

2018

EXPEDITION[®] SPORT

PACKAGE HIGHLIGHTS

- Rotax[®] ACE engine with 420W magneto
- REV-XS[™] platform
- SC[™]-5U articulating rear suspension
- Locking mechanism on one side (no tool required) for articulated suspension
- 16 x 154 x 1.5 in. Charger track
- Adjustable ski stance
- Brembo brake with braided stainless-steel brake line
- Reversible throttle lever (thumb or finger activated)
- Heated driver's visor power outlet
- Rack & Hitch
- RF D.E.S.S.[™] key
- iTC[™] Engine mapping modes (Standard, Sport or ECO[®])
- Air radiator with fan & engine oil cooler



600 ACE shown

ROTAX[®] ENGINE

	600ACE	900ACE
Engine details	Liquid-cooled, four-stroke D.O.H.C., dry sump	Liquid-cooled, four-stroke D.O.H.C., dry sump
Cylinders	2	3
Displacement	600 cc / 36.6 in. ³	899 cc / 54.9 in. ³
Bore	74 mm / 2.9 in.	74 mm / 2.9 in.
Stroke	69.7 mm / 2.7 in.	69.7 mm / 2.7 in.
Maximum engine speed	7,250 RPM	7,250 RPM
Carburation	EFI	EFI
Recommended fuel type	Regular unleaded	Regular unleaded
Minimum octane	87	87
Fuel tank	40 L / 10.6 US gal	40 L / 10.6 US gal
Oil tank capacity	2.1 L / 2.2 qt	3.3 L / 3.5 qt

POWERTRAIN

	600ACE	900ACE
Drive clutch type	eDrive [™] 2	eDrive [™] 2
Driven clutch type	QRS (short shaft)	QRS (short shaft)
Engagement	2,200 RPM	2,200 RPM
Small sprocket number of teeth	21	24
Large sprocket number of teeth	51	49
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Brake system	Brembo brake with braided stainless-steel brake line	Brembo brake with braided stainless-steel brake line

DRY WEIGHT

600ACE	244 kg / 537 lb
900ACE	253 kg / 558 lb

FEATURES

Frame	REV-XS [™]	Starter	Electric	Mirrors	Optional
Skis	Pilot [™] DS 2	Reverse	Mechanical	Windshield	460 mm / 18 in.
Seating	2-up	Heated throttle lever	Standard	Runner	Square 5/16
Handlebar	Aluminum with J-hooks	Heated grips	Standard	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	160 mm / 6.3 in.	Gauge	Analog with display	Hitch	Tongue Type

COLOR

White

DIMENSIONS

Vehicle overall length	3,329 mm / 131.6 in.
Vehicle overall width	1,159 or 1,204 mm / 45.6 or 47.4 in.
Vehicle overall height	1,275 mm / 50.2 in.
Ski stance	975 mm or 1,018 mm / 38.4 or 40.1 in.
Ski overall length	1,040 mm / 41 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3,923 mm / 154 in.
Track profile height	38.1 mm / 1.5 in. Charger

SUSPENSION

Front suspension	Dual A-arms
Front shock	Motion Control
Front suspension max. travel	210 mm / 8.3 in.
Rear suspension	SC [™] -5U
Center shock	Motion Control
Rear shock	HPG [™]
Rear suspension max. travel	239 mm / 9.4 in.



900 ACE shown



900 ACE shown

FEATURE HIGHLIGHTS



iTC™ with ECO® mode

The industry's only Intelligent Throttle Control (iTC™) throttle-by-wire technology. Includes three shift-on-the-fly driving modes (Sport, Standard, ECO®), Learning Key feature and optional finger throttle operation.



Finger throttle position

Throttle block can be rotated to be used as either a traditional thumb throttle or unique finger throttle.



Handlebar control

Redesigned to be more intuitive. Warmer switches oriented to up/down operation.



2-up seat with passenger handholds

Comfortable 2-up seat with backrest, including handholds.



Analog gauge with display

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Optional

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- Locking mechanism on one side (no tool required) for articulated suspension
- 16 x 154 x 1.5 in. Charger track
- Adjustable ski stance
- Brembo brake with braided stainless-steel brake line
- RER™ electronic reverse
- Heated driver's visor power outlet
- Rack & Hitch
- 2-up seat with backrest
- Low oil light



SPORT 550F shown

ROTAX[®] ENGINE

550F

Engine details	Axial fan-cooled, cylinder reed porting
Cylinders	2
Displacement	553.4 cc / 33.8 in. ³
Bore	76 mm / 3 in.
Stroke	61 mm / 2.4 in.
Maximum engine speed	6,800 RPM
Carburation	2X VM-30
Recommended fuel type	Regular unleaded
Minimum octane	87
Fuel tank	40 L / 10.6 US gal
Oil tank capacity	3.7 L / 3.9 qt

POWERTRAIN

Drive clutch type	eDrive™ 2
Driven clutch type	QRS (short shaft)
Engagement	2,600 RPM
Small sprocket number of teeth	19
Large sprocket number of teeth	45
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm / 7.2 in.
Brake system	Brembo brake with braided stainless-steel brake line

DRY WEIGHT

234 kg / 515 lb

FEATURES

Frame	REV-XP™	Starter	Electric	Mirrors	Optional
Skis	Pilot™ DS 2	Reverse	RER™	Windshield	445 mm / 17.5 in.
Seating	2-up	Heated throttle lever	Standard	Runner	Square 5/16
Handlebar	Aluminum with J-hooks	Heated grips	Standard	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	160 mm / 6.3 in.	Gauge	Analog with display	Hitch	Tongue Type

COLOR

White / Black

DIMENSIONS

Vehicle overall length	3,329 mm / 131.6 in.
Vehicle overall width	1,159 or 1,204 mm / 45.6 or 47.4 in.
Vehicle overall height	1,275 mm / 50.2 in.
Ski stance	975 mm or 1,018 mm / 38.4 or 40.1 in.
Ski overall length	1,040 mm / 41 in.
Track nominal width	406 mm / 16 in.
Track nominal length	3,923 mm / 154 in.
Track profile height	38.1 mm / 1.5 in. Charger

SUSPENSION

Front suspension	Dual A-arms
Front shock	Motion Control
Front suspension max. travel	210 mm / 8.3 in.
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Center shock	Motion Control
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SPORT 550F shown



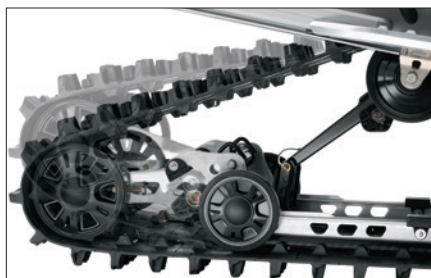
SPORT 550F shown

FEATURE HIGHLIGHTS



2-up seat with passenger handholds

Comfortable 2-up seat with backrest, including handholds.



SC™-5U articulating rear suspension

Features settings that maximize deep snow traction in reverse or lock out for towing.



Pilot™ DS2 Skis

Single keel with excellent sidehilling bite, thanks to thin outer edges. Narrow and thin, yet stiff. Shorter behind the spindle with flat tail for easier counter-steering and sidehilling.



Lightweight aluminum rack

50 pound (23kg) cargo capacity.



Analog gauge with display

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	N / A