

# 2018

## RM85



- 84.7cc, 2-stroke, liquid-cooled, single cylinder produces smooth power at any RPM
- Smooth 6-speed transmission with precise shifting and clutch action to blast out of any corner
- Class-leading lightweight handling
- Fully tunable Showa suspension



RM85 COLOR



Champion Yellow No. 2

# 2018

# RM85



The 2018 RM85 continues to carry on the powerful tradition of racing excellence in the Suzuki motocross family. The reliable 2-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 [RaceSuzuki.com](http://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 all-new RM-Z450.

### ENGINE FEATURES

- The high-revving 84.7cc, 2-stroke, liquid-cooled, reed-valve, single-cylinder engine has a bore and stroke of 48.0 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 6-speed transmission plus 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 driving off of 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 provide 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.
- Showa 37 mm inverted front forks are completely adjustable for rider weight, style, and ability. The forks feature 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 forks have 275 mm (10.8-inches) of travel.
- A Showa large-diameter rear shock absorber is valved to produce a plush feel and resistance 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 220 mm (8.7-inches) large-diameter disc and a rear brake with 200 mm (7.9-inches) 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, 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, new yellow rear fender, plus black fork protectors and guards provide a professional race look.
- Each side of the new color seat has a 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](http://www.SuzukiCycles.com/Racing).
- For more details, please visit [www.suzukicycles.com](http://www.suzukicycles.com).

## RM85 SPECS

<b>Engine:</b>	84.7cc, 2-stroke, liquid-cooled, single cylinder
<b>Bore x Stroke:</b>	48.0 x 46.8 mm (1.88 x 1.84 in.)
<b>Compression Ratio:</b>	9.5/10.9: 1
<b>Fuel System:</b>	Keihin PE28, single carburetor
<b>Starter:</b>	Primary kick starter
<b>Clutch:</b>	Wet multi-plate
<b>Transmission:</b>	6-speed constant mesh
<b>Final Drive:</b>	Chain, DID 428DS, 118 links
<b>Suspension, Front:</b>	Telescopic, pneumatic/coil spring, oil damped
<b>Suspension, Rear:</b>	Link type, coil spring, oil damped, adjustable spring preload
<b>Brake, Front:</b>	Disc brake, single rotor
<b>Brake, Rear:</b>	Disc brake, single rotor

<b>Tire, Front:</b>	70/100-17 M/C 40M, tube type
<b>Tire, Rear:</b>	90/100-14 M/C 49M, tube type
<b>Fuel Tank Capacity:</b>	5.0L (1.3 US gallons)
<b>Ignition:</b>	Electronic ignition (CDI)
<b>Spark Plug:</b>	NGK BR10ES
<b>Overall Length:</b>	1805 mm (71.1 in.)
<b>Overall Width:</b>	735 mm (28.9 in.)
<b>Overall Height:</b>	1100 mm (43.3 in.)
<b>Wheelbase:</b>	1240 mm (48.8 in.)
<b>Ground Clearance:</b>	325 mm (12.8 in.)
<b>Seat Height:</b>	850 mm (33.5 in.)
<b>Curb Weight:</b>	73 kg (161 lbs.)

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