

# The all-new Yamaha YZ400F. History in the making.

The motocross world is just about to be turned upside down.

And the bike that's going to do it is the incredible new YZ400F 4-stroke.

Pumping an enormous band of high-torque power, the ultra-trick,



• Street-legal lighting equipment makes the new WR400F ready for any enduro straight from the crate! • Exclusive to the WR model, the wide-ratio transmission optimises engine performance over a wide speed range. • Frame-mounted sidestand ensures minimal unsprung weight and makes for easy parking if you're early at the time check! • Large-capacity 12-litre fuel tank gives a remarkable range between stops—while the reserve tap gets you out of trouble. • Low-noise silencer and spark arrestor make the WR400F one of the most environmentally responsible dirt bikes of the decade. • Standard enduro equipment includes an 18-inch rear wheel as well as a durable steel rear sprocket and long-life '0' ring-sealed chain.

MR





## 5-valve head

High-efficiency 5-valve head, together with a compact combustion chamber and lightweight valves, ensures the very highest levels of performance over an extremely wide rpm range.



#### Piston/Crank/Cylinder/ Balancer

The YZ400F's special lowfriction piston and ceramic composite plated cylinder give instant throttle pickup - while a lightweight balancer makes for super-smooth high-rpm running.



#### Transmission/Engine cases

For race-winning performance in dry and wet conditions, the YZ400F runs a slick-shifting close-ratio transmission - while its dry sump lubrication keeps engine dimensions to a minimum.



### Carburettor

Fed by a large-capacity airbox, the advanced FCR flat-slide carburettor feeds the bike's three inlet valves for instantaneous throttle response and holeshot-winning acceleration.



### YZ chassis

Featuring an integral oil tank, the lightweight semi-double cradle YZ frame is manufactured to 250-class dimensions for razor-sharp steering and agile handling performance.



Rear suspension/Shock Fully adjustable fade-resistant shock is worked by a lightweight YZ250-type aluminium swinging arm to give superb handling and traction — and with low-friction needle roller bearings, smooth action is assured.



### Front forks

Equipped with flex-resistant 46 mm diameter tubes, the YZ400F's fully adjustable upside-down forks give 300 mm of smooth, stiction-free action for precision steering and excellent shock-absorbing qualities.



### Front/Rear brakes

Twin-pot caliper with a Kevlar line and 245-mm drilled front disc generate precision braking power – while a 200-mm rear disc and compact caliper ensure progressive stopping performance.





## **YZ400F**

## **Technical Specifications**

## **ENGINE**

Type	Liquid cooled 4 stroke
	4 stroke single
Displacement	
Bore x Stroke	92 x 60.1 mm
Compression ratio	12.5 : 1
Maximum power	55 HP (40.4 kW)
Starting system	Kick start
	with auto decompression
Lubrification	Dry sump
Carburation	39 mm Keihin FCR flat side
Transmission type	5 speed
Final transmission	chain

CHASSIS	
Overall length	2170 mm
Overall width	820 mm
Overall height	1285 mm
Seat height	980 mm
Wheelbase	1480 mm
Minimum ground clearance	375 mm
Dry weight	107 kg
Front suspension	. Telescopic fork
Rear suspension	Swinging arm
Front brake	Disc
Rear brake	Disc
Front tyre	80/100-21
Rear tyre	110/90-19

## **WR400F**

## **Technical Specifications**

## **ENGINE**

Type	Liquid cooled 4 stroke
Cylinder arrangement	4 stroke single
Displacement	
Bore x Stroke	92 x 60.1 mm
Compression ratio	NA
Maximum power	NA
Starting system	Kick start
	with auto decompression
Lubrification	Dry sump
Carburation	. 39 mm Keihin FCR flat side
Fuel tank capacity	
Transmission type	5 speed
Final transmission	chain

2192 mm
827 mm
1303 mm
991 mm
1495 mm
373 mm
NA
. Telescopic fork
Swinging arm
Disc Ø 245 mm
Disc
NA
NA

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Specifications and appearance of Yamaha products shown here may vary according to requirements and conditions, and are subject to change without notice. For further details, please consult your Yamaha dealer.

Photos of WR400F shown here are US specifications. European specifications may differ.



YAMAHA MOTOR (UK) Ltd.

Sopwith Drive Brooklands, Weybridge, Surrey KT13 OUZ Tel.: 01932 358000 Information Hot line: 01932 358121

YAMAHA MOTOR (UK) Ltd.



