric start	Optional	Hitch	Optional



800R E-TEC shown



800R E-TEC 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™ 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.



Low-profile REV-XM™ seat

Extremely narrow in front and low profile for easily passing legs from side to side. 3.2 L (0.8 gal) of storage in seat base.



Steering and flat gauge

Minimalist design for no interference with the rider. Warmer switches on console. Rigid grab strap offers more leverage and confidence in tricky maneuvers.



Multifunction gauge with LCD screen

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard