

**SUZUKI**

**RM-Z250**

**2017**

**KYB PSF2 fork for a fast & balanced tuning**

**Factory inspired KYB rear shock with HI/LO compression & HI/LO rebound damping**

**Three-mode Suzuki Holeshoot Assist Control (S-HAC)**

**Refined engine provides easy starts plus a wide and smooth power delivery**



**RM-Z250 COLORS**



Champion Yellow No. 2 / Solid Black

The championship-caliber Suzuki RM-Z250 has been carefully developed to deliver a high level of performance by incorporating a variety of features originally created for Suzuki's factory race bikes. The competition-proven Suzuki Holeshot Assist Control (S-HAC) gives riders the best shot at grabbing the holeshot on a wide variety of track conditions, and the specialized KYB PSF2 Pneumatic Spring fork provides both easy adjustability and outstanding action to give the RM-Z250 more precise handling than ever. The remarkable KYB rear shock and the well-sorted aluminum twin-spar frame ensure the razor-sharp handling Suzuki's are famous for.

## RM-Z250 FEATURES

- New, competition inspired body panel colors, graphics and seat color.
- Front upper and lower fork clamps are anodized black, complementing the gold fork leg finish.
- New, black anodized Excel aluminum rims are made specifically to withstand rugged racing environments, including Supercross, Motocross and off-road conditions.
- 249cc 4-stroke liquid-cooled DOHC 4-valve fuel-injected engine delivers remarkably smooth and controlled idle-to-redline performance
- The RM-Z250's engine has heightened mid-range power and torque while maximum power is maintained. Power delivery is smooth and linear for easy control thanks to the following:
  - Specially designed piston, piston pin & rings improve durability and ring-sealing.
  - Crankshaft and magneto mass are balanced to reduce engine braking losses.
  - EFI throttle valve angle also reduces engine braking losses.
  - Camshafts and intake valves design widens engine performance.
  - Effective decompression system improves starting.
  - Kick drive gear, breather gear & kick idle gear ratios also aid starting.
  - Unlike some competitor's motorcycles, a hot-start lever system is not required.
  - Slippery cam chain tensioner and precise adjuster reduce valve train friction.
  - Crankcase passages are designed for increased lubrication.
  - Clutch cover with oil level window eases maintenance checks.
  - Long head pipe enhances low-to-mid range power.
  - Lightweight muffler meets AMA sound standards.
- The compact aluminum cylinder is finished with Suzuki Composite Electrochemical Material (SCEM) coating for durability, light weight and efficient heat transfer.
- Designed for motocross-use, the lightweight, battery-less, electronic fuel injection system with progressive throttle linkage delivers efficient power. A 12-hole fuel injector sprays a fine fuel/air mist for efficient combustion.
- For quick fuel adjustments to suit riding conditions, two couplers are provided. One is for rich and another for lean fuel settings as compared to the stock setting. Riders can change fuel settings in seconds by simply connecting either coupler to the wire harness.
- Cooling performance is efficient with balanced flow between the left and right radiators, and a high capacity coolant pump.
- Suzuki Holeshot Assist Control (S-HAC) is a selectable launch mode system derived straight from factory race bike. S-HAC helps the rider's takeoff from the starting gate for an early lead. There are three modes riders can choose for the best option per their skill level and starting conditions.
  - **A Mode:** *For hard surfaces or slippery conditions at the starting gate. In this mode, S-HAC alters ignition timing at the moment of launch and the ride over the gate to reduce wheel slip to deliver a smooth take off. It also advances ignition timing during this sequence for stronger acceleration. The ignition will return to normal operation 6 seconds after the start, or when you shift into fourth gear; or when the throttle is closed (whichever happens first).*
  - To select A-Mode, hold down the S-HAC button on the left handlebar for more than 0.7 second, then the indicator light will start to slowly flash. Then release the button, the S-HAC is now set in A-Mode.
  - **B Mode:** *When conditions at the starting gate have better traction, and a more aggressive launch is desired. S-HAC will advance the ignition timing to allow increased throttle response and stronger acceleration off the line. The ignition timing alternation is in a similar sequence as Mode A, but with increased overall timing. The ignition will return to normal operation 6 seconds after the start, or when you shift into fourth gear; or when the throttle is closed (whichever happens first).*
  - To select B-Mode, hold down the S-HAC button on the left handlebar for more than 1.8 seconds, then the indicator light will start to quickly flash. Then release the button, the S-HAC is now set in B-Mode.
  - **Base Mode:** *Standard power launch, no action required on the S-HAC switch.*
- There are three stages to **A Mode** and **B Mode** of the S-HAC system. This helps riders at the moment of launch, when crossing the gate, and through acceleration to the full-speed.
- Well-designed 5-speed transmission enables precise gear shift operation. The gear selection feel and accuracy is the result of a refined shift cam and shift lever. Specialized machining processes ensure the precision of the matching gears.
- Compared to the prior generation RM-Z250, the main frame is reduced in weight 2.5% while chassis rigidity has been optimized for improved cornering performance.
- Advanced design KYB PSF2 Pneumatic Spring front fork uses air chambers in place of steel springs for light weight, easy adjustability, improved damper performance and smooth action from low friction. Riders can adjust both fork legs with one balanced air pressure setting from a hand-pump. Compression damping is adjustable while rebound damping force is both high- and low-speed adjustable.
- Innovative KYB rear shock absorber is connected link style to the swingarm via re-shaped cushion rods and spacers. The nitrogen-charged, piggyback style shock features a new top-mounted integral adjuster system for easy adjustment of the high- and low-speed rebound, and high- and low-speed compression damping force adjusters. Spring preload can be precisely tuned via a threaded collar on the main shock body.
- Light weight front brake caliper has low mass while still providing outstanding stopping force.
- Dunlop MX52 series tires are used featuring CTCs (Carcass Tension Control System) technology for superb rigidity and high level of grip.
- Slim chassis design creates a trim riding position, allowing the rider to actively take control of the machine.
- Aluminum fuel tank provides sound foundation and cooling for the internal EFI fuel pump. Fuel capacity is 6.5L (1.7 US gal.).
- Race-inspired waved disc rotors are mounted to black-anodized EXCEL aluminum rims with stainless steel spokes.
- The standard Renthal Fatbar is stronger and reduces vibration more than conventional aluminum handlebars.

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## RM-Z250 FEATURES CONT.

- Champion Yellow bodywork (including new yellow rear fender) with race team-inspired graphics package.
- New color gripper seat, with projected cross-shaped patterns on its yellow top surface, aids rider control.
- See Suzuki's industry leading Amateur Contingency program at [www.RaceSuzuki.com](http://www.RaceSuzuki.com).
- For more details, please visit [www.suzukicycles.com](http://www.suzukicycles.com).

## RM-Z250 SPECIFICATIONS

<b>Engine</b>	249cc, 4-stroke, liquid-cooled, single cylinder, DOHC
<b>Fuel System</b>	Suzuki fuel injection
<b>Ignition</b>	Electronic ignition (CDI)
<b>Starter</b>	Primary kick
<b>Transmission</b>	5-speed constant mesh
<b>Final Drive</b>	Chain, D.I.D. 520DMA4 114 links
<b>Suspension Front</b>	Inverted telescopic, air spring, oil damped
<b>Suspension Rear</b>	Swingarm, link type, coil spring, oil damped
<b>Brakes Front</b>	Disc brake
<b>Brakes Rear</b>	Disc brake

<b>Tires Front</b>	80/100-21 51M, tube type
<b>Tires Rear</b>	100/90-19 57M, tube type
<b>Overall Length</b>	2170 mm (85.4 in)
<b>Overall Width</b>	830 mm (32.7 in)
<b>Wheelbase</b>	1475 mm (58.1 in)
<b>Ground Clearance</b>	345 mm (13.6 in)
<b>Seat Height</b>	955 mm (37.6 in)
<b>Curb Weight</b>	106.5 kg (235 lbs)
<b>Fuel Tank Capacity</b>	6.5 L (1.7 US gal)