



The choice of future champions.

Right now the YZ125 is the bike of choice for future champions. The YZ125's slim-new bodywork, super-agile high specification chassis and flat seat allow you to shift weight quickly for total control – and with its redesigned 125cc engine, powerful new braking system and state-of-the-art suspension, this is destined for the victorYZone!

When you're aiming for the top you need the right bike that can give you the performance you need to show you're a winner. Featuring an even more powerful 125cc 2-stroke engine featuring all-new engine internals as well as a redesigned YPVS and a new Keihin powerjet carburettor for explosive acceleration, and with a slicker shifting 6-speed transmission and revised gear ratios to help shave precious seconds off your lap times, the new YZ125 gives tomorrow's professional riders the extra performance they need to make their name.



- Increased power and better agility
- Athletic new ultra-slim bodywork
- New Keihin Powerjet carburettor with TPS
- Smooth shifting 6-speed transmission
- High-efficiency air intake
- Race-developed ergonomics
- Best-in-class KYB suspension
- Powerful braking system
- New rear frame
- New generation colour and graphics

And if you're really serious about making it to the top, Yamaha's highly successful YZ bLU cRU FIM Europe Cup program is the way to go. It's where tomorrow's stars get a chance to qualify for the bLU cRU Europe Cup SuperFinale, and it's the place where winning riders can take their first steps towards a professional career.

2 Stroke evolution.

The new YZ125 is the fastest, lightest and most agile 125cc production motocross bike ever built by Yamaha. This winning 2-stroke is completely redesigned to give you stronger and more useable power – and the ultra-slim chassis is equipped with powerful brakes and refined suspension that deliver the performance you need to get on the podium.

Featuring all-new engine internals as well as a redesigned YPVS (Yamaha Power Valve System) and a new Keihin powerjet carburettor for explosive acceleration, the YZ125 develops a higher peak power that keeps you way out front – and a slicker shifting 6-speed transmission and revised gear ratios help to shave precious seconds off your lap times.

Its sharp new bodywork is slimmer than ever, giving you increased controllability on the ground and in the air – and the flatter seat and new sidepanels allow you to move easily around the bike when braking and accelerating hard. The YZ125 gives you more power and increased agility – now just add your ability and prepare to enter the victorYZone!



Increased power and better usability

The all-new 125cc 2-stroke engine is the most powerful unit ever used on the YZ125, and it develops a higher performance in the mid to high rpm range and offers improved usability. This has been achieved by developing an all new cylinder head, piston and cylinder, con rod, crank, YPVS as well as redesigning other major components.



Athletic new ultra-slim bodywork

The bodywork is the slimmest ever, with the area between the rider's knees 36mm narrower than on the previous model, and the athletic and modern body design underlines the YZ125's lightness and compactness. The reduced dimensions improve overall rider mobility and reinforce the feeling of agility.



Keihin Powerjet carburettor

The YZ125 is equipped with a Keihin PWK 38.1mm carburettor featuring a solenoid controlled Powerjet that instantly delivers its fuel/air mix for even more explosive performance, giving a real advantage out of the gate and when accelerating hard out of corners. And the new TPS (Throttle Position Sensor) and 3D map controlled CDI ensure optimized ignition timing, while the new V-Force reed valve assembly provides optimum intake efficiency at all engine speeds.



Smooth shifting 6-speed transmission

The transmission has been redesigned and features a new set of internals to handle the YZ125's dramatically increased maximum power output, and a redesigned shift mechanism gives a smoother shift feeling. The secondary reduction ratio is slightly increased with the use of a 13/49 front/rear sprocket set, and for better driveability the transmission runs with slightly reduced 5th and 6th gear ratios.



High-efficiency air intake

Following extensive testing Yamaha's engineers have developed a new intake system. The whole area around the airbox has been redesigned including the seat base, rear frame and sidepanels in order to reduce air resistance, making a significant contribution towards increased intake efficiency.



Race-developed ergonomics

Engine performance is just one element of being competitive – the ability to handle the power effectively and take total control of the chassis is also vital. A new much flatter seat with a lower front and higher rear, together with the new slimmer tank and narrower radiator shrouds, make it much easier to shift your weight around the bike when braking, accelerating and cornering.

Engine

Engine type	Liquid-cooled; 2-stroke; Forward-inclined single cylinder; Reed valve with YPVS
Displacement	125cc
Bore x stroke	54,0 x 54,5 mm
Compression ratio	8,2-10,1 : 1
Lubrication system	Premix
Clutch Type	Wet; Multiple Disc
Ignition system	CDI
Starter system	Kick
Transmission system	Constant Mesh; 6-speed
Final transmission	Chain
Carburettor	Keihin PWK38S/1

Chassis

Frame	Semi double cradle
Front suspension system	Upside-down telescopic fork
Front travel	300 mm
Rear suspension system	Swingarm; link suspension
Rear Travel	315 mm
Front brake	Hydraulic single disc, Ø270 mm
Rear brake	Hydraulic single disc, Ø240 mm
Front tyre	80/100-21 51M
Rear tyre	100/90-19 57M
Caster Angle	26°
Trail	109 mm

Dimensions

Overall length	2.135 mm
Overall width	825 mm
Overall height	1.295 mm
Seat height	975 mm
Wheel base	1.440 mm
Minimum ground clearance	365 mm
Wet weight (including full oil and fuel tank)	95 kg
Fuel tank capacity	7,0 L
Oil tank capacity	0,7 L

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.