

2017 SUMMIT[®] SP 163/174

PACKAGE HIGHLIGHTS

- RAS™ 2 front suspension
- REV-XM™ platform
- **tMotion™ rear suspension with ice scratchers**
- 16 × 163/174 × 3.0 in. PowderMax[†] 3 FlexEdge™ track
- Pilot™ DS 3 skis
- Adjustable narrow ski stance
- Brembo racing brake with braided stainless-steel brake line
- Lightweight, low profile REV-XM™ seat with 3 L / 0.8 us gal of storage
- RER™ electronic reverse
- Ergonomic, multifunction digital gauge with display with engine temperature gauge
- Warm glove box with 4 L / 1 US gal of storage
- Running boards with large opening
- RF D.E.S.S.™ key



SUMMIT[®] SP 800R 174 shown

ROTAX[®] ENGINE

800RE-TEC[®]

Engine details	Liquid-cooled, 3-D R.A.V.E.™
Cylinders	2
Displacement	799.5 cc / 48.8 in. ³
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 (163 in.) 19 (174 in.)
Large sprocket number of teeth	49 (174 in.) 51 (163 in.)
Drive sprocket number of teeth	7
Drive sprocket diameter	183 mm / 7.2 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

213 kg / 469 lb (163 in.)
215 kg / 474 lb (174 in.)

COLOUR

Sunburst Yellow / Black  (174 in. only)
Black 

DIMENSIONS

Vehicle overall length	3445 mm / 135.6 in. (163 in.) 3579 mm / 140.9 in. (174 in.)
Vehicle overall width	1081 to 1126mm / 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	4141 mm / 163 in. 4420 mm / 174 in.
Track profile height	76.2 mm / 3.0 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. (163 in.) 242 mm / 9.5 in. (174 in.)

FEATURES

Frame	REV-XM™	Reverse	RER™	Mirrors	Optional
Skis	Pilot™ DS 3	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



SUMMIT® SP 800R 174 shown



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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.



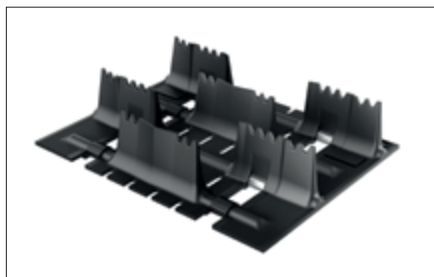
tMotion™ rear suspension

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.



Pilot™ DS3 skis

Designed to work in tandem with the deeper and longer 3.0" tracks. It has a .47 in (12 mm) deeper keel. Holds a sidehill better and offers great control. Narrow ski tip cuts through crusty shallow snow; wide easy-to-install extension widens the tip for added flotation in deeper powder.



PowderMax® 3.0 FlexEdge™ track

Exclusive 16 inch (41 cm) wide design with 3 inch (7.62 cm) track lugs, the tallest ever offered by a sled manufacturer. 4 rows of slim slots and 3 inch lug pitch were integrated for weight saving.



Multifunction gauge with LCD screen

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard