

# 2019 SUMMIT® SP

## PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600R E-TEC® engines
- RAS™ 3 front suspension
- REV® Gen4 platform with narrow-design bodywork
- PowderMax<sup>+</sup> with FlexEdge™ track choice:  
850 E-TEC®: 406 x 3,705 / 3,912 / 4,178 x 63.5 mm (16 x 146 / 154 / 165 x 2.5 in.)  
600R E-TEC®: 406 x 3,705 / 3,912 x 63.5 mm (16 x 146 / 154 x 2.5 in.)
- tMotion™ rear suspension with ice scratchers
- Pilot™ DS 3 skis
- Ergo-Step side panels
- Adjustable narrow ski stance
- Brembo racing brake with braided stainless-steel brake line
- RER™ electronic reverse
- Compact digital gauge
- Warm glove box with 4 L of storage
- Running boards with large openings
- RF D.E.S.S.™ key
- Stiff grab handle on handlebar
- pDrive™ clutch with clickers



SUMMIT® SP 175 850 E-TEC® shown

## ROTAX® ENGINE

	850 E-TEC®	600R E-TEC®
Engine details	Liquid-cooled, eRAVE™	Liquid-cooled, eRAVE™
Cylinders	2	2
Displacement	849 cc	599.4 cc
Bore	82 mm	72.3 mm
Stroke	80.4 mm	73 mm
Maximum engine speed	7,900 RPM	8,100 RPM
Carburation	E-TEC direct injection with additional booster injectors	E-TEC direct injection
Recommended fuel type	Unleaded	Unleaded
Minimum octane	95	95
Fuel tank	36 L	36 L
Oil tank capacity	3.4 L	3.4 L

## POWERTRAIN

	850 E-TEC®	600R E-TEC®
Drive clutch type	pDrive™ with clickers	pDrive™ with clickers
Driven clutch type	QRS	QRS
Engagement	3,800 RPM	3,400 RPM
Small sprocket number of teeth	21	21
Large sprocket number of teeth	49 (146 in.) 51 (154 in.) 53 (165 in.)	51 (146 in.) 53 (154 in.)
Drive sprocket number of teeth	8 (146 in.) 6 (154 - 165 in.)	8 (146 in.) 6 (154 in.)
Drive sprocket diameter	183 mm (146 in.) 164 mm (154 - 165 in.)	183 mm (146 in.) 164 mm (154 in.)
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

## DRY WEIGHT

202 kg (146 in.)	199 kg (146 in.)
203 kg (154 in.)	200 kg (154 in.)
206 kg (165 in.)	

## COLOR

Octane Blue / Black

Black

## DIMENSIONS

Vehicle overall length	3,110 mm (146 in.) 3,312 mm (154 in.) 3,445 mm (165 in.) (850 E-TEC® only)
Vehicle overall width	1,080 to 1,110 mm
Vehicle overall height	1,386 mm
Ski stance	910 or 950 mm
Ski overall length	1,058 mm
Track nominal width	406 mm
Track nominal length	3,705 mm 3,912 mm 4,178 mm (850 E-TEC® only)
Track profile height	63.5 mm PowderMax <sup>+</sup> II with FlexEdge™ (146 in.) or 63.5 mm PowderMax <sup>+</sup> Light with FlexEdge™ (154 in. - 165 in.)

## SUSPENSION

Front suspension	RAS™ 3
Front shock	HPG™
Front suspension max. travel	215 mm
Rear suspension	tMotion™
Center shock	HPG™
Rear shock	HPG™
Rear suspension max. travel	239 mm

## FEATURES

Frame	REV® Gen4	Riser block height	165 mm	Mirrors	Optional
Bodywork	Narrow design	Starter	Manual (850 E-TEC), Electric (600R E-TEC)	Windshield	N/A
Skis	Pilot™ DS 3	Reverse	RER™	Runner	Square 3/8
Seating	Mountain	Heated throttle lever/ grips	Standard	Carbide configuration	102 mm at 90°
Handlebar	U-shaped aluminum with J-hooks / Grab handle	Gauge	Compact	Hitch	Optional