

2021 MXZ X-RS®

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// WHAT'S NEW

- rMotion™ X rear suspension with two adjustable transfer settings
- RAS™ X front suspension with wider and adjustable ski stance
- Skis choices (850 E-TEC® only): Pilot™ X and Pilot™ TX (with QAS)
- Large panoramic 7.8-in. wide LCD color display available (850 E-TEC® only)

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 600R E-TEC® engines
- pDrive™ clutch
- REV® Gen4 platform with narrow-design bodywork
- Forward Adjustable Riser
- KYB® Pro 36 front shocks and KYB® Pro 40 rear shocks aluminum piggyback with Easy-Adjust compression adjuster (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- Transparent handguards
- Backlit multifunction steering controls
- Gauge choices: 7.2-in. wide digital display or Large panoramic 7.8-in. wide LCD color display (opt. 850 E-TEC® only)
- Optional Adjustment package including rMotion™ X Quick Adjust™ system and Pilot™ TX skis or rMotion™ X Quick Adjust™ system only (850 E-TEC® only)
- RS running boards
- Forward steering post position
- Rack steering system
- 15 x 129 in. track choice: 1.25 in. RipSaw® or Ice Ripper XT or 1.5 in. Ice Ripper XT



MXZ® X-RS® 850 E-TEC® SHOWN



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ROTAX® ENGINE	850 E-TEC®	600R E-TEC®
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2	2
Displacement	849 cc / 51.9 in. ³	599.4 cc / 36.6 in. ³
Bore	82 mm / 3.2 in.	72.3 mm / 2.85 in.
Stroke	80.4 mm / 3.2 in.	73 mm / 2.87 in.
Maximum engine speed	7,900 RPM	8,100 RPM
Carburation	E-TEC® direct injection with additional booster injectors	E-TEC® direct injection
Recommended fuel type	Premium unleaded	Premium unleaded
Minimum octane	91	91
Fuel tank	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
DRY WEIGHT	222 kg / 490 lb	216 kg / 476 lb

POWERTRAIN

Drive clutch type	pDrive™ with clickers	pDrive™
Driven clutch type	QRS	QRS
Engagement	3,200 RPM	3,400 RPM
Small sprocket number of teeth	25	23 (RipSaw®, Ice Ripper XT 1.25 in.) 21 (Ice Ripper XT 1.5 in.)
Large sprocket number of teeth	45	45 (RipSaw®, Ice Ripper XT 1.25 in.) 43 (Ice Ripper XT 1.5 in.)
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Drive sprocket pitch	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

SUSPENSION

Front suspension	RAS™ X
Front shock	KYB® Pro 36 Easy-Adjust
Front suspension travel	265 mm / 10.4 in.
Rear suspension	rMotion™ X with QAS (optional)
Center shock	KYB® Pro 40 Easy-Adjust
Rear Shock	KYB® Pro 40 Easy-Adjust
Rear suspension travel	292 mm / 11.5 in.

COLOR

Liquid Titanium / Lava Red

Black

DIMENSIONS

Vehicle overall length	2,925 mm / 115.2 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®: 129 x 15 x 1.25 in. (3,269 x 381 x 32 mm) Ice Ripper XT: 129 x 15 x 1.25 in. (3,269 x 381 x 32 mm) opt. 129 x 15 x 1.5 in. (3,269 x 381 x 38 mm) opt.

FEATURES

Frame	REV® Gen4
Bodywork	Narrow design
Skis	Pilot™ X Pilot™ TX (optional)
Seating	Trail performance
Handlebar	U-shaped aluminum with J-hooks / Transparent handguards
Riser block height	Adjustable-120 mm / 4.7 in.
Starter	Electric
Reverse	RER™
Heated throttle lever / grips	Standard
Gauge type	7.2-in. wide digital display 7.8-in. wide LCD color display (opt.)
Windshield	Optional
Runner	Round 1/2
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std

// 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.



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.



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.



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.



RS running boards

Designed for aggressive stand-up riding, they are flatter for most of their length, wider and strong. Thicker aluminum sheet, plus front and rear reinforcements to withstand tough landings.

