

# 2020 SUMMIT® X®



SUMMIT® X® 175 850 E-TEC® shown

## PACKAGE HIGHLIGHTS

- E-TEC® SHOT™ starter
- Rotax® 850 E-TEC® engine
- RAS™ 3 front suspension
- REV® Gen4 platform with narrow-design bodywork
- pDrive™ clutch with clickers
- Ergo-Step side panels
- Compact digital gauge
- Full-length extruded profile running boards with large openings
- tMotion™ rear suspension with ice scratchers
- PowderMax® Light with FlexEdge™ track choice: 16 x 154 / 165 x 2.5 in. or 16 x 154 / 165 / 175 x 3.0 in.\*
- Brembo racing brake with braided stainless-steel brake line
- RER™ electronic reverse
- RF D.E.S.S.™ key
- Sea-level calibration available on all configurations
- Warm glove box with 4 L / 1 US gal of storage
- Pilot™ DS 3 skis
- Stiff grab handle on handlebar
- **ULTIMATE Iceberg Blue color with panel wrap:** Supreme look and finish, maximum protection

## ROTAX® ENGINE

### 850 E-TEC®

Engine details	Liquid-cooled, two-stroke, eRAVE™
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	7,900 RPM
Carburation	E-TEC® direct injection with additional booster injectors
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt

## POWERTRAIN

Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	Sea-Level: 3,300 RPM High Altitude : 3,600 RPM (154 - 165 in.) 3,900 (175 in.)
Small sprocket number of teeth	21
Large sprocket number of teeth	51 (154 in.) 53 (165 - 175 in.)
Drive sprocket number of teeth	6
Drive sprocket diameter	164 mm / 6.5 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

## DRY WEIGHT

201 kg / 442 lb (154 in.)  
204 kg / 449 lb (165 in.)  
208 kg / 457 lb (175 in.)

## COLOR

**ULTIMATE Iceberg Blue**   
**Sunburst Yellow / Black**   
**Black** 

## DIMENSIONS

Vehicle overall length	3,312 mm / 130.4 in. (154 in.) 3,445 mm / 135.6 in. (165 in.) 3,503 mm / 137.9 in. (175 in.)
Vehicle overall width	1,080 to 1,110 mm / 42.5 to 43.7 in.
Vehicle overall height	1,386 mm / 54.6 in.
Ski stance	910 or 950 mm / 35.8 or 37.4 in.
Ski overall length	1,058 mm / 41.7 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3,912 mm / 154 in. 4,178 mm / 165 in. 4,445 mm / 175 in.
Track profile height	63.5 mm / 2.5 in. PowderMax® Light with FlexEdge™ (154 in. - 165 in.) or 76.2 mm / 3.0 in. PowderMax® Light with FlexEdge™ (175 in.) or
Optional track	76.2 mm / 3.0 in. PowderMax® Light with FlexEdge™ (154 in. - 165 in.)

## SUSPENSION

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

## FEATURES

Frame	REV® Gen4	Riser block height	165 mm / 6.5 in.	Mirrors	Optional
Bodywork	Narrow design	Starter	Manual, Electric (opt.), SHOT (opt.)	Windshield	Optional
Skis	Pilot™ DS 3	Reverse	RER™	Runner	Square 3/8
Seating	Deep snow	Heated throttle lever/ grips	Standard	Carbide configuration	102 mm / 4 in. at 90°
Handlebar	U-shaped aluminum with J-hooks / Grab handle	Gauge	Compact	Hitch	Optional



SUMMIT® X® 154 850 E-TEC® shown



SUMMIT® X® 165 850 E-TEC® shown

## FEATURE HIGHLIGHTS



### E-TEC® SHOT™ starter

Push-button starting with almost no added weight. Uses energy stored in the lightweight ultracapacitor to turn the magneto and with E-TEC® technology, starts the engine.



### 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 long-lasting automotive technologies.



### 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.



### Improved profile running boards

Front to back extruded grid-style board allowing snow to pass easily through, preventing washout and trenching, plus clears footrests for grip. Flatter foot position for comfort and control.

## GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard