

2017

SUMMIT[®] SP 850 E-TEC

NEW

PACKAGE HIGHLIGHTS

- Rotax[®] 850 E-TEC[®] engine
- RAS[™] 3 front suspension
- REV[®] (G4) platform
- pDrive clutch with clickers
- Ergo-step side panels
- Compact digital gauge
- tMotion[™] rear suspension
- PowderMax[†] FlexEdge[™] track choice: 16 × 154 / 165 × 2.5 / 3.0 in.
- Brembo racing brake with braided stainless-steel brake line
- RER[™] electronic reverse
- Warm glove box with 4 L / 1 US gal of storage
- Running boards with large opening
- RF D.E.S.S.[™] key

SUMMIT[®] SP 850 shown

ROTAX[®] ENGINE

850E-TEC[®]

Engine details	Liquid-cooled, electronic R.A.V.E. [™]
Cylinders	2
Displacement	849 cc / 51.9 in ³
Bore	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.
Maximum engine speed	7900 RPM
Carburation	Electronic Direct Injection with additional booster injectors
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	36 liters / 9.5 gallons
Oil tank capacity	3.4 liters / 3.6 quarts

POWERTRAIN

Drive clutch type	pDrive
Driven clutch type	QRS
Engagement	3800 RPM
Small sprocket number of teeth	19 (154 in. – 165 in.)
Large sprocket number of teeth	45 (154 in. – 165 in.)
Drive sprocket number of teeth	6
Drive sprocket diameter	166 mm / 6.5 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

DRY WEIGHT

200 kg / 440 lb (154 in.)
203 kg / 447 lb (165 in.)

FEATURES

Frame	REV[®] (G4)	Reverse	RER [™]	Mirrors	Optional
Skis	Pilot [™] DS 3	Heated throttle lever	Standard	Windshield	Optional
Seating	Mountain	Heated grips	Standard	Runner	Square 3/8
Handlebar	Aluminum with J-hooks / Grab handle	Gauge	Compact	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	190 mm / 7.5 in.	Electric start	Optional	Hitch	Optional

COLOUR

Sunburst Yellow / Black

DIMENSIONS

Vehicle overall length	3422 mm / 134.7 in. (154 in.) 3555 mm / 140 in. (165 in.)
Vehicle overall width	1057 mm / 41.6 in.
Vehicle overall height	1379 mm / 54.3 in.
Ski stance	895 mm / 35.2 in.
Ski overall length	1040 mm / 41 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3923 mm / 154 in. 4178 mm / 165 in.
Track profile height	63.5 mm / 2.5 in. or 76.2 mm / 3.0 in. PowderMax [†] FlexEdge [™]

SUSPENSION

Front suspension	RAS [™] 3
Front shock	HPG [™]
Front suspension max. travel	214 mm / 8.4 in.
Rear suspension	tMotion [™]
Center shock	HPG [™]
Rear shock	HPG [™]
Rear suspension max. travel	239 mm / 9.4 in.



SUMMIT® SP 850 shown



SUMMIT® SP 850 shown
with Toe-hold accessory

FEATURE HIGHLIGHTS



NEW Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection two-stroke engine technology. Designed for reliability and durability with proven 4-stroke and diesel technologies.



NEW Summit Ergo-Step side panels

Rear section of the panels are ergonomically shaped to support the rider's shins on downhills. Narrow profile and shape at bottom minimizes "paneling out" in sidehilling. Toe-hold can be added as an accessory.



NEW pDrive™ clutch

Fast and friction-free dual rollers transfer torque in place of traditional sliding buttons on this 100% new clutch. Ultra-responsive shifting, impressive RPM consistency and lightweight.



tMotion™ 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.



NEW Compact digital gauge

Includes all critical data points in a small, lightweight package positioned perfectly to be seen by a standing rider.

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard