

DT125



 **YAMAHA**

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Offering the best for travel anywhere

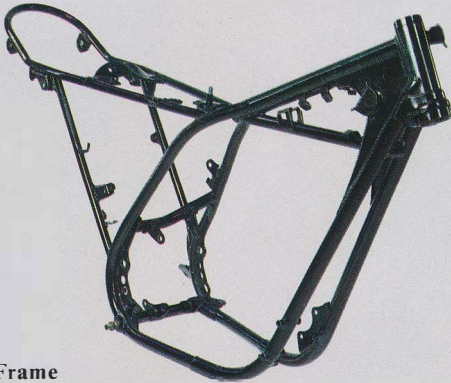


Speedometer and Tachometer

The overall operation and speed of the bike can be easily monitored by a glance at the large, easily-readable tachometer and speedometer. 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 indicate the rider's intentions, and the instrumentation is softly back-lighted for clear nighttime viewing.



Frame

Over the roughest terrain, an off-the-road bike experiences punishment that would literally destroy even the best road machine, and at YAMAHA in order to assure dependability regardless of the condition of the trail or the amount of vibration generated by the spirited engine, a high-tensile-strength, double-cradle frame is utilized. This double-cradle design has become famous throughout the world for its ability to withstand the gruelling treatment of hill-climbing, jumping and motocross sports.

Front Forks

In order to smooth out road roughness and reduce vibration felt by the rider thereby lowering riding fatigue, this bike is equipped with ultra-responsive race type front forks. These optimum-stroke forks are specifically designed to yield the best stability while allowing maximum maneuverability.

Rear Shock Absorbers

In order to further increase the stability of the bike, the hydraulic rear shock absorbers are designed for an optimum stroke. 3-step adjustable to compensate for load and road conditions, the design assures good surface tracking ability even while carrying widely varying loads, and the exterior style of the shocks lends itself to the overall good appearance of the machine.

Muffler

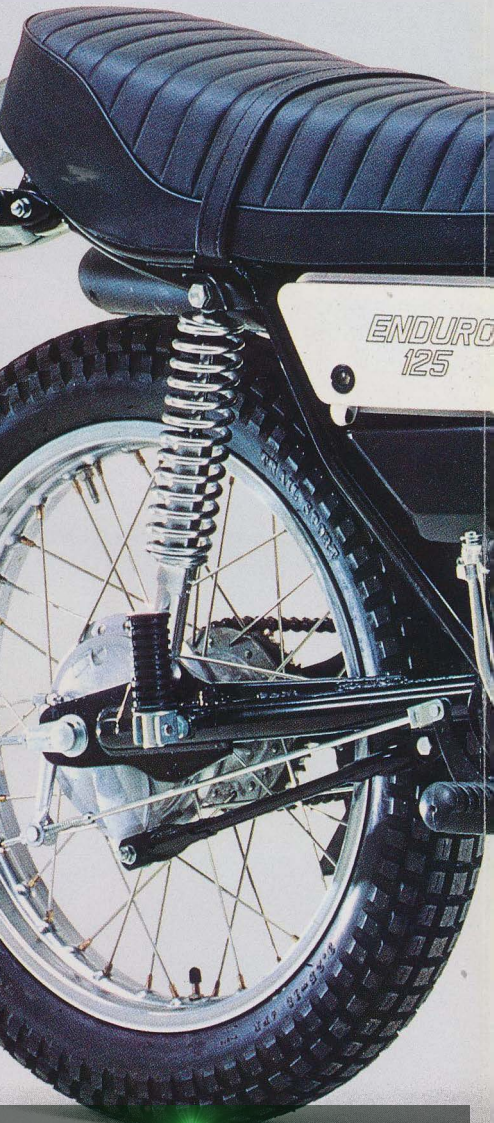
The muffler is routed up from the center of the engine and tucked under the seat in order to maintain the overall slender profile of the bike. This muffler is able to efficiently reduce engine noise without appreciably affecting the high performance characteristics of the engine.

Seat

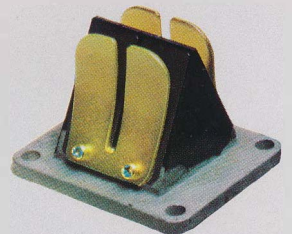
Built comfortable for the road, yet blended in with the bike lines to further promote the slim profile for maneuverability. Rugged to withstand the weather and the varying conditions of the trail, this seat is able to maintain its handsome quality with a minimum of care.

Autolube

Autolube, YAMAHA's patented oil injection system, is controlled by the engine speed and throttle opening, regulating the supply of oil from the separate oil tank to suit the driving conditions at all times, resulting in great economy and a more efficient, cleaner running engine.

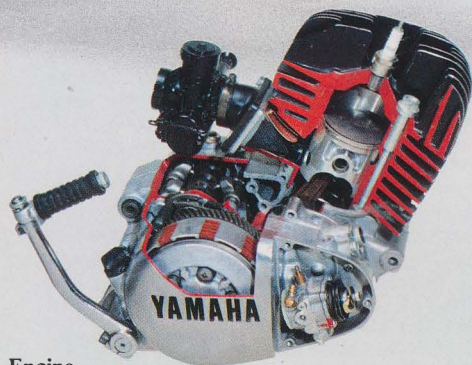


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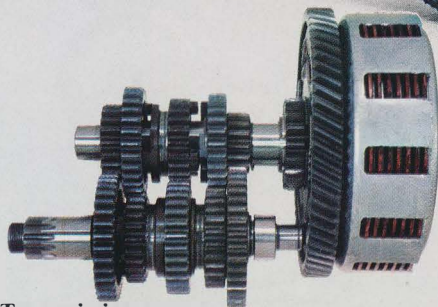


V-type Reed Valve

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.



Engine
For both on-the-road and off-the-road travel, the powerful, 2-stroke, single-cylinder engine features Torque Induction to obtain more torque in the lower and medium speed ranges thereby yielding a smooth, even response over the entire operating range of the bike. Also, the engine has an aluminum cylinder with cast-iron sleeve for durability and, coupled with the efficient head-fin design, outstanding heat-dissipating characteristics for better engine operation over rugged trails.



Transmission
Incorporating gear ratios which allow an adequate overlap in between ranges in order to maintain a power reserve for acceleration, the 5-speed transmission features positive operation for smoother bike performance and easier handling. Also, the gears are subjected to special heat treatment, yielding exceptionally hard bearing surfaces for longer durability even under repeated hard use.

Tires
Selected especially to give maximum traction under off-the-road conditions, these tires feature a heavy-duty, multi-ply rating and a knobby design. Also, they are able to withstand the shocks and impacts from jumping and hill climbing while being able to maintain good stability for excellent control.

Drum Brake
Utilizing YAMAHA's unique labyrinth-seal, double-ridge design, this 130-mm dia. drum brake is not affected by wet or dusty surface conditions. Also, the shoe area is constructed for optimum contact so that maximum control is maintained without grabbing. With this brake, controlled stops are assured even under emergency conditions.

Designed for tough trail use



The DT125 Trail bike by YAMAHA features engineering developments that were originated from the data obtained from some of the world's most formidable motocross and road-race tracks. This data, coupled with YAMAHA's traditional quality craftsmanship, has given the DT125 super-smooth response over the entire power band, rugged ability to take the roughest jumps, and fantastic stability and control through such YAMAHA-oriented designs as the quick and efficient 2-stroke, Torque Induction engine, high-tensile-strength motocross-type frame and waterproof-dustproof brakes, to name just a few.

Designed especially for road and trail use, the DT125 has a positive-action, constant-mesh, 5-speed transmission with plenty of overlap between ranges for a minimum of shifts over any given terrain, plus an operational range that stretches from walking speeds to highway cruising. Easy to handle and smooth riding; ideal for women too as a fun way to travel where the excitement is.

SPECIFICATIONS

PERFORMANCE

Min. turning radius 2,100 mm

ENGINE

Type 2-stroke, Torque Induction, Single

Displacement 123 cc

Bore & Stroke 56 x 50 mm

Compression ratio 6.7 : 1

Max. horsepower

(S.A.E. net) 13.5 bhp @7,000 rpm

Max. torque 1.38 kg-m @6,500 rpm

Lubrication system Autolube

Starting system Primary kick

Transmission 5-speed gearbox

DIMENSIONS

Overall length 2,020 mm

Overall width 860 mm

Overall height 1,090 mm

Wheelbase 1,340 mm

Min. ground clearance 255 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

* Specifications subject to change without notice.



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