2019
EXPEDITION® SE

PACKAGE HIGHLIGHTS

- RAS™ 2 front suspension
- REV-XU™ platform
- SC™-5U articulating rear suspension
- Locking mechanism on one side (no tool required) for articulated suspension
- 20 x 154 x 1.25 in. track
- Air Control Suspension (ACS)
- Console 12V power outlet
- Air radiator with fan
- RF D.E.S.S.™ key
- Synchromesh transmission with reverse (2-1-N-R)
- Adjustable, heated passenger grips
- Skid plate, hitch & 1,500 lb (680 kg) capacity
- WARN winch
- Cargo box (75 L / 20 US gal)
- Heavy duty front bumper

EXTRA HIGHLIGHTS

900 ACE™ & 1200 4-TEC®
- Reversible throttle lever (thumb or finger activated)
- iTC™ Engine mapping modes (Standard, Sport or ECO®)
- Engine oil cooler
- High efficiency air radiator with fan

EXPEDITION® SE 900 ACE™ shown

ROTAX® ENGINE

	600 H.O. E-TEC®	900 ACE™	1200 4-TEC®
Engine details	Liquid-cooled, 3-D R.A.V.E.™	Liquid-cooled, four-stroke D.O.H.C., dry sump	Liquid-cooled, four-stroke D.O.H.C., dry sump
Cylinders	2	3	3
Displacement	594.4 cc / 36.3 in.³	899 cc / 54.9 in.³	1,170.7 cc / 71.4 in.³
Bore	72 mm / 2.8 in.	74 mm / 2.9 in.	91 mm / 3.6 in.
Stroke	73 mm / 2.9 in.	69.7 mm / 2.7 in.	60 mm / 2.4 in.
Maximum engine speed	8,100 RPM	7,250 RPM	7,800 RPM
Carburation	E-TEC® direct injection	EFI	EFI
Recommended fuel type	Premium unleaded	Regular unleaded	Regular unleaded
Minimum octane	91	87	87
Fuel tank	45 L / 12 US gal	45 L / 12 US gal	45 L / 12 US gal
Oil tank capacity	2.8 L / 3 qt	3.3 L / 3.5 qt	3.5 L / 3.7 qt

POWERTRAIN

Drive clutch type	TRA™ III	eDrive™ 2	eDrive™ 2
Driven clutch type	QRS	QRS (short shaft)	QRS
Engagement	3,000 RPM	2,100 RPM	2,200 RPM
Small sprocket number of teeth	1st gear = 3.23:1 ratio	1st gear = 3.23:1 ratio	1st gear = 3.23:1 ratio
Large sprocket number of teeth	2nd gear = 1.98:1 ratio	2nd gear = 1.98:1 ratio	2nd gear = 1.98:1 ratio
Drive sprocket number of teeth	8	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.	183 mm / 7.2 in.
Brake system	Hydrolic with braided stainless-steel brake line	Hydrolic with braided stainless-steel brake line	Hydrolic with braided stainless-steel brake line

DRY WEIGHT

	600 H.O. E-TEC®	900 ACE™	1200 4-TEC®
	298 kg / 657 lb	313 kg / 690 lb	322 kg / 710 lb

COLOR

Viper Red / Black
Green / Black

DIMENSIONS

Vehicle overall length	3,370 mm / 132.7 in.
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,330 mm / 52.4 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
Ski overall length	1,049 mm / 41.3 in.
Track nominal width	500 mm / 20 in.
Track nominal length	3,923 mm / 154 in.
Track profile height	31.8 mm / 1.25 in.

SUSPENSION

Front suspension	RAS™ 2
Front shock	Motion Control
Front suspension max. travel	210 mm / 8.3 in.
Rear suspension	SC™-5U
Center shock	Motion Control
Rear shock	ACS (Air Control Suspension)
Rear suspension max. travel	239 mm / 9.4 in.

FEATURES

Frame	REV-XU™	Starter	Electric	Mirrors	Standard
Skis	Pilot™ DS 2	Reverse	Mechanical	Windshield	580 mm / 23 in.
Seating	2-up modular with underseat storage	Heated throttle lever	Standard	Runner	Square 3/8
Handlebar	Four positions, adjustable tilt steering / Painted steel / J-hooks / Grab handle	Heated grips	Standard (driver and passenger)	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	205 mm / 8.1 in.	Gauge	Multifunction	Hitch	Tongue Type

EXPEDITION® SE 1200 4-TEC® shown

EXPEDITION® SE 900 ACE™ shown

FEATURE HIGHLIGHTS

RAS™ 2 front suspension

A taller ski spindle, refined geometry and lighter components sharpen the sled's already precise handling and stability, especially in extreme conditions.

Air Control Suspension (ACS)

Tailors the ride for load or trail conditions via a rear air spring and an onboard compressor. Five preload settings are selectable on-the-fly via a handlebar rocker switch.

SC™-5U articulating rear suspension

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

2-up seat with adjustable passenger handholds

Comfortable 2-up seat with backrest, including adjustable handholds.

Multifunction gauge with LCD screen

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Standard

ski-doo® BRP