

# 2020 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 FledEdge II 406 x 3705 x 64 mm
- PowderMax III Light with FlexEdge 406 x 3912 x 64 mm
- 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
- Improved deep snow running boards with large openings
- RF D.E.S.S.™ key
- Stiff grab handle on handlebar
- pDrive™ clutch with clickers



SUMMIT® SP 146 850 E-TEC® shown

## ROTAX® ENGINE

	850 E-TEC®	600R E-TEC®
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, 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

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

## FEATURES

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

## COLOR

Octane Blue / Black

## DIMENSIONS

Vehicle overall length	3,110 mm (146 in.) 3,312 mm (154 in.)
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 / 146 in. / 3,912 mm / 154 in.
Track profile height	63,5 mm PowderMax II 63,5 mm PowderMax III Light With FlexEdge

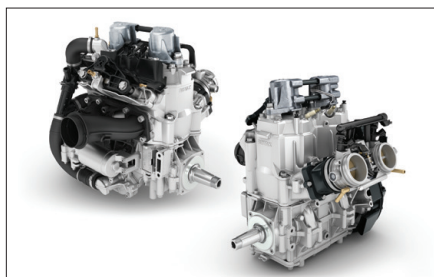
## SUSPENSION

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



SUMMIT® SP 154 600R E-TEC® shown

## FEATURE HIGHLIGHTS



### Rotax® 850 E-TEC® and 600R E-TEC® engines

Incredible power and unmatched dynamic response with exclusive E-TEC® direct-injection technology. Plasma-coated, mono-block cylinders are used for exceptional durability, while the precision of E-TEC® injection means you get excellent fuel and oil economy.



### Deep snow 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. Bottom pan is shaped for flotation in carving and sidehilling.



### pDrive™ clutch

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



### 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.

## GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard