

2018

SUMMIT X 850 E-TEC

PACKAGE HIGHLIGHTS

- **SHOT starter**
- Rotax® 850 E-TEC® engine
- RAS™ 3 front suspension
- REV® Gen4 platform
- pDrive™ clutch with clickers
- Ergo-step side panels
- Compact digital gauge
- Profile running boards with large opening
- tMotion™ rear suspension
- 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**



SUMMIT® X 154 850 E-TEC® 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 | 7,900 RPM |
| Carburation | Electronic 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™ |
| Driven clutch type | QRS |
| Engagement | 3,800 RPM |
| 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 | 166 mm / 6.5 in. |
| Brake system | Brembo racing brake with stainless-steel braided brake line |

DRY WEIGHT

199 kg / 439 lb (154 in.) 202 kg / 446 lb (165 in.) **206 kg / 454 lb (175 in.)**

COLOR

Octane Blue / Manta Green

Black

DIMENSIONS

| | |
|------------------------|--|
| Vehicle overall length | 3,422 mm / 134.7 in. (154 in.) 3,555 mm / 140 in. (165 in.) 3,688 mm / 145.2 in. (175 in.) |
| Vehicle overall width | 1,080 to 1,110 mm / 42.5 to 43.7 in. |
| Vehicle overall height | 1,359 mm / 53.5 in. |
| Ski stance | 907 mm or 950 mm / 35.7 or 37.4 in. |
| Ski overall length | 1,040 mm / 41 in. |
| Track nominal width | 406 mm / 16 in. |
| Track nominal length | 3,923 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.) |
| 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 | Starter | Manual, Electric (Opt.), SHOT (Opt.) | Mirrors | Optional |
| Skis | Pilot™ DS 3 | Reverse | RER™ | Windshield | Optional |
| Seating | Mountain | Heated throttle lever | Standard | Runner | Square 3/8 |
| Handlebar | Aluminum with J-hooks / Grab handle | Heated grips | Standard | Carbide configuration | 102 mm / 4 in. at 90° |
| Riser block height | 165 mm / 6.5 in. | Gauge | Compact | Hitch | Optional |



SUMMIT® X 165 850 E-TEC® shown



SUMMIT® X 175 850 E-TEC® shown

FEATURE HIGHLIGHTS



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 diesel technologies.



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. 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 on this 100% new clutch. Ultra-responsive shifting, impressive RPM consistency and lightweight.



Profile running boards

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 |