



## Small package - big fun.

See the smile on your child's face after they've been riding their TT-R junior bike and you'll know that you made the right decision investing in a Yamaha.

Today's kids are often accused of spending too much time playing on their computer, but once they have ridden a Yamaha off-road bike they will soon realise there's more to life than a games console. Our latest TT-R line-up features a manual 5-speed 125cc, a 110cc and a 50cc model with an automatic clutch. Each of them is designed to bring many hours of family fun.

Every bike has the same high levels of quality, reliability and durability that have made Yamaha one of the leading names in motorcycling.



- Motocross-style 110cc 4-stroke fun bike
- For new riders and kids moving up from the TT-R50E
- Easy-to-use, semi-automatic 4-speed gearbox
- Radical racing-blue, motocross-style bodywork
- Key-type main switch for added parental control
- Long-travel off-road type suspension systems

## Small package - big fun.

Yamaha's leading TT-R range includes the beautifully-styled TT-R110E, which is aimed at new riders as well as those graduating from the smaller TT-R50E.

Its radical racing-blue, motocross-style bodywork has been directly inspired by our MXGP-winning YZ race bikes. For easy steering and high levels of rider comfort, this good-looking youth bike features long-travel front and rear suspension.

New and experienced off-road riders will love the smooth and strong performance of the 110cc 4-stroke engine, and the 4-speed semi-automatic gearbox means that there is no clutch lever for riders to worry about.



## 110cc 4-stroke engine with semi-automatic gearbox

The TT-R110E's rugged and reliable 110cc 4-stroke engine has been designed for smooth and strong performance, making this mid-sized youth bike a joy to ride. And with its semi-automatic 4-speed gearbox, the TT-R110E is an ideal choice for new and experienced riders.



## Long-travel front and rear suspension

The TT-R110E is equipped with rugged suspension systems that are designed to ensure riding comfort and easy handling when riding off-road. At the front, the sturdy telescopic forks give 115 mm of wheel movement, while the single-shock monocross rear suspension offers 110 mm of smooth and progressive travel.



## Smooth-action drum brakes and off-road tyres

For reliable stopping power, the TT-R110E has drum brakes at the front and rear, and their simple design makes for easy maintenance. Special off-road pattern tyres make this mid-sized youth bike a strong performer in the dirt, while the 356 mm (14 inch) front wheel and 305 mm (12 inch) rear wheel help to handle uneven terrain.



## Rugged and lightweight motocross-style bodywork

Check out the TT-R110E's bodywork and it's clear that the radical lines of this stylish 4-stroke have been inspired by our MXGP-winning YZ race bikes. Finished in our world-famous racing-blue colour scheme, the fenders and fuel tank panels are made from ultra-tough polypropylene for minimum weight and maximum strength.



## Forward-inclined cylinder and high-level exhaust

The 110cc 4-stroke engine features a forward-inclined, air-cooled SOHC cylinder that allows easy access for cleaning and routine maintenance. This configuration also helps to centralise mass for easy handling. And for low noise output, the TT-R110E has a large-capacity, high-level exhaust fitted with a heat shield.



## Fun to ride

When we designed the TT-R110E we set out to make a bike that was fun to ride and simple to own, making life easy for kids and parents. Features like the electric and kick start, semi-automatic gearbox, air-cooled engine and drum brakes mean that this rider-friendly youth bike is the leading choice for kids and parents who are new to motorcycling.



## Engine

Engine type	Air-cooled; 4-stroke; SOHC; 2-valves
Displacement	110cc
Bore x stroke	51.0 mm x 54.0 mm
Compression ratio	9.3 : 1
Lubrication system	Wet sump
Clutch Type	Wet; Multiple Disc; Centrifugal automatic
Ignition system	CDI
Starter system	Electric and kick
Transmission system	Constant Mesh; 4-speed
Final transmission	Chain
Carburettor	Carburettor

## Chassis

Frame	Steel tube backbone
Front suspension system	Telescopic forks
Front travel	115 mm
Rear suspension system	Swingarm; monocross
Rear Travel	110 mm
Front brake	Drum, Ø95 mm
Rear brake	Drum, Ø110 mm
Front tyre	2.50-14 4PR
Rear tyre	3.00-12 4PR
Caster Angle	26°
Trail	60mm

## Dimensions

Overall length	1,565 mm
Overall width	680 mm
Overall height	920 mm
Seat height	670 mm
Wheel base	1,080 mm
Minimum ground clearance	180 mm
Wet weight (including full oil and fuel tank)	72 kg
Fuel tank capacity	3.8litres
Oil tank capacity	1.0litres



# TT-R110E

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Images shown in this brochure 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.