



Motocross performance, enduro stamina.

The WR250F is built to shake up the world of enduro and change the way that you look at the 250cc 4-stroke class. Featuring the very latest motocross technology from Yamaha's Grand Prix-winning YZ250F – and equipped with a range of enduro-specific features – it's one of the most exciting bikes of the decade.

Powered by the more powerful YZ250F engine that's equipped with a wider inlet tract as well as a reprofiled exhaust camshaft and a new ECU, this is the quickest ever WR250F. And with its refined motocross-style aluminium chassis that's been specially tuned for the unique requirements of enduro – as well as a new 270mm front disc brake – this new bike is in another league.



- More powerful YZ250F-type engine
- YZ250F-style aluminium beam frame
- Smartphone engine tuning with Yamaha Power Tuner App
- High performance YZ250F-type front brake
- Industry-leading suspension
- Compact new multi-function LCD display
- Light and durable clutch
- Wide-ratio 6-speed transmission
- 2-mode engine map switch
- Large 7,9 L fuel tank
- Mass centralized design for light, agile handling

As well as looking 'full-factory' in its new Icon Blue finish, it's also pretty smart. Onboard wireless connectivity means you can fine-tune the engine power using your smartphone – while the compact new multi-meter tells you what you need to know. And with its higher level of motocross performance combined with its legendary enduro stamina, the latest generation WR250F is the ultimate off road package.

Play Fast.

The Yamaha WR250F gets more powerful and sharper for the new season with a whole range of the latest advanced technology from the Grand Prix-winning YZ250F motocross bike. Featuring a newly designed high-performance engine and a specially adapted aluminium chassis, the latest WR250F is built to play fast.

A new YZ250F-type cylinder head with a wider intake port and new exhaust camshaft gives more rapid mid to top-end performance while retaining the WR250F's strong low rpm torque – and a new lightweight aluminium beam frame from Yamaha's motocross bike has been enduro-tuned to give the right balance of rigidity for more precise feel and accurate surface feedback over tough terrain.

And a lighter and more powerful front braking system gives you ultimate controllability – and special enduro features include a new multi-function meter and a revised exhaust and muffler design. The light-feeling clutch and 6-speed wide-ratio transmission are ready for the most extreme challenge – and with the Power Tuner smartphone app and a 2-mode engine map switch, the intelligent WR250F can be set up to master virtually any riding conditions.



More powerful YZ250F-type engine

The latest WR250F comes with a more powerful, new high-tech engine that's been developed from the Grand Prix winning YZ250F. Featuring a new cylinder head with a wider intake port for increased running efficiency – as well as a new exhaust camshaft and enduro-specific ECU settings – this motocross-based engine gives you much stronger mid to top-end performance while retaining the WR250F's strong bottom end pulling power.



YZ250F-style aluminium beam frame

Manufactured using Yamaha's unique CF die-casting process, the WR250F's new frame comes straight from the winning YZ250F that's been one of the most dominant bikes in Europe and the USA. This strong and lightweight aluminium beam frame features walls of different thickness, that give a specially-tuned balance of rigidity for the highest levels of feel and feedback.



Smartphone engine tuning

Using Yamaha's Power Tuner smartphone app you can fine-tune the WR250F engine power character via the onboard wireless connectivity. 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 also view and share race logs, engine diagnostics, real-time monitoring and data back-up features.



High performance YZ250F-type front brake

Featuring a compact caliper with large diameter pistons – as well as special high friction pads giving a large contact area with the rotor – the WR250F's powerful new 270mm front disc brake enables you to save valuable time in tight sections and gives you a high degree of controllability.



Industry-leading suspension

The WR250F is equipped with best-in-class KYB 43mm coil spring front forks with the speed sensitive damping system and features special enduro valving for agile steering and outstanding bump absorption at all speeds. And with a lightweight spring and high-capacity reservoir, the rear shock contributes towards the WR250F's low weight and reaffirms its reputation as one of the best-handling enduro bikes.



Compact new multi-function display

The compact and newly designed multi-function display gives you all the information you need on the track or trail. The high-contrast LCD display includes an odometer, two tripmeters, clock and timer/stopwatch and low fuel warning light – and the fuel consumption indicator allows you to accurately plan your fuel stops.

Engine

Engine type	4-valves; 4-stroke; Liquid-cooled; DOHC; 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; 6-speed
Final transmission	Chain
Carburettor	Fuel Injection

Chassis

Frame	Aluminium Bilateral Beam
Front suspension system	KYB® fork, fully adjustable inverted twin chamber with speed sensitive travel
Front travel	310 mm
Rear suspension system	(Link type suspension); Swingarm
Rear Travel	317 mm
Front brake	Hydraulic single disc brake, Ø270 mm
Rear brake	Hydraulic single disc brake, Ø245 mm
Front tyre	90/90-21 54R Tube type
Rear tyre	140/80-18 70R Tube type
Caster Angle	27°10
Trail	116 mm

Dimensions

Overall length	2.175 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	7,9 L
Oil tank capacity	0,95 L

The 2022 WR450F and WR250F will be only be available in race specification, 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 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.