

2019 EXPEDITION® SWT NEW

PACKAGE HIGHLIGHTS

- 24 x 156 x 1.25 in. Super Wide Track
- RAS™ 2 front suspension
- 38.4 or 40.2 in. (975 or 1,020 mm) adjustable ski stance
- Rotax® 900 ACE™ engine with 650W magneto
- Reversible throttle lever (thumb or finger activated)
- iTC™ Engine mapping modes (Standard, Sport or ECO®)
- REV-XU™ platform
- SC™-5U articulating rear suspension
- Locking mechanism on one side (no tool required) for articulated suspension
- Pilot™ DS 2 skis
- RF D.E.S.S.™ key
- Synchromesh transmission with reverse (2-1-N-R)
- Hitch
- Towing capacity up to 510 kg / 1,124 lb
- 2-up seat with passenger handholds
- Grab handle on handlebar
- High efficiency air radiator with fan



EXPEDITION® SWT 900 ACE™ shown

ROTAX® ENGINE

900 ACE™

Engine details	Liquid-cooled, four-stroke D.O.H.C., dry sump
Cylinders	3
Displacement	899 cc / 54.9 in. ³
Bore	74 mm / 2.9 in.
Stroke	69.7 mm / 2.7 in.
Maximum engine speed	7,250 RPM
Carburation	EFI
Recommended fuel type	Regular unleaded
Minimum octane	87
Fuel tank	45 L / 12 US gal
Oil tank capacity	3.3 L / 3.5 qt

POWERTRAIN

Drive clutch type	eDrive™ 2
Driven clutch type	QRS
Engagement	2,100 RPM
Small sprocket number of teeth	1st gear = 3.23:1 ratio
Large sprocket number of teeth	2nd gear = 1.98:1 ratio
Drive sprocket number of teeth	8
Drive sprocket diameter	161 mm / 6.3 in.
Brake system	Hydraulic with braided stainless-steel brake line

DRY WEIGHT

311 kg / 685 lb

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	Painted steel with J-hooks / Grab handle	Heated grips	Standard (driver only)	Carbide configuration	102 mm / 4 in. at 90°
Riser block height	205 mm / 8.1 in.	Gauge	Analog with display	Hitch	Tongue type

COLOR

Viper Red / 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	600 mm / 24 in.
Track nominal length	3,968 mm / 156 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	HPG™
Rear suspension max. travel	239 mm / 9.4 in.



EXPEDITION® SWT 900 ACE™ shown



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FEATURE HIGHLIGHTS



24 in. Super Wide Track (SWT)

The industry's largest footprint provides unmatched traction and helps achieve the lowest ground pressure in snowmobiling.



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.



SC™-5U articulating rear suspension

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



Finger throttle position

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



Synchromesh transmission with reverse (2-1-N-R)

Take off from a stop smoothly, even with a heavy load, thanks to two forward and one reverse gears. Inline 2-1-N-R pattern on right side and can be safely shifted while on the fly.

GAUGE FEATURES

Speedometer	Standard
Tachometer	Standard
Fuel	Standard
Engine temperature	Optional