

# 2012 SUMMIT<sup>®</sup> SP



## ENGINE CHOICE

Engine	Rotax <sup>®</sup> E-TEC <sup>®</sup> 800R	Rotax E-TEC 600 H.O.
Engine details	Liquid-cooled, 3-D R.A.V.E. <sup>™</sup>	Liquid-cooled, 3-D R.A.V.E.
Cylinders	2	2
Displacement	799.5 cc / 48.8 in <sup>3</sup>	594.4 cc / 36.3 in <sup>3</sup>
Bore	82 mm / 3.2 in	72 mm / 2.8 in
Stroke	75.7 mm / 3 in	73 mm / 2.9 in
Maximum engine speed	7900 RPM	8100 RPM
Carburation	Electronic Direct Injection	Electronic Direct Injection
Recommended fuel type	Premium unleaded	Premium unleaded
Minimum octane	91	91
Fuel tank	40 liters / 10.6 gallons	40 liters / 10.6 gallons
Oil tank capacity	3.7 liters / 3.9 quarts	3.7 liters / 3.9 quarts
Exhaust system	Single tuned-pipe, baffle muffler	Single tuned-pipe, baffle muffler

## POWERTRAIN

Drive clutch type	TRA <sup>™</sup> VII	TRA <sup>™</sup> III
Driven clutch type	QRS	QRS
Engagement	3800 RPM	4000 RPM
Small sprocket number of teeth	21 (146 in) 19 (154 in -163 in)	19
Large sprocket number of teeth	49 (146 in - 154 in) 51 (163 in)	49
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in	183 mm / 7.2 in
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

## DRY WEIGHT

146 in	208 kg / 459 lb	206 kg / 454 lb
154 in	211 kg / 464 lb	207 kg / 456 lb
163 in	213 kg / 469 lb	

## FEATURES

Frame	REV-XP	Reverse	RER	Temperature gauge	Optional
Skis	Pilot DS	Heated throttle lever	Standard	Mirrors	Optional
Seating	REV-XP X narrow with storage	Heated grips	Standard	Windshield	285 mm / 12 in
Handlebar	Aluminum with J-hooks / Mountain strap	Speedometer	Standard	Carbide runner	Standard
Riser block height	205 mm / 8 in	Tachometer	Standard	Hitch	Optional
Electric start	Optional	Fuel gauge	Standard		

## PACKAGE HIGHLIGHTS

- REV-XP<sup>™</sup> platform
- SC<sup>™</sup>5M rear suspension
- Non-ported 16 x 146/154 x 2.25-inch PowderMax<sup>™</sup> track
- Lightweight chromoly front suspension lower A-arm
- **NEW** Pilot<sup>™</sup> DS skis
- Narrower ski stance, adjustable
- Brembo racing brake with stainless-steel braided brake line
- RER<sup>™</sup> electronic reverse
- **NEW** REV-XP X narrow seat with 1.3 gal (5 l) of storage
- **NEW** Multi-function gauge with display
- 285-mm / 12-inch windshield

## EXTRA HIGHLIGHTS

### E-TEC 800R

- Non-ported 16 x 146/154/163 x 2.5-inch PowderMax<sup>™</sup> II track

## COLOR CHOICE

Deep Black

## DIMENSIONS

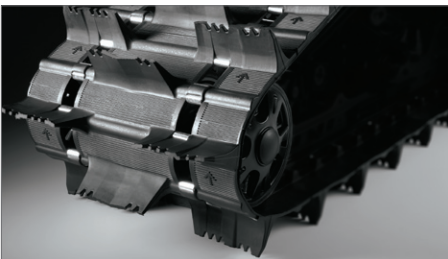
Vehicle overall length	3226 mm / 127 in ( 146 in) 3335 mm / 131.3 in (154 in) 3445 mm / 135.6 in (163 in) (E-TEC 800R)
Vehicle overall width	1081 to 1126mm / 42.6 to 44.3 in
Vehicle overall height	1300 mm / 51.2 in
Ski stance	907 mm or 950 mm / 35.7 or 37.4 in
Ski overall length	1040 mm / 41 in
Ski width	165 mm / 6.5 in
Track nominal width	406 mm / 16 in
Track nominal length	3705 mm / 146 in 3923 mm / 154 in 4141 mm / 163 in (E-TEC 800R)
Track profile height	57.2 mm / 2.25 in 63.5 mm / 2.5 in (E-TEC 800R)

## SUSPENSION

Front suspension	Dual A-arms
Front shock	HPG
Front suspension max. travel	200 mm / 8 in
Rear suspension	SC-5M
Center shock	HPG
Rear shock	HPG
Rear suspension max. travel	356 mm / 14 in (146 in) 381 mm / 15 in (154 in) 406 mm / 16 in (163 in) (E-TEC 800R)



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## **PowderMax Track**

Lightweight 16" wide track with 2.25" lugs for better flotation and traction in deep powder.



## **NEW Pilot DS Skis**

Significantly improved sidehilling bite thanks to flat outer edges and a narrower, thinner and stiffer ski.



## **NEW Seat+ Storage**

1.3 gal (5 l) of storage easily holds all the items needed for even the longest rides.