

2019

RM85



CHAMPIONSHIP YELLOW NO. 2

RM85

- // Liquid-cooled, 84.7cc, 2-stroke, single cylinder engine produces smooth power at any rpm
- // Smooth six-speed transmission with precise shifting and clutch action to blast out of any corner
- // Class-leading, light weight, and nimble handling
- // Fully tunable Showa suspension
- // Includes the ability to earn Suzuki contingency and track-side support

2019

RM85



THE 2019 RM85 CONTINUES TO CARRY ON THE POWERFUL TRADITION OF RACING EXCELLENCE IN THE SUZUKI MOTOCROSS FAMILY. THE RELIABLE TWO-STROKE ENGINE PRODUCES SMOOTH POWER AT ANY RPM WITH AN EMPHASIS ON LOW- TO MID-RANGE PERFORMANCE. JUST LIKE ITS LARGER RM-Z COUSINS, THE RM85 DELIVERS CLASS-LEADING HANDLING FOR BOTH EXPERIENCED RACERS AND ROOKIE RIDERS ALIKE. WITH ITS SMOOTH POWER DELIVERY AND LIGHTWEIGHT HANDLING, THE RM85 IS THE PERFECT MOTOCROSS BIKE FOR ANYONE LEARNING TO RACE—AND STRIVING TO WIN!

ENLIST IN THE RM ARMY AND ENJOY SUZUKI AMATEUR RACING SUPPORT!

SUZUKI'S RM ARMY AND AMATEUR RACING SUPPORT IS TOP NOTCH, OFFERING OVER \$3.8 MILLION IN CONTINGENCY, TRACKSIDE SUPPORT, AND THE OPPORTUNITY TO TRAIN WITH RICKY CARMICHAEL AT SUZUKI'S EXCLUSIVE CAMP CARMICHAEL. WANT TO SEE WHY CHAMPIONS CHOOSE SUZUKI? VISIT [HTTP://WWW.RACESUZUKI.COM](http://www.racesuzuki.com) FOR MORE INFORMATION ON SUZUKI'S AMATEUR SUPPORT PROGRAM AND ENLIST IN THE RM ARMY!



RM85 / FEATURES

NEW FEATURES

// New, competition-inspired body panel colors, graphics, and seat color align perfectly with the RM-Z450 and the all-new RM-Z250.

ENGINE FEATURES

// The high-revving 84.7cc, two-stroke, liquid-cooled, reed-valve, single cylinder engine has a bore and stroke of 48.0 mm x 46.8 mm.

// The cylinder features Suzuki Composite Electrochemical Material (SCEM) for durability, low weight, and effective heat transfer for superior class performance.

// The exhaust valves are made of aluminum to best match the expansion rate of the cylinder, improving sealing for better engine performance.

// The exhaust valve governor and actuator help provide good throttle response and overall tractability.

// Precise Keihin PE28 carburetor provides smooth throttle response and is designed for simplified maintenance and tuning.

// Digital CDI mapping helps create strong engine performance at high rpm.

// The large-capacity radiator provides efficient engine cooling at all engine speeds.

TRANSMISSION FEATURES

// The RM85 is equipped with a smooth-shifting, six-speed transmission and a precise rack-and-pinion activated clutch.

// The long clutch lever makes it easy to accurately locate and work the engagement point during starts and when driving off corners.

// This durable transmission features a refined shift mechanism with a strong detent spring and needle bearing on the left side of the shift drum.

// A knurled shift-pedal tip delivers excellent grip and shift feel for precise gear selection.

CHASSIS FEATURES

// A tubular steel frame with aluminum beam swingarm provides class-leading performance on the track, especially in the corners. Designed for rigidity, durability, and straight-line performance, the frame features large diameter tubing in key areas and a large front reinforcement plate.

// The Showa 37mm inverted-style front fork is completely adjustable for rider weight, style, and ability. The fork features a cartridge system with fully adjustable rebound damping and 20-way adjustable compression damping (also included are guards to protect the inner fork tubes). The fork legs have 275 mm (10.8 inches) of travel.

// The Showa large diameter rear shock absorber is valved to produce a plush feel and is resistant to bottoming. The shock provides 277 mm (10.9 inches) of wheel travel and features adjustable compression and rebound damping force adjustment.

// A twin-piston caliper front brake with 220mm (8.7-inch) large-diameter disc and a rear brake with 200mm (7.9-inch) disc to provide excellent braking performance.

// The light, narrow-diameter front and rear brake hoses improve feel and feedback to the rider. The front hose is routed behind the fork leg, eliminating the need for a brake hose cover.

// A rigid rear brake caliper provides reliable braking performance and long pad life, and is easy to maintain. The caliper's plastic guard reduces the possibility of damage and saves weight.

// The forged aluminum alloy rear brake pedal is light and strong, while providing the rider accurate braking feel.

// High-quality footpegs are made of cast chrome-molybdenum steel, instead of stamped steel, which makes them more durable with better grip.

// Champion Yellow bodywork with new graphics design, yellow rear fender, plus black fork protectors and guards provide a professional race look.

// Each side of the new color seat has textured surface for better knee gripping.

// The RM85's wheel sizes meet AMA 85cc class regulations (Front: 70/100-17; Rear: 90/100-14).

// See Suzuki's industry-leading Amateur Contingency Program at www.suzukicycles.com/Racing.

// For more details, please visit www.suzukicycles.com.

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SUZUKICYCLES.COM

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RM85 / SPECS

ENGINE

Engine: 84.7cc, 2-stroke, liquid-cooled, single cylinder
Bore x Stroke: 48.0 mm x 46.8 mm (1.88 in. x 1.84 in.)
Compression Ratio: 9.5/10.9:1
Fuel System: Keihin PE28, single carburetor
Starter: Primary kickstarter

DRIVE TRAIN

Clutch: Wet multi-plate
Transmission: 6-speed constant mesh
Final Drive: Chain, DID 428DS, 118 links

CHASSIS

Suspension, Front: Telescopic, pneumatic/coil spring, oil damped
Suspension, Rear: Link type, coil spring, oil damped, adjustable spring preload
Brake, Front: Disc brake, single rotor
Brake, Rear: Disc brake, single rotor
Tire, Front: 70/100-17 M/C 40M, tube type
Tire, Rear: 90/100-14 M/C 49M, tube type
Fuel Tank Capacity: 5.0 L (1.3 US gal.)

ELECTRICAL

Ignition: Electronic ignition (CDI)
Spark Plug: NGK BR10ES

DIMENSIONS

Overall Length: 1805 mm (71.1 in.)
Overall Width: 735 mm (28.9 in.)
Overall Height: 1100 mm (43.3 in.)
Wheelbase: 1240 mm (48.8 in.)
Ground Clearance: 325 mm (12.8 in.)
Seat Height: 850 mm (33.5 in.)
Curb Weight: 73 kg (161 lb.)



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