

2017

# SUMMIT<sup>®</sup> SP 850 E-TEC

NEW

## PACKAGE HIGHLIGHTS

- Rotax<sup>®</sup> 850 E-TEC<sup>®</sup> engine
- RAS<sup>™</sup> 3 front suspension
- REV<sup>®</sup> Gen4 platform
- pDrive clutch with clickers
- Ergo-step side panels
- Compact digital gauge
- tMotion<sup>™</sup> rear suspension
- PowderMax<sup>†</sup> FlexEdge<sup>™</sup> track choice: 16 × 154 / 165 × 2.5 / 3.0 in.
- Brembo racing brake with braided stainless-steel brake line
- RER<sup>™</sup> electronic reverse
- Warm glove box with 4 L / 1 US gal of storage
- Running boards with large opening
- RF D.E.S.S.<sup>™</sup> key

SUMMIT<sup>®</sup> SP 850 shown

## ROTAX<sup>®</sup> ENGINE

### 850E-TEC<sup>®</sup>

Engine details	Liquid-cooled, electronic R.A.V.E. <sup>™</sup>
Cylinders	2
Displacement	849 cc / 51.9 in <sup>3</sup>
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.) 21 (165 in.)
Large sprocket number of teeth	45 (154 in.) 51 (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.)

## 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 <sup>†</sup> FlexEdge <sup>™</sup>

## SUSPENSION

Front suspension	RAS <sup>™</sup> 3
Front shock	HPG <sup>™</sup>
Front suspension max. travel	215 mm / 8.5 in.
Rear suspension	tMotion <sup>™</sup>
Center shock	HPG <sup>™</sup>
Rear shock	HPG <sup>™</sup>
Rear suspension max. travel	239 mm / 9.4 in.

## FEATURES

Frame	REV <sup>®</sup> Gen4	Reverse	RER <sup>™</sup>	Mirrors	Optional
Skis	Pilot <sup>™</sup> 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



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