



Way of Life!

2012

RM-Z450

2012

RM-Z450



MSRP: \$8,399

The 2012 RM-Z450 is an open-class motocross machine that's ready to dominate the toughest of tracks. As a racer, you need quick, laser-accurate steering and confidence inspiring high-speed handling all in one package. And you want a high performance machine with a racing pedigree that makes it competitive right out of the crate. With a high-compression 449cc 4-stroke, liquid-cooled powerplant with Suzuki fuel injection, a lightweight, compact twin-spar aluminum frame and highly-adjustable front and rear Showa suspension, the 2012 RM-Z450 is a potent, track-ready motocross machine.

Suzuki has also focused on making tuning and maintenance easier on the RM-Z450. Two optional couplers are included with the bike that change the EFI settings (richer and leaner) for easy tuning and adjusting to various riding and track conditions. A convenient fuel pump cap and fuel hose plug are also included with the bike for use during maintenance to prevent dust and debris from entering the fuel system.

The RM-Z450 has been taking champions across the finish line ahead of the pack for years, fiercely competing across the globe from the World MX1 series to America's prestigious AMA Supercross and outdoor motocross championships. It's no secret that Champions Choose Suzuki!

For 2012, the RM-Z450 features updated styling with a new red/black two-tone seat and revised graphics package.



RM-Z450

TOP 10 FEATURES



The RM-Z450 features a powerful 449cc four-stroke, liquid-cooled, DOHC, four-valve engine loaded with state-of-the-art technology like Suzuki fuel injection and Suzuki Composite Electrochemical Material (SCEM) coated cylinder that make it the top performing motocross bike in its class.



The lightweight, battery-less, motocross-use electronic Suzuki fuel injection system uses progressive throttle linkage for efficient power delivery. A 12-hole fuel injector delivers a fine fuel/air mist for efficient operation. Suzuki's class-leading fuel injection system uses technology developed from Suzuki's championship-winning GSX-R and Hayabusa streetbikes.



The RM-Z450's aluminum cylinder is treated with Suzuki Composite Electrochemical Material (SCEM) coating, and was designed for durability, light weight and efficient heat transfer. This high-performance technology is exclusive to the Suzuki, and offers unrivaled performance with unmatched reliability.



A 5-speed transmission provides extra flexibility, offering gear ratios suited for various terrains and conditions. The RM-Z450 has a link-type shifting system, which offers smooth transitions through the gears. A hot start lever is located on the right-hand side of the handlebar for easy operation while holding the clutch.



For easier tuning, the RM-Z450 includes two couplers with the unit to change the EFI settings for easy adjustment to suit various riding or track conditions. In the ECM, there are three different maps provided, a standard map and two modified maps (injection map for slightly leaner mixture and that for slightly richer mixture) which can be accessed by simply connecting the appropriate coupler to the wiring harness.



Class-leading 47mm Showa inverted forks provide optimal wheel travel and are compression-and rebound-damping adjustable for a smooth, responsive ride over tough terrain and challenging racetracks.



A Showa piggyback-reservoir rear shock provides high/low-speed compression damping adjustment and rebound damping and spring preload adjustments. The rear shock, working through Suzuki's superlative rising-rate linkage system, provides 12.2-inches of wheel travel, delivering maximum traction and a responsive handling on the track.



The RM-Z450's twin-spar aluminum frame and swingarm was developed and refined for a highly optimized balance between rigidity and superb high-speed traction. The lightweight swingarm helps enhance terrain-traversing performance over bumps. The RM-Z450's slim chassis design makes for a comfortable riding position, opening up the cockpit to allow the rider to actively take control of the machine.



Race-inspired disc rotors offer enhanced cooling performance and efficient mud slinging, working in conjunction with a lightweight (twin-piston) caliper result in exceptional braking performance and consistent feel at the lever.



The RM-Z450 comes with a gripper seat, with projected cross-shaped patterns on the top surface to provide additional grip and rider comfort, allowing better rider positioning than the competition.

SUZUKI EDGE

MODEL NAME:	2012 Suzuki RM-Z450	SUZUKI EDGE	2012 Honda CRF450R	2012 Yamaha YZ450F	2012 Kawasaki KX 450F	2012 KTM 350 SX-F	2012 KTM 450 SX-F
MSRP:	\$8,399	The RM-Z450 represents an incredible value offering more class-leading performance features like Suzuki fuel injection, Showa front suspension and a Suzuki Composite Electrochemical Material (SCEM) plated cylinder at an incredible \$100 less than the KTM 350 SX-F and \$400 less than the KTM 450 SX-F.	\$8,440	\$8,350	\$8,399	\$8,499	\$8,799
ENGINE							
Bore Stroke:	96.0mm x 62.1mm	The RM-Z450 features the optimal bore and stroke dimensions for ultimate performance. The cylinder is treated with Suzuki's own race-proven coating for durability, light weight and efficient heat transfer.	96.0mm x 62.1mm	97mm x 60.8mm	96.0mm x 62.1 mm	88.0 mm x 57.5 mm	97 mm x 60.8 mm
Compression Ratio:	12.5:1	The RM-Z450 features a competitive compression ratio that is optimal for ultimate performance and reliability. The RM-Z450's compression ratio is .5 higher than the Honda CRF450R for outstanding torque and performance.	12.0:1	12.5:1	12.5:1	13.5:1	12.5:1
Engine:	449cc, 4-stroke, liquid-cooled, DOHC, four-valve	The RM-Z450's compact, lightweight 449cc 4-stroke, liquid-cooled powerplant features a lightweight aluminum cylinder treated with Suzuki Composite Electrochemical Material (SCEM) coating that provides efficient heat transfer through the cylinder, improving durability and reliability.	449cc, liquid-cooled, 4-stroke	449cc, liquid-cooled, 4-stroke	449cc, four-stroke	349.7cc, 4-stroke	449.3cc, 4-stroke
Fuel System:	Fuel Injection	The RM-Z450's class-leading Suzuki Fuel Injection EFI system was designed using technology derived from Suzuki's championship-winning racing DNA on GSX-R sportbikes and was the first production motocross bike with fuel injection! The lightweight, battery-less, motocross-use electronic fuel injection system with progressive throttle linkage makes for efficient power delivery featuring a 16-bit computer for excellent power delivery and better performance than the competition.	EFI	EFI	EFI	EFI	EFI
Lubrication:	Suzuki Advanced Sump System (SASS)	The RM-Z450's compact, lightweight Suzuki Advanced Sump System (SASS) reduces engine heat and lowers the crankshaft position and center of gravity for superior reliability and better weight distribution, resulting in better handling than the competition.	N/A	N/A	N/A	Pressure lubrication with 2 oil pumps	Pressure lubrication with 3 oil pumps
Transmission:	5-speed constant mesh	The RM-Z450 features a versatile 5-speed transmission with optimal gear ratios suited for various terrains and conditions, with impressive acceleration in 1st gear, to make it first off the line and through the holeshot!	5-speed	5-speed	5-speed	5-speed	5-speed
Final Drive:	Chain DID520MXV4, 114 links	The RM-Z450 boasts a high-quality D.I.D. brand 114-link chain drive to deliver power from the RM-Z450's robust 449cc 4-stroke, Suzuki fuel-injected powerplant for excellent performance and reliability.	Chain	Chain	Chain	Chain	Chain
CHASSIS							
Brakes Front:	Hydraulic disc brake, single 240mm race-inspired disc with lightweight Nissin caliper.	The RM-Z450 features a class-leading race-inspired hydraulic front disc brake with high-quality Nissin caliper and high-performance 240mm rotor that offers enhanced cooling performance and efficient mudslinging for exceptional performance on the racetrack.	Disc	Disc	Disc	Disc	Disc
Brakes Rear:	Hydraulic disc brake, single 240mm race-inspired, disc with lightweight Nissin caliper.	The RM-Z450 features a class-leading, race-inspired rear disc brake with lightweight Nissin caliper and 240mm race-inspired disc that provides effective, reliable stopping power and race-winning performance.	Disc	Disc	Disc	Disc	Disc

SUZUKI EDGE

MODEL NAME:	2012 Suzuki RM-Z450	SUZUKI EDGE	2012 Honda CRF450R	2012 Yamaha YZ450F	2012 Kawasaki KX 450F	2012 KTM 350 SX-F	2012 KTM 450 SX-F
Weight:	249 lbs.	The RM-Z450 is the complete lightweight motocross package boasting more high-quality race-developed performance features, including Suzuki fuel injection and Showa front suspension at an impressively light weight.	234.8 lbs.	245 lbs.	249.1 lbs.	234 lbs. without fuel	239 lbs. without fuel
Fuel Tank Capacity:	1.6 gal.	The RM-Z450 boasts a large aluminum fuel tank that offers more fuel capacity than the Honda CRF450R, and along with the RM-Z450's highly efficient Suzuki fuel injected 449cc powerplant, means you can ride longer than the competition before filling up the tank.	1.5 gal.	1.6 gal.	1.64 gal.	1.98 gal	1.91 gal.
Ground Clearance	12.8 in.	The lightweight RM-Z450 features a competitive ground clearance that is ideal for a motocross bike its size, and with the RM-Z450's class-leading Showa suspension components, provides a complete motocross package that boasts better overall handling than the competition.	13.1 in.	15.2 in.	13.0 in.	14.7 in.	14.6 in.
Overall Length:	86.2 in.	The RM-Z450 has an optimal 86.2-inch overall length designed for top performance, superior handling and an overall more competitive balanced package than the competition.	N/A	86.4 in.	85.8 in.	N/A	N/A
Overall Width:	32.7 in.	The 32.7-inch overall width of the RM-Z450 is carefully designed to allow a competitive balanced package that is maneuverable, yet offers excellent stability and a comfortable riding position.	N/A	32.5 in.	32.3 in.	N/A	N/A
Wheelbase:	58.9 in.	The 32.7-inch overall width of the RM-Z450 is carefully designed to allow a competitive balanced package that is maneuverable, yet offers excellent stability and a comfortable riding position.	58.7 in.	58.7 in.	58.3 in.	58.9 in.	58.9 in.
Seat Height:	37.6 in.	The RM-Z450 has a competitively low seat height that is over 1.5-inches lower than the Yamaha YZ450F, KTM350 SX-F and KTM450 SX-F, which, along with the RM-Z450's gripper seat, allow a slim, comfortable riding position to take control of the machine.	37.6 in.	39.4 in.	37.6 in.	39.06 in.	39.06 in.
Suspension Front:	SHOWA 47mm telescopic fork; pneumatic/coil spring, oil damped, 12.2-inches wheel travel	The RM-Z450 features class-leading 47mm Showa inverted front forks that provide optimal wheel travel and are preload and compression/rebound-damping adjustable for confident stability and impressive handling over even the toughest tracks out there. The RM-Z450 boasts nearly half an inch more wheel travel than the KTM 350 SX-F and KTM 450 SX-F.	Inverted fork; 12.2-in. travel	Inverted fork; 12.2-in. travel	Inverted fork; 12.4-in. travel	Inverted fork; 11.81-in. travel	Inverted fork; 11.81-in. travel
Suspension Rear:	Swingarm, link type, SHOWA piggyback-reservoir shock, 12.2-inches wheel travel	The RM-Z450 features a class-leading Showa piggyback-reservoir rear shock with high/ low-speed compression damping adjustment and rebound damping with spring preload adjustments. This high-performance shock, working through Suzuki's class-leading rising-rate linkage system, provides 12.2-inches of wheel travel, delivering maximum traction.	Single shock; 12.5-in. travel	Single shock; 12.4-in. travel	Single shock; 12.4-in. travel	Single shock; 12.4-in. travel	Single shock; 12.4-in. travel
Color:	Solid Black/ Champion Yellow	The RM-Z450 is offered in the iconic Suzuki Champion Yellow color, with a new red/black two-tone seat design and updated graphics package.	Red	White/Red, Blue/White	Lime Green	Orange	Orange
Tires Front:	80/100-21 Bridgestone M403	The RM-Z450 comes standard with a tough Bridgestone M403 80/100-21 front tire that provides excellent traction and hook up over tough terrain and tracks.	80/100-21	80/100-21	80/100-21	80/100-21	80/100-21
Tires Rear:	110/90-19 Bridgestone M404	The RM-Z450 comes standard with a tough Bridgestone M404 110/90-19 rear tire that provides excellent traction and hook up over tough terrain and tracks.	120/80-19	120/80-19	120/80-19	110/90-19	110/90-19