

WR250F

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.

Equipped with the powerful YZ250F engine that benefits from a wide inlet tract as well as higher-performance exhaust camshaft and ECU, this is the quickest ever WR250F. And with its motocross-style aluminium chassis that's been specially tuned for the unique requirements of enduro – as well as a large-diameter 270mm front disc brake – this bike is in another league.



- Powerful YZ250F-type engine
- YZ250F-style aluminium beam frame
- Smartphone engine tuning via Yamaha Power Tuner App
- High performance YZ250F-type front brake
- Industry-leading suspension
- Compact multi-function 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 agile handling

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

Play Fast.

Combining the outright speed and agility of Yamaha’s Grand Prix winning YZ250F motocross bike with a range of enduro-specific technology that gives increased rideability at all speeds and over a wide range of surfaces, the WR250F has the ability to master everything from high-speed tracks through to technical woods riding.

The YZ250F-type cylinder head features a wide intake port and high-performance exhaust camshaft that give rapid mid to top-end performance – while retaining the WR250F’s strong low rpm torque – and a lightweight aluminium beam frame developed from Yamaha’s motocross bike has been enduro-tuned to give the right balance of rigidity for precise feel and accurate surface feedback over tough terrain.

A light and powerful front braking system gives you ultimate controllability – and enduro features include a multi-function meter and a specially-developed 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 handle virtually any riding conditions.

WR250F



Powerful YZ250F-type engine

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



YZ250F-style aluminium beam frame

Manufactured using Yamaha's unique CF die-casting process, the WR250F's frame comes straight from the winning YZ250F that's been one of the most dominant motocross bikes in Europe and the USA. The 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 WiFi. 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.



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 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 a speed sensitive damping system (SSS) 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 multi-function display

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

YAMAHA
Revs Your Heart

WR250F

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	Semi double cradle
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

WR250F

The 2023WR450F 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.