

Dimensions	Carbide Configuration: 102 mm / 4 in. at 90°
Overall Length	3,360 mm / 132.3 in. Ski: 1,058 mm / 41.7 in.
Overall Width	1,080 to 1,110 mm / 42.5 to 43.7 in
Overall Height	1,292 mm / 50.9 in.
Ski Center Distance (in./cm.)	910 or 950 mm / 35.8 or 37.4 in
Track Width	Nominal: 406 mm / 16 in.
Track Length	Nominal: 4,178 mm
Track Height	Profile: 76.2 mm
Height	Riser block height: 120 mm / 4.7 in.
Capacities	
Fuel Capacity	36 L / 9.5 US gal
Oil capacity	3.4 L / 3.6 qt
Weights	
Dry Weight	203 kg / 448 lb
Color	
Colors	Ultimate Lava Red / White
Features	
Features	Bodywork: Narrow design Runner: Square 3/8
Ski Type	Pilot™ DS 3
Seat Type	FORTY7C
Handlebars	Tapered U-shaped aluminum with J-hooks / Low grab handle / Flexible handguards
Reverse	RER™
Throttle	Heated lever/ grips: Standard
Gauges	Compact
Mirrors	Optional
Hitch/Type	Optional
Windshield	Optional

MANUFACTURER INFO

Engine	
Engine	850 E-TEC®
Engine Type	Two-stroke, eRAVE™
Cooling System	Liquid-cooled
Displacement	849 cc / 51.9 in. ³
Cylinder Liners	2
Bore	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.
Rated Engine Speed	7,900 RPM Engagement: 3,600 RPM
Carburetion	E-TEC® direct injection with additional booster injectors
Fuel Type	Premium unleaded Minimum octane: 91
Starter	Manual, SHOT (opt.)
Drivetrain	
Drive/Driven Clutch	pDrive™ with clickers/QRS
Sprocket Chain	Small sprocket number of teeth: 21 Large sprocket number of teeth: 53 Drive sprocket number of teeth: 6 Drive sprocket diameter: 164 mm / 6.5 in.
Chassis	
Frame Type	REV® Gen4
Suspension	
Front Suspension	RAS™ 3
Front Shocks	Kashima coated HPG™ Plus with lightweight springs
Front Travel (in./cm.)	215 mm / 8.5 in.
Rear Suspension	tMotion™ with adjustable limiter strap
Center Shocks	HPG™ Plus with lightweight spring
Rear Shocks	KYB† Pro 36 Easy-Adjust
Rear Travel (in./cm.)	239 mm / 9.4 in.
Brakes	
Brake System Type	Brembo racing brake with stainless-steel braided brake line
Dimensions	

The most powerful 2-stroke engine in the industry. It pumps out 10 more horsepower (165 hp) than its predecessor, but its responsiveness is what really shines. With the new pDrive primary clutch, it's 30% quicker responding than the 800R E-TEC giving you the instant acceleration you demand.

E-TEC SHOT STARTER

- EASIEST STARTING

Push-button starting with almost no added weight. After an initial pull-start, the engine charges an ultracapacitor. Pushing the handlebar SHOT button for subsequent starts uses energy stored in the ultracapacitor to turn the magneto into an electric motor that rotates the flywheel, and with E-TEC technology, starts the engine. Eliminates nearly 20 lb. (9 kg) compared to conventional electric start. SHOT starting is only possible with Ski-Doo-exclusive E-TEC technology.

KASHIMA COATED SHOCKS

- SMOOTH RIDE

Kashima coating delivers silky smooth shock piston movement for consistent cushioning through every bump - big and small. Plus, adds durability for worry-free performance on every ride.

ERGONOMIC

- DEEP-SNOW DESIGN

Purpose-built for a better deep-snow experience with lower seat height, shorter riser, smaller diameter handlebars and low handlebar strap for the ultimate advantage in deep snow.

DYNAMIC HANDLING

- A MORE CONFIDENT RIDE

Revised ski spindle and ski stopper for more predictable handling and a confidence-inspiring ride on steep sidehills and rough terrain.

REV Gen4 PLATFORM

- NEXT GENERATION OF A LEGEND

Key to the Summit's agility is the extreme mass centralization of the 4th generation REV platform. The trademark pyramidal frame, new die-cast aluminum front suspension module and new heat exchanger design ensure it's strong, yet lightweight.

TMOTION LIMITER STRAP ADJUSTER

- DIAL YOUR RIDE

Quickly and easily change limiter strap length for desired ski lift without crawling under the sled.

ULTIMATE COLOR

- EYE-CATCHING BODY ARMOR

Striking glossy finish with high-end protective panel wrap to resist scratches and blemishes keeps your sled looking showroom ready.

COOL AIR FLOW

- KEEPING IT COOL

Side panel venting improves airflow to drive components for cooler operations and optimal performance.

FULL-LENGTH PROFILE RUNNING BOARDS

- CAPABILITY, CONTROL AND COMFORT

Rigid full-length extruded aluminum grid-style design with wide openings for exceptional snow evacuation and superior grip. Flat foot positioning for comfort and control, plus a 1 lb. weight reduction. (X packages only)