

SUZUKI

RM 85

2017

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 COLORS



Champion Yellow No. 2 / Solid Black

The 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 2017 RM85 is the perfect motocross bike for anyone learning to race—and striving to win!

RM85 FEATURES

- New, competition inspired body panel colors, graphics and seat color.
- The high-revving 84.7cc, 2-stroke, liquid-cooled, reed-valve, single-cylinder engine has a bore and stroke of 48.0 x 46.8mm.
- 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 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.
- The RM85 is equipped with a smooth shifting six-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 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.
- 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 37mm 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 275mm (10.8-inches) of travel.
- A SHOWA large diameter rear shock absorber is valved to produce a plush feel and provide resistance to bottoming. The shock provides 277mm (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-inches) large-diameter disc and a rear brake with 200mm (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 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.RaceSuzuki.com.
- For more details, please visit www.suzukicycles.com.

RM85 SPECIFICATIONS

Engine	84.7cc, 2-stroke, liquid-cooled, single cylinder
Fuel System	KEIHIN PE28, single
Ignition	Electronic ignition (CDI)
Starter	Primary kick
Transmission	6-speed constant mesh
Final Drive	Chain, DID428DS, 118 links
Suspension Front	Inverted telescopic, coil spring, oil damped
Suspension Rear	Link type, coil spring, oil damped
Brakes Front	Disc brake
Brakes Rear	Disc brake

Tires Front	70/100-17 40M, tube type
Tires Rear	90/100-14 49M, tube type
Overall Length	1805 mm (71.1 in)
Overall Width	735 mm (28.9 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 lbs)
Fuel Tank Capacity	5.0 L (1.3 US gal)

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