YZ250F

LIGHTER, SHARPER, MORE ADVANCED

As soon as you ride the latest generation YZ250F you'll feel the difference immediately. Featuring a lower centre of gravity, the lightweight bilateral aluminium frame and KYB suspension give you increased levels of agility for faster cornering and rapid directional changes. And with a much flatter seat, with one-piece single cover, and narrower radiator shrouds the enhanced ergonomics provide increased controllability.

Already a proven Motocross Grand Prix winner, the YZ250F benefits from the latest suspension linkage and corresponding suspension settings at both the front and the rear to improve traction on corner exit, taking the YZ250F's renowned agile handling to the next level.

- Bilateral aluminium frame
- Optimized rider ergonomics
- Responsive top-end power
- Efficient air-management
- Revised suspension settings
- FIM noise compliant exhaust
- Low friction cam chain
- Lightweight components
- Uprated Power Tuner App
- Advanced traction control and launch control systems

Yamaha pioneered wireless engine tuning, and the latest YZ250F is equipped with an uprated Power Tuner system with a ‘Quick Tuning’ function that makes it easier to choose the best mapping and maximize your performance at different tracks. And with the Power Tuner App’s lap timer you can see which settings are reducing your lap times.

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The YZ250F is a favourite choice for riders who want the ultimate combination of controllable power, agile handling and Yamaha durability. With a Grand Prix-derived chassis, ultra-compact bodywork and an uprated engine, the latest generation YZ250F is like the bike you already love, only lighter, sharper and more advanced!

The chassis comes straight from the outstanding YZ450F that won numerous MXGP and Supercross races in its first season. Featuring refined geometry, the rear suspension linkage and factory settings at both the front and rear improve traction on corner exit, taking the YZ250F’s renowned agile handling to the next level on track.

Compact bodywork featuring ultra-slim shrouds as well as a much flatter seat, including a single-piece for rapid weight shifting. There’s also a high-efficiency air management system and ECU offering a smooth and controllable response in the bottom end and top end performance– while the latest version of the Power Tuner App features an intuitive ‘Quick Tuning’ function.

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Bilateral aluminium frame

The latest generation YZ250F uses the same frame design as the MXGP race-winning YZ450F. This lightweight bilateral aluminium frame's improved handling enables you to corner faster and smoother. The lower centre of gravity and reduced weight make the YZ250F more agile than ever – and the balance of rigidity and YZ250F-specific engine mounts give plenty of feel and feedback.

Optimized rider ergonomics

The rider triangle accommodates riders of varying sizes and physiques, offering better ergonomics with enhanced rider mobility and increased controllability. And the side panels give a tighter and lighter look, while the front fender improves airflow to the radiators for consistent cooling.

Responsive top-end power

The YZ250F is already regarded as one of the most competitive and responsive 250cc 4-stroke engines in the low to mid-rpm range. The latest rear duct air-management system together with the ECU boost the top-end engine performance, making this Motocross Grand Prix race winning machine even more competitive for every rider.

Efficient air-management

The high-rpm engine performance has been praised by the press and owners alike, and the body width is kept to a minimum by the efficient air-management system that channels fresh air from the rear through the spaces between the fuel tank, frame, seat and sidepanels. When it reaches the lightweight airbox the air is pre-cleaned by a vortex that throws particles to the side, reducing air cleaner clogging and making routine maintenance easier.

Revised suspension settings

The YZ250F's KYB front forks are widely regarded as being amongst the best in class, and the latest generation bike features revised fork settings as well as a hand-adjustable compression damping adjuster. The link-type Monocross rear suspension and KYB shock with the latest suspension linkage for increased traction on corner exit runs optimised settings – and the Power Tuner App contains useful suspension setting data for quick and accurate manual adjustments.

Modified exhaust to meet FIM regulations

The YZ250F's exhaust system has been modified to meet the latest FIM noise regulations, while retaining the bike's renowned controllable power characteristics and ride.

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Engine	
Engine type	4-stroke; Liquid-cooled; DOHC; 4-valves; Single cylinder
Displacement	250cc
Bore x stroke	77,0 x 53,6 mm
Compression ratio	13,8:1
Lubrication system	Wet sump
Clutch Type	Wet; Multiple Disc
Ignition system	TCI
Starter system	Electric
Transmission system	Constant Mesh; 5-speed
Final transmission	Chain
Carburettor	Fuel Injection

Chassis	
Frame	Semi double cradle
Front suspension system	Telescopic fork
Front travel	310 mm
Rear suspension system	link suspension; Swingarm
Rear Travel	295 mm
Front brake	Hydraulic Single Disc, Ø270 mm
Rear brake	Hydraulic Single Disc, Ø240 mm
Front tyre	80/100-21 51M Tube type
Rear tyre	110/90-19 62M Tube type
Caster Angle	27°25'
Trail	123mm

Dimensions	
Overall length	2185mm
Overall width	825mm
Overall height	1280mm
Seat height	970mm
Wheel base	1480mm
Minimum ground clearance	350mm
Wet weight (including full oil and fuel tank)	105kg
Fuel tank capacity	6.2 L
Oil tank capacity	0,95 L

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Images shown depict professional riders performing under controlled conditions. Specifications and appearance of Yamaha products as shown here are subject to change without notice and may vary according to requirements and conditions. For further details, please consult your Yamaha dealer.