



Tune. Race. Win.

To give you a real advantage, the all-new YZ250F comes with a new electric start engine equipped with a whole range of power boosting technology – including a new forged piston, reprofiled cams and multi-angle valve seats that deliver exceptional power.

But the YZ250F hasn't been developed simply to give you more horsepower – its exclusive Power Tuner app and adjustable mapping enable selecting the right kind of performance that suits your individual style and different track conditions.

The compact new chassis and ergonomic bodywork give you the freedom to move around the bike for optimum control – and the upgraded suspension systems give enhanced feel on all surfaces.



- All-new DOHC 250cc liquid cooled 4-stroke engine
- Power Tuner smartphone app for trackside tuning
- 'On the fly' 2-position engine mapping switch
- Lightweight electric starter with li-ion battery
- Slim and compact new bodywork and seat
- New stronger bilateral aluminium beam frame
- New larger diameter Air-Oil-Separate front forks
- Light rear shock with improved damping performance
- New heavy-duty clutch with lighter feel at lever
- New high-efficiency angled radiator design
- Redesigned air filter box

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Equipped with the most advanced performance-boosting technology in its class, the YZ250F's all-new engine is the most powerful production 250cc 4-stroke ever manufactured by Yamaha

Its new lightweight electric starter saves valuable seconds when it matters – and with Yamaha's exclusive Power Tuner app and adjustable mapping, it's easy to choose the exact power profile for optimum race results at every track.

The compact new chassis increases agility – and new suspension systems deliver winning performance with class-leading feel. So expect more. Because the all-new Yamaha YZ250F gives you the highest level of tuneable performance ever seen in the 250cc class.



New engine

The liquid-cooled, DOHC 4-valve, 250cc fuel-injected engine features a forward-positioned straight downdraft intake with symmetrical intake and exhaust ports. A new higher-compression piston and new valves deliver outstanding engine character with a focus on top-end power delivery, and the lighter cylinder is more upright to improve mass-centralization.



Exclusive Power Tuner App

Like the flagship YZ450F, the all-new YZ250F now features a Communication Control Unit (CCU) as standard. Using the Power Tuner app, you can adjust air/fuel mixture and ignition timing maps to tune engine performance for track conditions, record race log information, and monitor a range of data such as maintenance, diagnosis, run time, and more.



New ECU map switch

The new two-mode switchable engine mapping allows you to instantly adjust engine character 'on the fly' with the push of a button, making it easy to fine tune the YZ250F for changing track or weather conditions while riding, or in between motos or practice sessions.



Lightweight electric starter with lithium-ion battery

Mounted near the chassis centre to maintain a good weight balance, the YZ250F's light and compact new electric starter system ensures instant restarts during races and saves you time and effort. Powered by a high-capacity and ultra-lightweight four-cell lithium-ion battery, the system adds minimal weight.



Compact new body and seat design

The YZ250F features new bodywork from tip to tail, including a new compact fuel tank specifically designed for motocross demands. In addition to shaving weight, the new body design is narrow for more comfortable knee grip and feeling of control, and the seat is updated to give the rider additional room to move aboard the machine.



New bilateral beam frame

The YZ250F's all-new bilateral beam frame further heightens the sense of agility to make the new model one of the best handling bikes in its class. Larger upper frame bracing improves rigidity and durability, while wider rear frame spars and all-new engine mounts centralize mass for the best possible balance of bump absorption, stiffness and feeling of grip.

Engine

Engine type	Liquid-cooled; 4-stroke; 4-valves; DOHC
Displacement	250cc
Bore x stroke	77.0 mm 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; 5-speed
Final transmission	Chain
Maximum power	kW (PS) @ rpm
Maximum Torque	Nm @ rpm
Limited power version	kW (PS) @ rpm
Fuel consumption	-
CO2 emission	-

Chassis

Frame	Semi double cradle
Front suspension system	Upside-down telescopic fork
Front travel	310 mm
Rear suspension system	Monoshock
Rear Travel	315 mm
Front brake	Hydraulic single disc, Ø270 mm
Rear brake	Hydraulic single disc, Ø245 mm
Front tyre	80/100 - 21 51M
Rear tyre	100/90 - 19 57M
Caster Angle	27°1
Trail	119mm

Dimensions

Overall length	2175 mm
Overall width	825 mm
Overall height	1285 mm
Seat height	970 mm
Wheel base	1475 mm
Minimum ground clearance	335 mm
Wet weight (including full oil and fuel tank)	106 kg
Fuel tank capacity	6.2L
Oil tank capacity	0.95L



YZ250F

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