



Tune. Race. Win.

Every circuit is different – and the weather can change at any time. So you need to be able to tune your bike to suit all conditions. With the YZ250F's unique Power Tuner app and adjustable mapping you can enjoy a real advantage in every race.

The compact reverse-head 250cc engine delivers outstanding free revving power – and its rearward-slanted cylinder and wraparound exhaust help to centralize mass, giving a lightweight feel for pinpoint maneuverability.

Handling is in another league thanks to the class-leading coil spring front forks with speed sensitive damping, and a lightweight linkage type rear suspension. On every track and in any weather, this compact electric start 250 4-stroke is Yamaha's ultimate MX2 weapon. Tune. Race. Win.



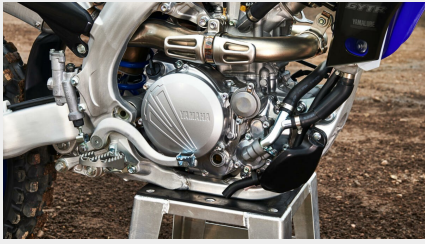
- Reverse-head DOHC 250cc liquid cooled 4-stroke
- High-efficiency long and straight inlet tract
- Mass centralized design for lightweight handling
- Power Tuner smartphone app for trackside tuning
- 'On the fly' 2-position engine mapping switch
- Lightweight electric starter with lithium-ion battery
- Slim and compact bodywork and seat
- Light and strong bilateral aluminium beam frame
- Class-leading coil spring-type front forks
- Light rear shock with excellent damping performance
- Heavy-duty clutch with lightweight feel at lever

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Equipped with unique performance-boosting technology, the electric start YZ250F is the most powerful and most technologically advanced 250cc 4-stroke motocross bike ever manufactured by Yamaha.

The innovative reverse-head engine pushes out high levels of controllable performance to keep you out front from the start gate to the chequered flag – and the exclusive Power Tuner app lets you carry out wireless trackside tuning so that you can choose the exact power profile for optimum race results at every track.

The compact chassis and mass centralized layout gives outstanding agility – and the industry-leading coil spring front forks and link-type rear end deliver winning performance with class-leading feel. Tune. Race. Win.



Reverse-head engine

The liquid-cooled, DOHC 4-valve, 250cc fuel-injected reverse head engine features a forward-positioned straight inlet tract with symmetrical intake and exhaust ports. A high-compression piston delivers outstanding engine character with a focus on top-end power delivery, and the lightweight rearward-slanted cylinder contributes towards the YZ250F's mass-centralization.



Exclusive Power Tuner App

Like the flagship YZ450F, the YZ250F features a Communication Control Unit (CCU) and onboard connectivity. Using the Power Tuner app you can wirelessly adjust fuel/air mix and ignition timing maps to tune engine performance for different track conditions – as well as record race log information and monitor a range of data such as maintenance, diagnosis, run time, and more.



Handlebar-mounted map switch

For instant mapping changes 'on the fly' there's a two-mode handlebar-mounted mapping switch that allows you to instantly adjust engine character with the push of a button – making it easy to fine tune the YZ250F using one of your pre-loaded maps to suit changing track or weather conditions while riding.



Bilateral aluminium beam frame

The compact and lightweight bilateral aluminium beam frame – combined with the bike's unique mass centralized design – ensures that the YZ250F is one of the best handling bikes in its class. The frame's rigidity is fine tuned to deliver immense strength with the best possible balance of bump absorption, stiffness and feeling of grip.



Lightweight electric starter with lithium-ion battery

Mounted near the chassis center to maintain a good weight balance, the YZ250F's light and compact electric starter ensures instant restarts during races – and saves you time and effort. Powered by a high-capacity and ultra-lightweight four-cell lithium-ion battery, the system adds minimal weight.



Industry-leading suspension

Large diameter KYB® coil spring-type forks give optimized rigidity for improved feel – while their speed-sensitive damping mechanism provides exceptional balance for race-winning handling. The lightweight KYB® rear shock and link-type rear suspension with specially developed settings give controlled damping characteristics with excellent traction.

Engine

Engine type	Liquid-cooled; 4-stroke; 4-valves; DOHC
Displacement	250cc
Bore x stroke	77.0 mm 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	Electronic Fuel Injection

Chassis

Frame	Aluminium
Front suspension system	KYB® sprint-type fork
Front travel	310 mm
Rear suspension system	Monoshock
Rear Travel	318 mm
Front brake	Hydraulic single disc, Ø270 mm
Rear brake	Hydraulic single disc, Ø245 mm
Front tyre	80/100 - 21 X20F
Rear tyre	100/90 - 19 X20R
Caster Angle	27.3°
Trail	119mm

Dimensions

Overall length	2175 mm
Overall width	825 mm
Overall height	1285 mm
Seat height	970 mm
Wheel base	1475 mm
Minimum ground clearance	335 mm
Wet weight (including full oil and fuel tank)	106 kg
Fuel tank capacity	6.2L
Oil tank capacity	0.95L



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.