

# 2021 RENEGADE® X®

## // WHAT'S NEW

- rMotion™ X rear suspension with two adjustable transfer settings
- RAS™ X front suspension with wider and adjustable ski stance
- Skis choices: Pilot™ X and Pilot™ TX (with QAS)
- Large panoramic 7.8-in. wide LCD color display available

## // PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC®, 600R E-TEC® and 900 ACE™ Turbo engines
- REV™ Gen4 platform with narrow-design (E-TEC® engines) or wide-design (900 ACE™ Turbo) bodywork
- pDrive™ clutch
- Forward Adjustable Riser
- 15 x 137 in. track choice: 1.25 in. RipSaw® or Ice Ripper XT or 1.5 in. Ice Ripper XT
- KYB® Pro 36 aluminum piggyback rear shock with Easy-Adjust compression adjusters [22 clicks]
- HPG™ Plus aluminum front and center shocks
- Brembo racing brake with braided stainless-steel brake line
- Backlit multifunction steering controls
- Transparent handguards
- Gauge choices: 7.2-in. wide digital display or Large panoramic 7.8-in. wide LCD color display
- Optional Adjustment package including rMotion™ X Quick Adjust™ system and Pilot™ TX skis

## // EXTRA HIGHLIGHTS

### 900 ACE™ TURBO

- iTC™ Engine mapping modes (Standard, Sport or ECO¹)
- Reversible throttle lever (thumb or finger activated)
- Engine oil cooler

ROTAX® ENGINE	850 E-TEC®	600R E-TEC®	900 ACE™ Turbo
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, four-stroke D.O.H.C., dry sump, turbocharged
Cylinders	2	2	3
Displacement	849 cc / 51.9 in. <sup>3</sup>	599.4 cc / 36.6 in. <sup>3</sup>	899 cc / 54.9 in. <sup>3</sup>
Bore	82 mm / 3.2 in.	72.3 mm / 2.85 in.	74 mm / 2.9 in.
Stroke	80.4 mm / 3.2 in.	73 mm / 2.87 in.	69.7 mm / 2.7 in.
Maximum engine speed	7,900 RPM	8,100 RPM	7,750 RPM
Carburation	E-TEC direct injection with additional booster injectors	E-TEC® direct injection	EFI
Recommended fuel type	Premium unleaded	Premium unleaded	Premium unleaded
Minimum octane	91	91	91
Fuel tank	36 L / 9.5 US gal	36 L / 9.5 US gal	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt	3.4 L / 3.6 qt	3.3 L / 3.5 qt
<b>DRY WEIGHT</b>	218 kg / 481 lb	211 kg / 468 lb	235 kg / 519 lb

## POWERTRAIN

	pDrive™ with clickers	pDrive™	pDrive™
Drive clutch type	pDrive™ with clickers	pDrive™	pDrive™
Driven clutch type	QRS	QRS	QRS
Engagement	2,900 RPM	3,400 RPM	2,200 RPM
Small sprocket number of teeth	25	23 [RipSaw®, Ice Ripper XT 1.25 in.] 21 [Ice Ripper XT 1.5 in.]	25
Large sprocket number of teeth	45	45	45
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.
Drive sprocket pitch	73 mm / 2.86 in.	73 mm / 2.86 in.	73 mm / 2.86 in.
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

## SUSPENSION

Front suspension	RAS™ X
Front shock	HPG™ Plus
Front suspension travel	243 mm / 9.6 in.
Rear suspension	rMotion™ X with QAS (optional)
Center shock	HPG™ Plus
Rear Shock	KYB® Pro 36 Easy-Adjust
Rear suspension travel	292 mm / 11.5 in.



RENEGADE® X® 850 E-TEC® SHOWN



RENEGADE® X® 900 ACE™ TURBO SHOWN

## COLOR

Sunburst Yellow / Black

Black

## DIMENSIONS

Vehicle overall length	3,038 mm / 119.6 in.
Vehicle overall width	1,209 - 1,232 - 1,255 mm / 47.6 - 48.5 - 49.4 in.
Vehicle overall height	1,267 mm / 49.9 in.
Ski stance	1,069 - 1,092 - 1,115 mm / 42.1 - 43 - 43.9 in.
Track (Length x Width x Profile)	RipSaw®: 137 x 15 x 1.25 in. [3,487 x 381 x 32 mm] Ice Ripper XT: 137 x 15 x 1.25 in. [3,487 x 381 x 32 mm] opt. 137 x 15 x 1.5 in. [3,487 x 381 x 38 mm] opt.

## FEATURES

Frame	REV® Gen4
Bodywork	Narrow design (E-TEC® engines) Wide design (900 ACE™ Turbo)
Skis	Pilot™ X, Pilot™ TX (optional)
Seating	Trail performance (E-TEC® engines) Trail with storage [900 ACE™ Turbo]
Handlebar	U-shaped aluminum with J-hooks / Transparent handguards
Riser block height	Adjustable-120 mm / 4.7 in.
Starter	Electric
Reverse	RER™ [E-TEC® engines] Mechanical [900 ACE™ Turbo]
Heated throttle lever / grips	Standard
Gauge type	7.2-in. wide digital display 7.8-in. wide LCD color display [opt.]
Windshield	360 mm / 14 in.
Runner	Round 7/16
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std



RENEGADE® X® 600R E-TEC® SHOWN



RENEGADE® X® 900 ACE™ TURBO SHOWN

## // FEATURE HIGHLIGHTS



### RAS™ X front suspension

Flatter cornering and precision handling in all conditions. Developed in tandem with the rMotion X rear suspension to raise the bar in trail snowmobile chassis performance. Wider, adjustable ski stance and +10mm of suspension stroke maximize stability, capability and comfort.



### Rotax® 900 ACE™ Turbo engine

With a Rotax-built turbocharger specifically designed for the 900 ACE engine, riders get the technology they love with the reliable, powerful performance they demand in one advanced engine package.



### rMotion™ X rear suspension

Built upon the same principles rMotion suspensions are renowned for, and then some. Completely redesigned for unmatched big bump absorption and incredible comfort. Longer front arm with exclusive adjustable angle design ideally mates with RAS X front suspension creating superior cornering on-trail.



### Pilot™ X and TX skis

Completely redesigned ski to match flawlessly with the most ride-compliant suspensions in the industry. Offering more positive ski traction and reduced darting for confident performance.



### Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection two-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



### Large panoramic 7.8 in. Wide LCD Color Display available

Wide screen full-color display lets riders truly customize their ride from behind the bars. Choose your preferred sled info, and see app integrated information in a split-screen format with GPS, Bluetooth music, helmet-to-helmet communication and more.

**ski-doo**