

2021 MXZ X-RS®

// WHAT'S NEW

- rMotion™ X rear suspension with two adjustable transfer settings
- RAS™ X front suspension with wider ski stance

// 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
- 7.2-in. wide digital display
- RS running boards
- Forward steering post position
- Rack steering system
- 15 x 129 x 1.5 in. Ice Ripper XT



MXZ® X-RS® 850 E-TEC® SHOWN

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	599.4 cc
Bore	82 mm	72.3 mm
Stroke	80.4 mm	73 mm
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	Unleaded 95	Unleaded 95
Fuel tank	36 L	36 L
Oil tank capacity	3.4 L	3.4 L

POWERTRAIN

	pDrive™ with clickers	pDrive™ HE with clickers
Drive clutch type	pDrive™ with clickers	pDrive™ HE with clickers
Driven clutch type	QRS	QRS
Engagement	3,200 RPM	3,400 RPM
Small sprocket number of teeth	25	25
Large sprocket number of teeth	45	51
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm	183 mm
Drive sprocket pitch	73 mm	73 mm
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
Rear suspension	rMotion™ X
Center shock	KYB® Pro 40 Easy-Adjust
Rear Shock	KYB® Pro 40 Easy-Adjust
Rear suspension travel	292 mm

COLOR

Liquid Titanium / Lava Red

DIMENSIONS

Vehicle overall length	2,925 mm
Vehicle overall width	1,209 - 1,232 - 1,255 mm
Vehicle overall height	1,267 mm / 49.9 in.
Ski stance	1,069 - 1,092 - 1,115 mm
Track (Length x Width x Profile)	Ice Ripper XT 129 x 15 x 1.5 in. (3,269 x 381 x 38 mm)

FEATURES

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

ski-doo





MXZ® X-RS® 850 E-TEC® 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.



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™ DS 2 skis

Deliver outstanding grip and bite in corners with virtually no darting.



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.