



The lighter, sharper and more advanced new YZ250F.

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

The reverse head engine is already a proven Motocross Grand Prix winner, and the new model gets a significant top-end power boost thanks to a new rear duct air intake and revised ECU. The best-in-class KYB suspension runs with different settings for improved bump absorption – and the rear brake feel is adjusted for more accurate control.



- New bilateral aluminium frame
- Optimized rider ergonomics
- Increased top-end power
- Efficient air-management
- Revised suspension settings
- Increased rear brake feel
- Low friction cam chain
- Lightweight components
- Updated Power Tuner App
- New traction control and launch control systems

Yamaha pioneered wireless engine tuning, and the latest YZ250F is equipped with an updated 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. As soon as you ride the new generation YZ250F you'll feel the difference immediately. With a totally new chassis, ultra-compact bodywork and an updated engine, the new YZ250F is like the bike you already love. Only lighter, sharper and more advanced!

The all-new chassis comes straight from the outstanding YZ450F that won numerous MXGP and Supercross races in its first season. Featuring revised geometry and a repositioned head pipe, the bilateral aluminium frame's lower centre of gravity and improved rigidity balance enables more agile cornering and rapid directional changes.

Another major change on the 2024 YZ250F is the totally new compact bodywork featuring ultra-slim shrouds as well as a much flatter seat profile for rapid weight shifting. There's also a new high-efficiency air-management system and revised ECU that boost top end performance on the responsive 250cc 4-stroke engine – while the new version of the Power Tuner App features an intuitive 'Quick Tuning' function.



New bilateral aluminium frame

The new generation YZ250F uses the same frame design as the MXGP race-winning YZ450F. With a lower head pipe and new tank rails 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 revised balance of rigidity and YZ250F-specific engine mounts give plenty of feel and feedback.



Optimized rider ergonomics

The revised rider triangle accommodates riders of varying sizes and physiques. The shrouds are 50mm narrower, the flatter seat is 5mm higher and the footrests are 5mm lower, providing better ergonomics with enhanced rider mobility and increased controllability. And the new side panels give a tighter and lighter look, while the new smaller front fender improves airflow to the radiators for consistent cooling.



Increased 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 new rear duct air-management system together with a reprogrammed 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 is increased and the body width is kept to a minimum by the efficient new air-management system that channels fresh air from the rear through the spaces between the fuel tank, frame, seat and side panels. 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 new generation bike features revised fork settings as well as a new hand-adjustable compression damping adjuster. The link-type Monocross rear suspension and KYB shock also runs revised settings for high levels of traction and control – and the Power Tuner App contains useful suspension setting data for quick and accurate manual adjustments.



Increased rear brake feel

The rear brake feel is improved on the new YZ250F with the adoption of a new rear hose material. This is designed to give you more accurate feel for a wider range of control when you're sliding into tight turns or adjusting your in-flight position when jumping.

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	Aluminium Bilateral Beam
Front suspension system	Upside-down telescopic fork
Front travel	310 mm
Rear suspension system	link suspension;Swingarm
Rear Travel	313 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	26°55
Trail	119 mm

Dimensions

Overall length	2.180 mm
Overall width	825 mm
Overall height	1.275 mm
Seat height	970 mm
Wheel base	1.475 mm
Minimum ground clearance	350 mm
Wet weight (including full oil and fuel tank)	105 kg
Fuel tank capacity	6,2 L
Oil tank capacity	0,95 L



YZ250F

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.