

2024

SUMMIT® ADRENALINE®

An excellent deep-snow machine
for any rider.



SUMMIT ADRENALINE
154 850 E-TEC SHOWN



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// WHAT'S NEW

- Rotax® 600R E-TEC® engine available

// PACKAGE HIGHLIGHTS

- Rotax 850 E-TEC engine
- REV® Gen5 platform
- tMotion™ X rear suspension
- LED headlights
- Narrower running boards and bodywork
- High-quality KYB® shock package
- RAS™ 3 front suspension with lightweight ski spindle and revised ski stopper
- E-TEC SHOT™ starter available
- Deep-snow running boards with large openings
- Glove box with 3.5 L of storage
- Low handlebar strap
- Pilot™ DS 3 skis
- Belt-monitoring system

ROTAX ENGINE

	850 E-TEC	600R E-TEC
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE
Horsepower*	165	125
Cylinders – Displacement	2 – 849 cc	2 – 599.4 cc
Bore – Stroke (mm)	82 – 80.4	72.3 – 73
Carburation	E-TEC direct injection with additional booster injectors	E-TEC direct injection
Fuel type – Octane	Premium unleaded – 91	Premium unleaded – 91
Fuel tank (L/US gal)	36/9.5	36/9.5
Oil tank capacity (L/qt)	3.4/3.6	3.4/3.6

POWERTRAIN

	850 E-TEC	600R E-TEC
Drive clutch	pDrive™ with clickers	pDrive™ with clickers
Driven clutch	QRS Vent Plus	QRS Vent
Drive sprocket pitch (mm/in.)	73/2.86 (146 in.) 89/3.5 (154 in.)	73/2.86 (146 in.) 89/3.5 (154 in.)

DRY WEIGHT

	850 E-TEC	600R E-TEC
Dry weight (lb)	447 (146 in.) 443 (154 in.)	432 (146 in.) 428 (154 in.)

DIMENSIONS

Vehicle overall length (mm/in.)	3,208/122.4 (146 in.) 3,318/130.6 (154 in.)
Vehicle overall width (mm/in.)	1,073/42.2 (adjustable)
Vehicle overall height (mm/in.)	1,395/54.9
Ski stance (mm/in.)	930/36 (adjustable)
Available tracks (in.) (Length x width x profile)	PowderMax II with FlexEdge: 146 x 16 x 2.5 PowderMax Light with FlexEdge: 154 x 16 x 2.5

COLOR

Catalyst Grey / Neo Yellow	
Timeless Black (painted)	

SUSPENSION

Front suspension	RAS 3
Front shock	KYB 36
Front suspension travel (mm/in.)	215/8.5
Rear suspension	tMotion X
Center shock	KYB 36
Rear shock	KYB 36
Rear suspension travel (mm/in.)	264/10.4

FEATURES

Platform	REV Gen5
Headlights	High-performance LED
Skis	Pilot DS 3
Seating	Deep-snow
Handlebar	Tapered with J-hooks/Grab handle
Riser block height (mm/in.)	165/6.5
Starter	Electric, SHOT (opt.), Manual (opt. select models)
Reverse	RER™
Brake system	Brembo†
Heated throttle lever/grips	Standard
Gauge type	4.5 in. digital
Windshield	Optional
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Std/Std

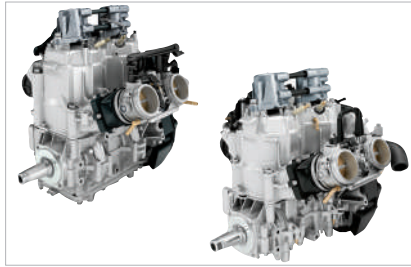
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// FEATURE HIGHLIGHTS



1 REV Gen5 deep-snow platform

Lighter, narrower and more refined for improved technical riding and a next-level experience that's all about spending unforgettable days in the deep stuff.



2 Rotax 850 E-TEC and 600R E-TEC engines

Incredible power and unmatched dynamic response with exclusive E-TEC direct-injection technology. Plasma-coated, mono-block cylinders are used for exceptional durability, while the precision of E-TEC injection means you get excellent fuel and oil economy.



3 Lightweight ski spindle

Lightweight alloy spindle with revised geometry and new ski stopper to reduce ski drag for more predictable handling and a confidence-inspiring ride in technical sidehills and rough terrain.



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4 High-quality KYB shock package

Extremely capable high-pressure gas shocks by KYB¹.



5 tMotion X rear suspension

With 90% new parts, this complete redesign increases capacity and reduces weight by 2.5 lb.



6 E-TEC SHOT starter

Push-button start with almost no added weight. Uses energy stored in the lightweight ultracapacitor to turn the magneto and with E-TEC technology, start the engine.

ski-doo



*Observed HP measured on internal dyno test in optimal conditions. ©2023 Bombardier Recreational Products Inc., [BRP]. All rights reserved. ®, TM and the BRP logo are trademarks of BRP or its affiliates. Products are distributed in the USA by BRP US Inc. All other trademarks are the property of their respective owners. Because of our ongoing commitment to product quality and innovation, BRP reserves the right at anytime to discontinue or change specifications, price, design, features, models or equipment without incurring any obligation. Printed in Canada.