



Strong. Fast. Smooth.

Every time you race, thousands of litres of fresh air are being sucked into your YZ250F engine before being exploded with vaporized fuel and blown out of the exhaust at high velocity. This is where race-winning power is made.

For strong performance the engine has an reverse cylinder head with high lift cams and large valves, as well as a high efficiency intake and big bore exhaust - and the ECU mapping settings gives a higher over rev limit.

Fitted with an slick-shifting transmission and featuring a refined aluminium frame and high rigidity forks with ideal suspension settings, the YZ250F is strong, fast and smooth.



- High performance reverse cylinder head
- High-lift camshafts and large diameter valves
- Large diameter front exhaust pipe
- Smooth transmission and ECU mapping
- Aluminium frame with steel engine mounts
- Air-Oil-Separate forks with stiffer outer tube
- Sharp suspension settings for front forks
- 250cc liquid-cooled DOHC 4-valve engine
- Front-facing intake and top mounted airbox
- Mass centralized design for agile handling
- MXGP-bred cutting edge technology

Forward thinking

With a winning track record that includes hard-fought FIM and AMA Championship wins on both sides of the Atlantic, the game-changing YZ250F has the right stuff to power you to the top of the podium.

This high-tech motocross bike comes with an high-performance reverse cylinder head that gives you the winning advantage against the opposition. And with its refined aluminium frame and sharp suspension settings, you can run harder and faster from the gate to the flag!

Whether you're an experienced pro racer or a hard-charging amateur, the revolutionary YZ250F delivers all the power and agility that you need to maximise your potential. Think forward. Think YZ250F.



High performance cylinder head

The YZ250F has a reverse cylinder head, and features high lift cam profiles as well as large diameter intake valves and strong valve springs. Fitted with a big bore front exhaust, this advanced power-boosting head gives you strong mid to high rpm pulling power for a real advantage from the drop of the gate.



Intake efficiency

With its high revving design, the YZ250F sucks in tens of thousands of litres of fresh air in a typical moto, and in order to reduce pumping losses, the model features a short intake funnel. Combined with a throttle joint that gives a 5% larger opening into the raised intake port, this highly efficient design gives you more power.



Aluminium beam frame

The YZ250F has a refined aluminium beam frame with a wider area behind the swingarm pivot point, giving higher torsional rigidity for increased handling stability. The steel engine mounting brackets enhance rideability, and the footrests give a roomier riding position with a lower centre of gravity.



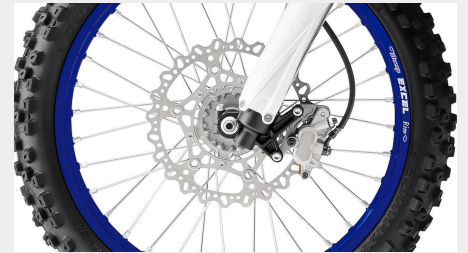
High rigidity front forks

The YZ250F's Air Oil separate (AOS) front forks are regarded as being amongst the best in the class, and they are equipped with high rigidity outer tubes that give great rider feedback. The compression and rebound factory settings are revised compared with the previous model update, and fork oil capacity is set to deliver enhanced rideability.



Smooth transmission

To handle the power, the transmission has wide teeth and modified dogs. Together with the shift cam and clutch activation, they give smooth, quick and positive shifting. The ECU features such ignition and fuelling map settings, as well as a high rev limit for superb over-rev feeling.



270mm front disc brake

Braking power is just as important as engine power when it comes to reducing lap times, and the YZ250F is equipped with a large diameter 270mm front disc brake and a heat treated 245mm rear disc. This highly efficient system delivers high levels of stopping power with accurate feel and precise control, enabling you to brake harder and later.

Engine	
Engine type	Single cylinder; Liquid-cooled; 4-stroke; DOHC; 4-valves
Displacement	250cc
Bore x stroke	77.0 mm x 53.6 mm
Compression ratio	13.5 : 1
Lubrication system	Wet sump
Clutch Type	Wet; Multiple Disc
Ignition system	TCI
Starter system	Kick
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	Swingarm; link suspension
Rear Travel	315 mm
Front brake	Hydraulic single disc, Ø270 mm
Rear brake	Hydraulic single disc, Ø245 mm
Front tyre	80/100-21 MS32
Rear tyre	100/90-19 MS32
Caster Angle	26°50
Trail	118mm

Dimensions	
Overall length	2170 mm
Overall width	825 mm
Overall height	1280 mm
Seat height	965 mm
Wheel base	1475 mm
Minimum ground clearance	330 mm
Wet weight (including full oil and fuel tank)	105 kg
Fuel tank capacity	7.5L
Oil tank capacity	0.9L