



## The serious racer for future pro riders

Decades of development on and off the track are designed to keep the Yamaha YZ85 at the front of the pack.

The liquid-cooled 85cc 2-stroke engine has made a name for itself as one of the quickest and easiest to use engines in the class. This potent powerplant produces strong and useable power.

Sharp bodywork with bold Speed Block graphics give this high performance 2-stroke a fresh and modern look. And with its high specification suspension and large diameter disc brakes, the YZ85 is ready to win - straight out of the crate!



- Also available in large wheel (YZ85LW) option
- Large diameter lightweight disc brakes
- Long aluminium swingarm
- Sharp bodywork and graphics
- Styled like the bigger YZ models
- Upside down front forks with 275mm travel
- Link-type Monocross rear suspension
- Close-ratio 6-speed transmission
- Revised port timing for more useable power
- Powerful and useable 85cc 2-stroke engine
- Lightweight youth motocross race bike

## Air Riders

Back in the day it was Yamaha who pioneered the first serious youth motocross bikes – and we're proud of the fact that the YZ85 has launched the careers of so many top riders.

Some forty years on we're still a major force in youth MX - and it's this in-depth experience that gives the Yamaha the edge. Featuring advanced engine and chassis technology and sharp bodywork, the YZ85 and YZ85LW large wheel look super cool

The YZ85/LW has a reliable 2-stroke liquid-cooled 85cc engine which produces smooth and useable power – and with its easy handling chassis and modern image, this cool Motocross bike is the choice of future champions.



## Sharp bodywork

We figured that when you look good you feel good – and so we've kitted the YZ85 out in sharp bodywork that brings it in line with our adult motocross models. The package is completed with 'factory bike' style Speed Block graphics.



## Strong and useable engine performance

The YZ85's ultra-compact and lightweight 2-stroke engine is famous for its strong yet manageable power that enables new and more experienced youth riders to race to the very best of their ability. The YZ85 delivers useable performance via its close ratio 6-speed transmission.



## Upside down front forks

The YZ85 features much of the technology first developed for our larger-capacity motocross bikes, and the upside down forks are a scaled down version of the advanced suspension used on the adult class YZ models. Featuring 36mm diameter inner tubes, these smooth-action forks give 275mm of wheel travel for excellent shock absorption.



## Monocross rear suspension

Like the front forks, the rear suspension featured on the YZ85 is directly descended from the technology used on our factory racers. A long aluminium swingarm activates the progressive link-type Monocross suspension system to give 282mm (LW model 287mm) of wheel travel that's designed to handle everything from washboard sections to hard landings.



## Available in large wheel (YZ85LW) option

In order to accommodate riders of widely varying sizes in the youth class, this model is offered in two wheel size options. With a 17-inch front wheel and 14-inch rear wheel, the YZ85 is ideal for smaller riders, while the 19-inch front wheel and 16-inch rear wheel on the YZ85LW suits larger or older competitors.



## Large diameter disc brakes

Races are often won or lost by the rider who can brake latest, and so we've equipped the YZ85 with powerful disc brakes that offer plenty of feel. At the front there's a lightweight large diameter 220mm diameter disc slowed by a compact caliper, while the 190mm diameter rear disc gives accurate rear wheel control.

## 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	8.1 : 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
Maximum power	-
Maximum Torque	-

## 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	1,899 / 1,903* mm
Overall width	758 mm
Overall height	1,156 mm
Seat height	873 / 904* mm
Wheel base	1,285 / 1,286* mm
Minimum ground clearance	360 / 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.