# 2016 EXPEDITION® SE

## PACKAGE HIGHLIGHTS

- **NEW RAS™ 2 front suspension**
- REV-XU™ platform
- SC™-5U articulated rear suspension
- Locking mechanism on one side (no tool required) for articulated suspension
- 20 x 154 x 1.25-inch track
- Air Control Suspension (ACS)
- Console 12 V power outlets
- Multifunction digital gauge with engine temperature gauge
- Synchromesh transmission with reverse (2-1-N-R)
- Adjustable, heated passenger grips
- Skid plate, hitch and 1500 lb. / 680 kg capacity WARN† winch
- Cargo box (75 liters / 20 gal)
- Modular two-up seat with underseat storage
- Air radiator with fan
- Towing capacity up to 1124 lb / 510 kg
- D.E.S.S.™ key

## EXTRA HIGHLIGHTS

900 ACE™ & 1200 4-TEC®

- **Reversible throttle lever (thumb or finger activated) [NEW for 1200 4-TEC]**
- **iTC™ engine mapping modes (Standard, Sport or ECO™) [NEW for 1200 4-TEC]**
- Learning Key™ included

600 H.O. E-TEC shown

**NEW features for 2016**

| 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 | |
| Cylinders | 2 | 3 | |
| Displacement | 594.4cc / 36.3 in.³ | 899cc / 54.9 in.³ | 1170.7cc / 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 | 8100 RPM | 7250 RPM | 7800 RPM |
| Carburation | Electronic Direct Injection | EFI | |
| Recommended fuel type | Premium unleaded | Regular unleaded | |
| Minimum octane | 91 | 87 | |
| Fuel tank | | 45 liters / 12 gallons | |
| Oil tank capacity | 2.8 liters / 3 quarts | 3.3 liters / 3.5 quarts | 3.5 liters / 3.7 quarts |

| POWERTRAIN | | | |
|---|---|---|---|
| Drive clutch type | TRA™ III | eDrive™ 2 | |
| Driven clutch type | QRS | QRS (short shaft) | QRS |
| Engagement | 3000 RPM | 2200 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 | 183 mm / 7.2 in. | | |
| Brake system | Hydraulic with braided stainless-steel brake line | | |

| DRY WEIGHT | | | |
|---|---|---|---|
| | 298 kg / 657 lb | 313 kg / 690 lb | 322 kg / 710 lb |

## COLOR

Platinum

## DIMENSIONS

| | |
|---|---|
| Vehicle overall length | 3240 mm / 128 in. |
| Vehicle overall width | 1150 or 1192 mm / 45.3 or 46.9 in. |
| Vehicle overall height | 1330 mm / 52.3 in. |
| Ski stance | 975 or 1018 mm / 38.4 or 40.1 in. |
| Ski overall length | 1040 mm / 41 in. |
| Track nominal width | 500 mm / 20 in. |
| Track nominal length | 3923 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 spring) |
| Rear suspension max. travel | 394 mm / 15.5 in. |

## FEATURES

| | |
|---|---|
| Frame | REV-XU |
| Skis | Pilot™ DS 2 |
| Seating | 2-up modular with underseat storage |
| Backrest | Standard (adjustable) |
| Handlebar | Four positions, adjustable tilt steering / Painted steel / J-hooks / Grab handle |

| | |
|---|---|
| Riser block height | 205 mm / 8 in. |
| Reverse | Mechanical |
| Electric start | Standard |
| Heated throttle lever | Standard |
| Heated grips | Standard |
| Gauge | Multifunction |

| | |
|---|---|
| Mirrors | Standard |
| Windshield | 580 mm / 23 in. |
| Runner | Square 5/16 |
| Carbide configuration | 102 mm / 4 in. at 90° |
| Hitch | Tongue type |

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1200 4-TEC shown

# FEATURE HIGHLIGHTS

**NEW RAS 2 front suspension**
A taller ski spindle, refined geometry and lighter components sharpen the sled's already precise handling, especially in extreme conditions.

**Finger throttle position (900 ACE & NEW for 1200 4-TEC)**
Throttle block can be rotated to be used as either a traditional thumb throttle or unique finger throttle.

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

**iTC with ECO mode (900 ACE & NEW for 1200 4-TEC)**
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.

Multifunction gauge with LCD display

## GAUGE FEATURES

| | |
|---|---|
| Speedometer | Standard |
| Tachometer | Standard |
| Fuel | Standard |
| Engine temperature | Standard |