



2013

RM-Z450

RM-Z450



MSRP: \$8,699

The Best just got Better! The 2011 and 2012 RM-Z450 both took home Cycle World's "Best Motocrosser" in its annual "Ten Best Bikes" awards! The 2013 RM-Z450 continue the tradition of being the best and puts championship-winner performance in your control to reach the top of the podium!

For 2013, the RM-Z450 is redesigned to give you an even greater edge. With a thoroughly refined engine, it develops exceptional power from idle to redline and incredibly crisp throttle response. It also features the innovative new Separate Function front Fork (SFF) from Showa. The new front suspension now with adjustable spring preload works with an updated twin-spar aluminum frame engineered for an optimum balance between rigidity and high-speed traction, providing you with incredibly precise handling and smooth performance on the toughest tracks.

Suzuki engineers 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.

New for 2013: The RM-Z450 features updated engine performance, revised transmission, 48mm Showa Separate Function front Fork (SFF type-2), the newest version co-developed with Showa.

RM-Z450

TOP 10 FEATURES



The RM-Z40 is powered by a compact and lightweight 449cc, liquid-cooled, DOHC, four-valve, semi-dry-sump, four-stroke engine. Its advanced, battery-less Suzuki fuel-injection (FI) system, features a 44mm throttle body with progressive throttle linkage and a 16-bit computer. For 2013 the intake camshaft has been redesigned resulting a broader low- & mid-range power and torque.



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. The piston is 13% lighter than 2012, piston pin is DLC (Diamond Like Carbon surface treatment) coated for less friction and more durability, and new lighter connecting rod. These contribute to faster throttle response and stronger low-mid range power.



A 5-speed transmission provides extra flexibility, offering gear ratios suited for various terrains and conditions. For 2013 the redesigned transmission (change the shape of 2nd, 3rd, 4th and 5th gears) works with new shift cam. This enables more precise and smooth shift operation. The RM-Z450 has a link-type shifting system, which offers smooth transitions through all the gears.



Newly equipped Showa Separate Function front Fork (SFF type-2), the newest version co-developed with Showa. New fork system contributes to reduce friction, increase absorption, and weight reduction. For 2013, the fork diameter has been increased to 48mm and spring pre-load is now adjustable offering more adjustment and ability to fit a wider range of riders.



The RM-Z450 features a twin-spar aluminum frame and aluminum swing arm developed and refined for a highly optimized balance between rigidity and superb high-speed traction. For 2013, revisions to the structure of frame head, tank rail, down tube and bridge tube have resulted in more controllable handling with optimized chassis balance.



The RM-Z450's lightweight aluminum exhaust muffler meets stricter AMA noise limit (94db) while keeping smooth engine output for class-leading performance and power. Change the shape of air cleaner outlet tube, and air cleaner box back panel is now made of carbon-fiber mixed material. The results are increased low-to-mid range power and torque



Race-inspired wave brake 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 is equipped with Excel aluminum rims as standard equipment.



High-quality Renthal Aluminum Fatbar is standard equipment, featuring a tapered design, are fixed to the rubber mounted triple clamp for comfortable rider positioning. A gripper seat, with projected cross-shaped patterns on the top surface, provide additional grip and rider comfort, allowing better rider positioning than the competition.



New graphics and colors give the RM-Z450 an aggressive updated style.



SUZUKI EDGE

MODEL NAME:	2013 Suzuki RM-Z450	SUZUKI EDGE	2013 Honda CRF450R	2013 Yamaha YZ450F	2013 Kawasaki KX450F	2013 KTM 350 SX-F	2013 KTM 450 SX-F	
MSRP:	\$8,699	The RM-Z450 represents an incredible value offering more class-leading performance features like Suzuki fuel injection, Showa SFF front suspension and a Suzuki Composite Electrochemical Material (SCEM) plated cylinder at a competitively-low MSRP which is \$300 lower than the KTM 450 SX-F.	\$8,440	\$8,490	\$8,699	\$8,699	\$8,999	
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 Composite Electrochemical Material (SCEM), Suzuki's own race-proven coating that provides better durability, light weight and help transfer heat to keep the RM-Z250 at optimum temperature.	96.0mm x 62.1mm	97.0mm x 60.8mm	96.0mm x 62.1mm	88mm x 57.5mm	95mm x 63.4mm	
Compression Ratio:	12.5:1	The RM-Z450 features a competitive compression ratio that is optimal for ultimate performance and reliability.	12.5:1	12.5:1	12.5:1	13.5:1	12.6:1	
Engine:	449cc liquid-cooled, 4-stroke DOHC	The RM-Z450's compact, lightweight 449cc, DOHC four-stroke engine features a lightweight aluminum cylinder with Suzuki Composite Electrochemical Material (SCEM) coating for durability, light weight and efficient heat transfer. Boasting 100cc more than the KTM 350 SX-F.	449cc liquid-cooled, 4-stroke SOHC	449cc liquid-cooled, 4-stroke DOHC	449cc liquid-cooled, 4-stroke DOHC	349cc liquid-cooled, 4-stroke. DOHC	449cc liquid-cooled, 4-stroke DOHC	
Fuel System:	Suzuki fuel injection featuring a 43mm throttle body with progressive throttle linkage and a high processing 16-bit ECM	The RM-Z450's Suzuki fuel injection is an advanced, battery-less fuel-injection (EFI) system, featuring a 44mm throttle body with progressive throttle linkage and a 16-bit computer for efficient ECM delivery, smooth throttle response and better performance than the competition.	EFI 46mm Throttle body	EFI 44mm Throttle body	EFI 43mm Throttle body	EFI 44mm Throttle body	EFI 44mm Throttle body	
Lubrication:	Suzuki Advanced Sump System (SASS)	The RM-450's compact, lightweight Suzuki Advanced Sump System (SASS) utilizing a separate crankshaft chamber & transmission chamber helping reduces oil drag on the crankshaft and lowers the crankshaft position and center of gravity for superior reliability and better weight distribution.	N/A	N/A	N/A	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	
Transmission:	5-speed constant mesh	The RM-Z450 features a 5-speed transmission that provides increased flexibility, boasting gear ratios suited for various terrains and conditions, with impressive acceleration, especially 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 engine for unrivaled performance and reliability.	Chain	Chain	Chain	Chain	Chain	

CHASSIS

SUZUKI EDGE

MODEL NAME:	2013 Suzuki RM-Z450	SUZUKI EDGE	2013 Honda CRF450R	2013 Yamaha YZ450F	2013 Kawasaki KX450F	2013 KTM SX-F	350	2013 KTM 450 SX-F
Brakes Front:	Hydraulic disc brake, single 250mm race-ready wave disc rotors working together 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 250mm wave disc rotor that offers enhanced cooling performance and efficient mud slinging for unrivaled performance on the racetrack. RM-Z450 has 10mm larger brake disc than what you'll find on the Honda CRF450R.	Disc 240mm	Disc 250mm	Disc 250mm	Disc 260mm		Disc 260mm
Brakes Rear:	Hydraulic disc brake, single 240mm race-ready wave disc rotors working together with lightweight Nissin caliper.	The RM-450 features a class-leading, race-inspired rear disc brake with lightweight Nissin caliper and a 240mm race-inspired disc that provides effective, reliable stopping power and race-winning performance. RM-Z450 rear brake disc is 20mm larger than what you'll find on the KTM 350 SX-F & 450 SX-F.	Disc 240mm	Disc 245mm	Disc 240mm	Disc 220mm		Disc 220mm
Weight:	249 lbs. (113 kg)	The RM-Z450 ultra competitive package boasts high-quality race-developed performance features, including Suzuki fuel injection and Showa SFF front suspension at an impressive power-to-weight ratio that is ready to win.	242 lbs.	245 lbs.	248 lbs.	231 lbs. without fuel		234 lbs. without fuel
Fuel Tank Capacity:	1.6 US gal. (6.2L)	The RM-Z450 boasts an aluminum fuel tank that offers a competitively sized fuel capacity to supply the RM-Z450's highly efficient Suzuki fuel injected 449cc engine.	1.6 US gal.	1.6 US gal.	1.6 US gal	1.9 US gal		1.9 US gal.
Ground Clearance:	12.8 in. (325mm)	The lightweight RM-Z450 features a competitive ground clearance and with the RM-Z450's class-leading Showa suspension package, provides a complete motocross package that provides excellent overall handling and ground clearance to take on the toughest tracks.	13.0 in.	15.2 in.	13.0 in.	14.8 in.		14.76 in.
Overall Length:	86.2 in. (2190mm)	The RM-Z450 has an optimal 85.4-inch overall length designed for top performance and unrivaled handling on the track.	N/A	86.4in.	85.8 in.	N/A		N/A
Overall Width:	32.7 in. (830mm)	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. (1495mm)	At 58.9-inches, the RM-Z450 features a competitive wheelbase for excellent stability, especially over rough tracks and difficult riding conditions.	58.7 in.	58.7 in.	58.3 in.	58.86 in.		58.86 in.
Seat Height:	37.6 in. (955mm)	The RM-Z450 has a competitively low seat height that is nearly 1.8-inches lower than the Yamaha YZ450F and KTM 350SX-F & 450 SX-F, which, along with the RM-Z450's gripper seat, allow a slim, comfortable riding position to take control of the machine.	37.5 in.	39.4 in.	37.6 in.	39 in.		39.0 in.

SUZUKI EDGE

MODEL NAME:	2013 Suzuki RM-Z450	SUZUKI EDGE	2013 Honda CRF450R	2013 Yamaha YZ450F	2013 Kawasaki KX450F	2013 KTM 350 SX-F	2013 KTM 450 SX-F
Suspension Front:	SHOWA SFF 48mm Telescopic forks, Coil spring, oil-damped, Separate Function front Fork (SFF) design with 12.2-in. travel	The RM-Z450 uses a class-leading, 48mm Showa Separate Function Fork (SFF) front fork design with adjustable spring preload, compression/rebound-damping adjustability producing an emphasis on smooth shock absorption and ample bottoming resistance for unrivaled suspension performance. The RM-Z450's class-leading Showa suspension provides 12.2 inches of wheel travel which is almost half an inch more than what is found on the KTM 350 SX-F & 450 SX-F.	Inverted Kayaba PSF fork; 12.2-in. travel	Inverted fork; 12.2-in. travel	Inverted Kayaba PSF 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-in. travel	The RM-Z450 features a class-leading Showa piggyback-reservoir rear shock with high-speed/low-speed compression damping adjustment and rebound damping with spring preload adjustments. This high-performance shock, working through Suzuki's rising-rate linkage system, provides 12.2 inches of wheel travel.	Single shock; 12.5-in. travel	Single shock; 12.4-in. travel	Single shock; 12.4-in. travel	Single shock; 12.48 in. travel	Single shock; 12.48 in. travel
Tires Front:	80/100-21 Bridgestone M403	The RM-Z250 comes standard with a tough Bridgestone 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 19" rear tire that provides excellent traction and hook up.	120/80-19	120/80-19	120/80-19	110/90-19	110/90-19
Color:	Champion Yellow / Solid Black	The RM-Z450 is offered in the iconic Suzuki Champion Yellow color, with a new black rear fender and yellow front number plate and updated graphics package.	Red	White/Red, Blue/White	Green	Orange	Orange