



## The bike for all reasons

Designed using the most advanced race-bred technology, the all-new WR450F is a genuine multi-role enduro bike that is always ready to give you more – whether you're racing, training or having fun.

Featuring a sophisticated reverse cylinder head, the high torque 450cc 4-valve engine produces a wide spread of power that gives serious competitors the performance they need to win on a race day. And with its engine running modes, simply flick a switch when you want to turn this full-on racer into an easy to ride trail bike.

Its all-new beam frame and slimline bodywork give you lightweight agility in the toughest environment, and with its state of the art suspension, the WR450F can run harder, faster and smoother than before.



- All-new 450cc engine with optimized settings
- CCU care acceptă aplicația Power Tuner
- New handlebar mounted switch adjusts engine mode
- New YZ450F-based lightweight bilateral beam frame
- Revised KYB® suspension for stable & smooth ride
- Rezervor de combustibil subțire, cu masă centralizată, de 7,9 litri
- New light, slim and sharp body & headlight design
- Tough new skidplate and new speed sensor
- New shrouds and easy-access air filter box design
- Durable new clutch, 5-speed wide-ratio gearbox
- New narrow, lower and more accessible seat

## The bike for all reasons

Yamaha's WR-F enduro bikes are proving their winning potential in everything from Enduro GP and Enduro 2 through to Cross Country Rallies and the legendary Dakar – the toughest test there can be for any enduro bike.

Featuring a powerful new engine together with an agile new chassis and slimline bodywork developed from the YZ450F, the all-new WR450F gives you race winning performance with class leading versatility and legendary reliability.

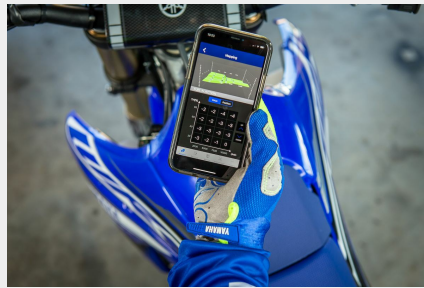
Its wide power delivery can be tuned via onboard WiFi with the Power Tuner app – and with a slim and agile chassis, the 2019 WR450F is the smartest and most complete enduro bike in any environment. From enduro through to rally, trail or recreational riding, this is the bike for all reasons.





## All-new 450cc engine

For 2019 the WR450F benefits from an all-new reverse head engine that's designed to give you an even wider spread of smoother and more controllable power. New camshafts, cylinder head and piston give a higher compression ratio for increased performance, and revised fuel injection settings and new ignition mapping gives you improved control in technical terrain.



## New Power Tuner app

Yamaha's Power Tuner app allows you to adapt your WR450F's engine character and performance to suit different riding conditions – and you can also access engine data. Using your smartphone with the Communication Control Unit (CCU), it's easy to adjust the air-fuel mixture and ignition timing to achieve optimum performance.



## New adjustable engine modes

When you're riding in the dirt you've got to be prepared to encounter constantly changing surface conditions as well as extreme weather. With the new switchable engine modes you can now select the appropriate power delivery using the handlebar mounted switch, enabling you to take control and everything from slow, technical terrain through to high-speed tracks.



## New YZ450F-based lightweight beam frame

The all-new frame is slimmer and lighter, making it feel much more agile through twisty, rocky and technical terrain. The aluminium bilateral beam frame is constructed with optimized levels of rigidity, giving much lighter handling together with accurate surface feedback – enabling you to maintain higher levels of control over bumps and on slippery surfaces.



## Revised KYB® front and rear suspension

Featuring new internals with longer high-rate springs, the industry-leading Air-Oil-Separate front forks provide stable damping characteristics over all types of terrain. For 2019 the rear shock is fitted with a lighter spring and the reservoir capacity is increased by 30cc to ensure more effective rear damping for increased stability.



## Slim, mass-centralized 7.9 litre tank

For increased riding time between refills, the new WR450F is equipped with a larger 7.9 litre fuel tank featuring a compact fuel pump. The increased capacity has been achieved by extending the tank's lower section towards the centre of the bike – a move that improves mass centralization and ensures a slim and compact body design.

## Motor

Tip motor	Răcit cu lichid; 4 timpi; 4-supape; DOHC
Capacitate cilindrică	449cc
Alezaj X Cursă	97.0 mm x 60.8 mm
Compresie	12.5 : 1
Sistem de ungere	Carter umed
Tip ambreiaj	Umed; Disc multiplu
Sistem de aprindere	TCI
Sistem de aprindere	Electric
Sistem de transmisie	Angrenaj constant; 5-viteze
Transmisie finală	Lanț
Carburator	Injectie de carburant
Putere maximă	-
Cuplu maxim	-

## Șasiu

Cadru	Cadru semidublu
Sistem suspensie față	Furci telescopice
Cursă față	310 mm
Sistem suspensie spate	Basculă; suspensie de legătură
Cursă spate	318 mm
Frână față	mono disc hidraulic , Ø270 mm
Frână spate	mono disc hidraulic, Ø245 mm
Anvelopă față	90/90-21 54M
Anvelopă spate	130/90-18 69S+M
Unghi rolă de direcție	26°±20
Traseu	114mm

## Dimensiuni

Lungime totală	2,165 mm
Lățime totală	825 mm
Înălțime totală	1,280 mm
Înălțimea scaunelor	965 mm
Baza roților	1,465 mm
Gardă minimă la sol	325 mm
Greutate la plin (inclusiv plin de benzină și de ulei)	123 kg
Capacitate rezervor carburant	7.5Litri
Capacitate rezervor ulei	0.95Litri



# WR450F

The 2019 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.