



Engineered to win

When you're 100 per cent serious about winning in the dirt, the choice is clear: your future is with Yamaha. That's because we have been building some of the world's most successful off-road racing bikes for nearly 40

Yamaha's YZ motocross models offer the most competitive engine and chassis packages, plus class-leading technologies and legendary build quality.

Our off-road success story didn't just happen by chance. Yamaha's long list of World and National Championships in motocross and enduro is the result of many years of commitment and devotion by our engineers and factory riders. Indeed, the will to win is an integral part of Yamaha's DNA.



- Highly-tuned 85cc liquid-cooled 2-stroke engine
- A serious race-bike for pro riders of the future
- Available in standard or large-wheel (LW)
- Large-diameter front and rear disc brakes
- Race-specification long-travel suspension systems
- Slimline and lightweight racing-blue bodywork

Lightweight motocross racer

Running with high-tech chassis and engine designs, the YZ85 and the large-wheel YZ85LW 2-strokes are a top choice for tomorrow's pro riders. Designed to kick out holeshot-winning power, the free-revving 85cc liquid-cooled 2-stroke engine is one of the most advanced in its class.

Like our large-capacity race bikes, the YZ85/LW models are equipped with upside-down forks and a swingarm (link suspension) system for outstanding handling and steering qualities.

And with large-diameter front and rear discs, lightweight aluminium rims and hubs and slimline bodywork, Yamaha's YZ85/LW models are built for winners.



Choice of standard and large-wheel (LW) models

To cater for youth riders of all sizes, Yamaha offer this model in standard wheel and large-wheel (LW) options. The YZ85 runs with a 356 mm (14 inch) rear wheel and 432 mm (17 inch) front wheel, while the YZ85LW is equipped with a 406 mm (16 inch) rear wheel and 483 mm (19 inch) front wheel.



Specially-tuned expansion chamber exhaust system

Every feature on this highly-competitive race bike has been developed to give you the edge on the track. The specially-designed expansion chamber exhaust ensures that the liquid-cooled engine delivers optimum performance - and the 6-speed close-ratio gearbox enables the rider to make optimum use of the free-revving motor.



Lightweight and slimline racing-blue bodywork

The YZ85/LW's beautifully-styled bodywork is a scaled-down version of the design used on our large-capacity YZ models. For low weight combined with high strength, the fenders, side panels and fuel tank are made from polypropylene, and the slimline tank and seat make for rapid weight shifting when entering and exiting corners.



Large diameter disc brakes

Braking performance is just as important as engine power when it comes to winning races, and so the YZ85/LW comes fully-equipped with one of the best set-ups in the class. A large-diameter 220 mm front disc generates strong, controllable and progressive braking, while a 190 mm rear disc provides reliable stopping power at the rear end.



High-specification front and rear suspension

The lightweight suspension on the YZ85/LW are built to the same advanced specification as on our larger MXGP-winning racers, and deliver remarkable handling performance together with precision steering. Long-travel upsidedown forks give 275 mm wheel movement - while the swingarm (link suspension) offers 282 mm travel (LW: 287 mm)



High-performance liquid-cooled 2-stroke engine

Races can be won or lost in the sprint to the first corner, and so the 85cc liquid-cooled 2-stroke engine has been tuned to deliver plenty of free-revving performance for holeshot-winning acceleration. And with its close-ratio 6-speed gearbox, the YZ85/LW rider can extract optimum efficiency from the highly-tuned engine.

Engine

Engine type	Single cylinder; Liquid-cooled; 2-stroke; Reed valve
Displacement	84.7cc
Bore x stroke	47.5 mm x 47.8 mm
Compression ratio	8.2 : 1
Lubrication system	Premix
Clutch Type	Wet; multiple-disc coil spring
Ignition system	CDI
Starter system	Kick
Transmission system	Constant Mesh; 6-speed
Final transmission	Chain
Carburettor	Keihin PWK28/1

Chassis

Frame	Semi double cradle
Front suspension system	Upside-down telescopic fork
Front travel	275 mm
Rear suspension system	Swingarm; link suspension
Rear Travel	282 / 287* mm
Front brake	Single Disc, Ø220 mm
Rear brake	Single Disc, Ø190 mm
Front tyre	70/100-17 40M / 70/100-19 42M
Rear tyre	90/100-14 49M / 90/100-16 52M
Caster Angle	27°
Trail	106mm

Dimensions

Overall length	1,818 / 1,903* mm
Overall width	758 mm
Overall height	1,161 mm
Seat height	864 / 904* mm
Wheel base	1,255 / 1,286* mm
Minimum ground clearance	351 / 393* mm
Wet weight (including full oil and fuel tank)	71 / 73* kg
Remark	*YZ85LW only
Fuel tank capacity	5.0litres
Oil tank capacity	0.5litres



YZ85/LW

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 are subject to change without notice and may vary according to requirements and conditions. For further details, please consult your Yamaha dealer.