

# YAMAHA DT125



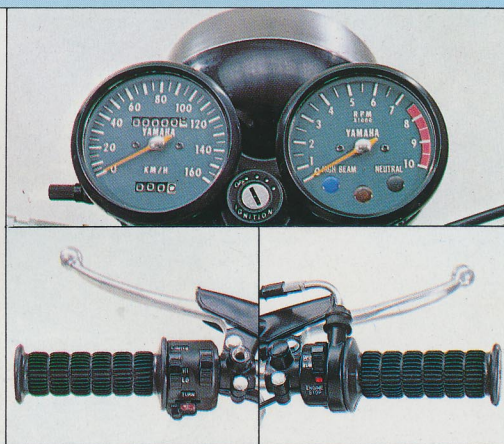
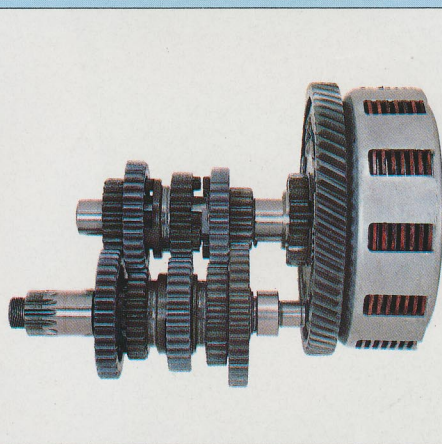
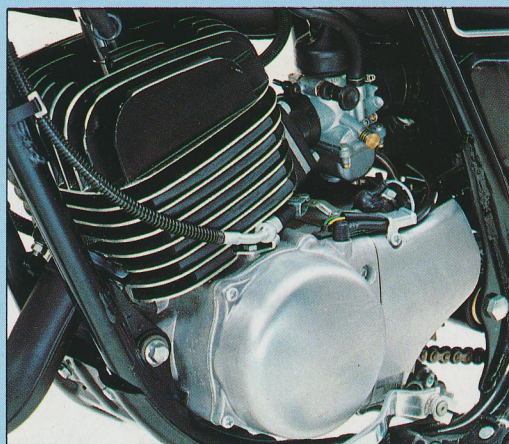


# Specialist Trail Bike for City Streets Too?

The DT125F trail bike developed to its current high degree of perfection by Yamaha takes into account the background of engineering research study initiated to produce grand prix motocross winners. The DT125F is rugged and has an inherent stability, dust- and waterproof brakes, and a performance ability to push it over any given terrain. Another plus factor is its performance on city streets.

It is light, nippy and manoeuvrable, as perfect in the jungle of crowded city streets as it is at giving pleasure in the country.

The DT125F with its compact, single cylinder engine and 5-speed gearbox can carry a rider into club trials, gymkhana activities or enduro events. It has excellent lights and full road specification meaning that weekend fun is coupled with ride to work economy.



## Engine

Well proven 123-cc, two-stroke, single cylinder with 7-port Torque Induction system providing real punch right through the speed range to haul the machine up the steepest gradient or to enable a good cruising speed to be maintained on the ordinary highway. An extremely rugged engine design provides an excellent long life capability and a special cylinder and head finning design helps to disperse heat and reduce engine noise. Yamaha's patented Autolube lubrication system injects oil into the engine to guarantee clean efficient running right through the engine's speed range.

## V-type Reed Valve

Employing a special stainless-steel reed-valve assembly between the carburetor and the engine, intake is positive and efficient. Operating due to pressure variations within the engine itself, the reed valves open and close on demand positively fueling the engine and preventing blow-back through the carburetor, resulting in increased torque and higher economy.

## Gearbox

Five widely spaced ratios to cater for every element of rough or smooth riding are contained in the constant mesh gearbox which is gear driven from the crankshaft. A clutch with seven friction plates transmits drive in any gear and can easily take the punishment that rough trail riding can mete out and still operate efficiently with a very light handlebar lever pressure. Gear changing on the DT125F is always a pleasure for the competition skills of Yamaha have been utilized to "design in" the characteristic rapid shift ability required on so responsive a machine.

## Frame

Drawn from high-tensile steel, the famous Yamaha double-cradle frame is the basis of the DT125F's taut and responsive handling. A lifetime of brutal off-road punishment can be absorbed by this strongly welded component which is giving satis-

faction and enjoyment on many thousands of DT125F models around the world.

## Suspension

The front forks follow Yamaha's sporting tradition by being smooth, capable of absorbing every shock and containing the most up-to-date damping mechanism known to the world of motorcycling.

The rear shock absorbers have 5-position adjustment and with full-length chrome springs add to the styling blend of the machine while also being easy to clean.

## Brakes

Yamaha's unique labyrinth sealed brakes are not affected by water or dust. On a bike used on rugged territory and which may also be used in traffic, this design prevents grabbing and maintains emergency stop capabilities.

## Road Equipment

Yamaha have given their 125DT series a speedometer and precision easy-to-read rev counter. Additionally powerful lights, reflectors and direction indicators are robustly mounted for the basic purpose for which the machine is intended has not been forgotten in preparing it for the street.

## Speedometer and Tachometer

The overall operation and speed of the bike can be easily monitored at a glance at the large, easily-readable speedometer and tachometer. These precision instruments are shock mounted for lasting durability and are placed at an optimum location for quick viewing.

## Lighting

For safe riding day or night, the lighting equipment is designed to be readily visible by other traffic and so that the rider's field of vision is as wide as possible at night. The turn signals and rear stop light brightly indicating the rider's intentions, and the instrumentation is softly back-lighted for clear nighttime viewing.

## SPECIFICATIONS

### ENGINE

Type ..... 2-stroke, Torque Induction, Single Displacement, ..... 123 cc  
Bore & Stroke ..... 56 x 50 mm  
Compression ratio ..... 6.7 : 1  
Max. horsepower ..... 13.5 bhp @ 7,000 rpm  
Max. torque ..... 1.38 kg-m @ 6,500 rpm  
Lubrication system ..... Autolube  
Starting system ..... Primary kick starter  
Primary transmission ..... Gear  
Final transmission ..... Chain  
Gearbox ..... 5-speed  
Carburettor ..... VM24SS  
Clutch ..... Multi plate, wet  
Battery ..... 6V, 4AH  
Ignition type ..... Magneto, CB/Coil

### DIMENSIONS

Overall length ..... 2,020 mm  
Overall width ..... 860 mm  
Overall height ..... 1,090 mm  
Seat height ..... 810 mm  
Wheelbase ..... 1,340 mm  
Weight (net) ..... 100 kg  
Fuel tank capacity ..... 7 lit.  
Oil tank capacity ..... 1.2 lit.  
Tires front ..... 2.75-21-4PR  
rear ..... 3.25-18-4PR  
Brakes front ..... Drum  
rear ..... Drum

\* Specifications subject to change without notice.



# YAMAHA, It's a way of life



YAMAHA MOTOR N. V.

Postbus 7829 PROF. E. M. Meyerslaan 3  
Amstelveen (Amsterdam), Holland

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