



## Motocross performance, enduro stamina.

The new WR250F is ready to shake up the world of enduro and change the way that you look at the 250cc 4-stroke class. Benefitting from the very latest motocross technology and enhanced with a range of enduro-specific features, it's one of the most exciting bikes of the decade.

Yamaha's development team set out to build a new kind of machine that would be one of the lightest, quickest and strongest in the category. So they took the aggression, speed and agility of the winning YZ250F and then set about refining the high performance reverse-head engine and fine-tuning the lightweight aluminium chassis.

Its wide spread of linear torque and extremely agile handling make it the ideal bike for racers and leisure riders. Intelligent technology allows you to fine-tune the engine using your smartphone. And with its motocross performance and enduro stamina, the new generation WR250F is the ultimate off road package.



- New high-performance engine
- New smartphone engine tuning
- 2-mode engine map switch
- Lighter and tougher clutch
- Wide-ratio 6-speed transmission
- Mass-centralised starter motor
- New sharper-handling aluminium frame
- Industry-leading suspension
- Slimline new-look bodywork
- Bigger skid plate
- Larger 7.9-litre fuel tank

## Single Minded.

This new generation off-road competition machine gives you motocross performance with enduro versatility. Its new high performance engine is developed straight from Yamaha's ultra-competitive YZ250F unit, and has been refined to give you greater levels of low to mid-range torque with a harder-hitting top end.

For superfast re-starts there's a compact new electric starter – and the tougher clutch and 6-speed wide-ratio transmission can take on the most arduous terrain. And with onboard Wi-Fi, the intelligent new WR250F can be easily fine-tuned using the Power Tuner app on a smartphone.

When it comes to handling performance the new WR250F is in another league. The new YZ250F-derived lightweight aluminium beam frame gets a revised rigidity balance for razor sharp handling and confident stability – and the industry-leading suspension is further improved for an outstanding ride at all speeds.





## New high-performance engine

The latest generation WR250F is powered by an all-new engine that has been developed from the race-winning YZ250F unit. Featuring a high compression piston, enduro-specific valve timing, revised porting and a new 12-hole fuel injector with a redesigned intake funnel, this high-performance engine delivers stronger torque throughout the rev range.



## New sharper-handling aluminium frame

With its enduro-specific construction, the new YZ250F-derived aluminium bilateral beam frame delivers sharper handling in a wide variety of riding conditions. Fitted with special engine mounting brackets that enhance rider feedback, this strong and light flex-tuned frame gives you outstanding agility with confident stability.



## New smartphone engine tuning

Using Yamaha's Power Tuner smartphone app you can now fine-tune the WR250F via the onboard Wi-Fi. This easy to use system lets you create your own preferred fuel injection and ignition timing settings to suit different track and weather conditions. And you can view and share race logs, engine diagnostics, real-time monitoring and data back-up features.



## Industry-leading suspension

Equipped with larger diameter 25mm tubes and featuring new valving, the latest YZ250F-based front forks deliver outstanding speed sensitive performance. And with a lightweight spring and increased reservoir capacity, the new rear shock contributes towards the WR250F's reduced weight and reaffirms its reputation as one of the best handling enduro bikes.



## Lighter and tougher clutch

Enduro-riding has got to be one of the most severe tests for any transmission, but with the WR250F's newly developed clutch you're equipped to handle the most extreme terrain. Equipped with special knurled friction plates, the tough and lightweight clutch delivers consistent performance throughout the day.



## Wide-ratio 6-speed transmission

The new-generation engine is equipped with a specially-developed wide-ratio 6-speed transmission that makes the WR250F one of the most capable and versatile enduro bikes. From slow technical tracks through to high-speed riding, this durable gearbox enables you to achieve optimum performance.

## Engine

Engine type	Single cylinder; Liquid-cooled; 4-stroke; 4-valves; DOHC
Displacement	250cc
Bore x stroke	77.0 mm x 53.6 mm
Compression ratio	13.5 : 1
Lubrication system	Wet sump
Clutch type	Wet; Multiple Disc
Ignition system	TCI
Starter system	Electric
Transmission system	Constant Mesh; 6-speed
Final transmission	Chain
Fuel system	Fuel Injection
Maximum power	-
Maximum torque	-

## Chassis

Frame	Semi double cradle
Front suspension system	Upside-down telescopic fork
Front travel	310 mm
Rear suspension system	Swingarm
Rear travel	317 mm
Front brake	Single Disc, Ø250 mm
Rear brake	Single Disc, Ø245 mm
Front tyre	90/90-21 54M
Rear tyre	130/90-18 69M
Caster angle	27°10
Trail	116mm

## Dimensions

Overall length	2,165 mm
Overall width	825 mm
Overall height	1,270 mm
Seat height	955 mm
Wheel base	1,480 mm
Minimum ground clearance	320 mm
Wet weight (including full oil and fuel tank)	115 kg
Fuel tank capacity	7.5litres
Oil tank capacity	0.95litres

The 2020 WR450F and WR250F will be only be available in race specification, without EU4 homologation, for usage on closed circuits, private areas and specific events where participation with non-registered vehicles is allowed. Always wear a helmet, eye protection and protective clothing. Yamaha encourages you to ride safely and respect fellow riders and the environment. Images displayed may depict a professional rider performing under controlled conditions or on a closed circuit. The unit displayed on the images may be equipped with genuine Yamaha accessories and/or non-Yamaha branded accessories which may be for closed-circuit use only. All information is given for general guidance. Specifications and appearance of Yamaha products, Yamaha accessories and non-Yamaha branded accessories are subject to change without prior notice. Non-Yamaha branded accessories are fully developed and produced by respected third parties. Yamaha does not guarantee the availability of the displayed products and accessories in local markets. The product and accessories range may be limited in some countries. Yamaha has the right to discontinue products and accessories without prior notice. Where applicable, prices of Yamaha products and accessories may vary according to local requirements and conditions. No rights can be obtained from this information. For further details and availability, please contact your local Yamaha dealer.