

# DT175C YAMAHA TRAIL



**YAMAHA**  
It's a way of life.

[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

## Built to answer the call of the trail

The world of trail riding is as varied as there are remote places where nature has worked her magic in creating breathtaking beauty. Simply being able to view this splendor is wealth in itself, and with the aid of a YAMAHA Trail, this ability is broadened manifold. The DT175C Trail is an outstanding example of YAMAHA's engineering excellence with its Torque Induction® all-aluminum cylinder head engine, highly durable construction and ease of operation.

For trail or open-road travel, the DT175C offers an experience in quality riding.



### DT175C

#### PERFORMANCE

Max. speed range .....	107 km/h plus
Climbing ability .....	32 degrees
Min. turning radius .....	2,100 mm
Min. braking distance .....	15 m @ 50 km/h

#### ENGINE

Type .....	2-stroke, 7-port, Torque induction, Single
Displacement .....	171 cc
Bore & Stroke .....	66 x 50 mm
Compression ratio .....	6.6 : 1
Max. torque .....	1.65 kgm @ 6,000 rpm
Lubrication system .....	Autolube
Starting system .....	Primary kick starter
Transmission .....	5-speed gearbox

#### DIMENSIONS

Overall length .....	2,050 mm
Overall width .....	860 mm
Overall height .....	1,090 mm
Wheelbase .....	1,350 mm
Min. ground clearance .....	255 mm

WEIGHT (NET) .....

FUEL TANK CAPACITY .....

OIL TANK CAPACITY .....

TIRES front .....

rear .....

COLORING .....

French Blue



Chappy Green

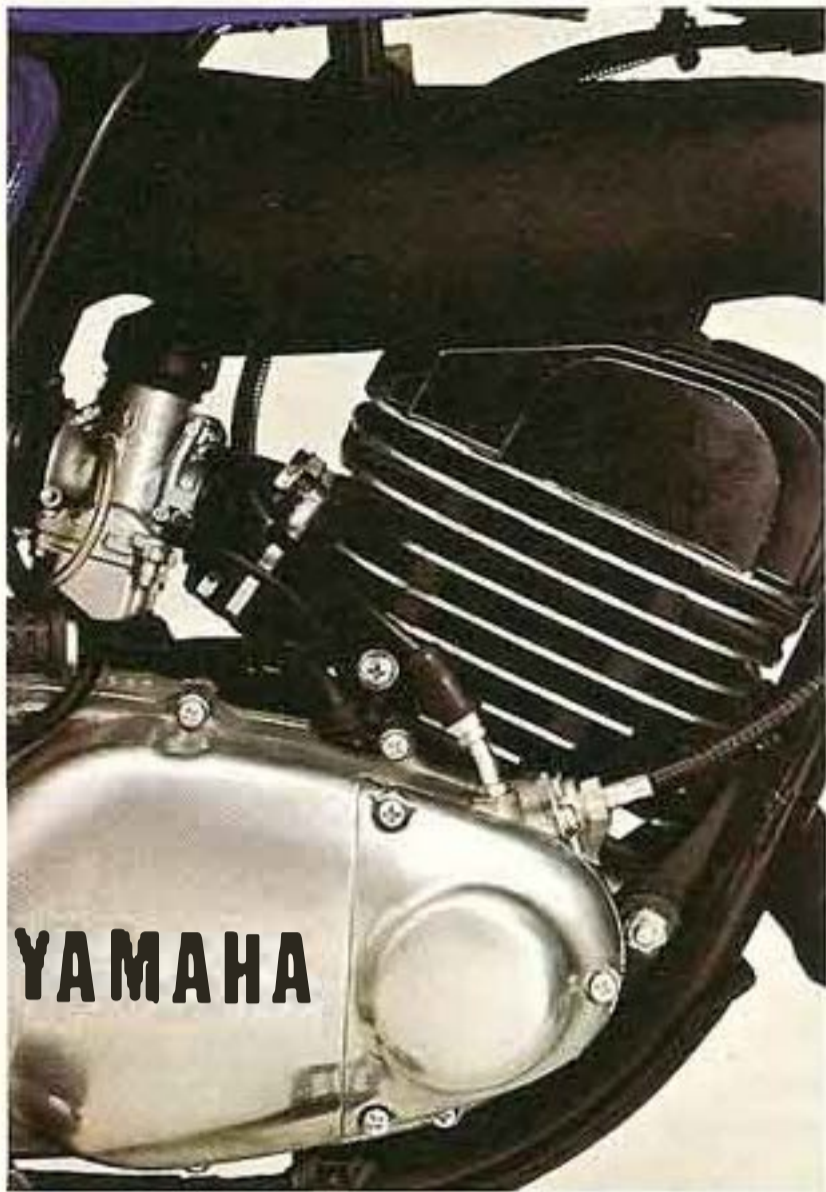


French Blue

\* Specifications subject to change without prior notice.

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# Features



## Engine

The bike is powered by a 2-stroke, 7-port Torque Induction® single engine which is able to develop ample power for cruising down an open road or over a rugged trail. The piston and connecting rod material is lighter this year to reduce engine vibration and reduce overall engine noise, and the head fins have been changed to increase the engine's heat-dissipating ability.

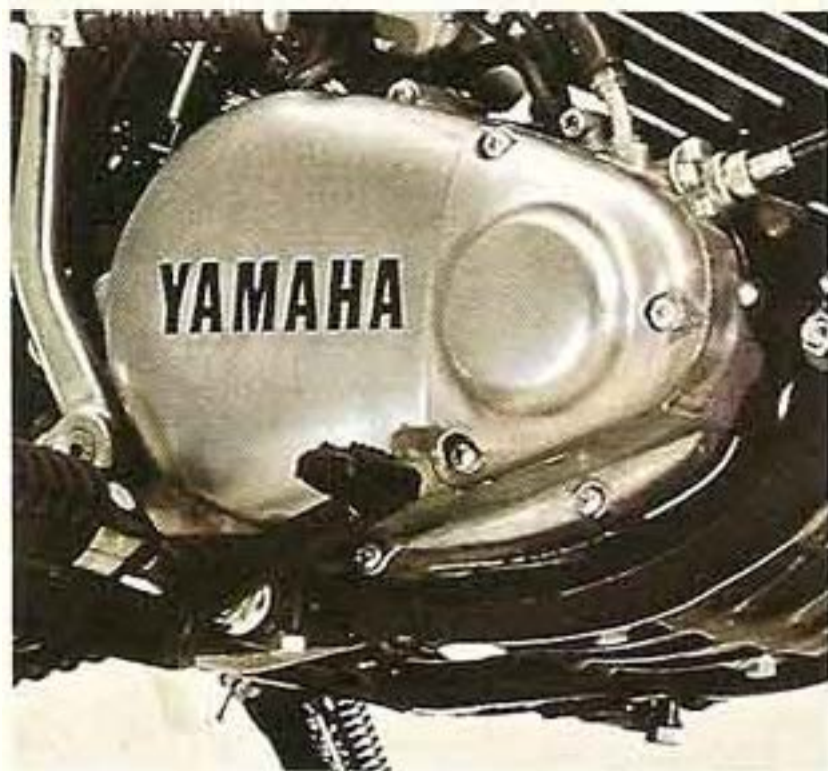
## Torque Induction®

To give the engine increased torque over the lower- and middle-speed ranges, YAMAHA developed the exclusive Torque Induction® reed-valve intake system. This system, by making use of a unique porting arrangement, assures that burned gases are completely purged from the engine and that fresh fuel is positively supplied on demand.



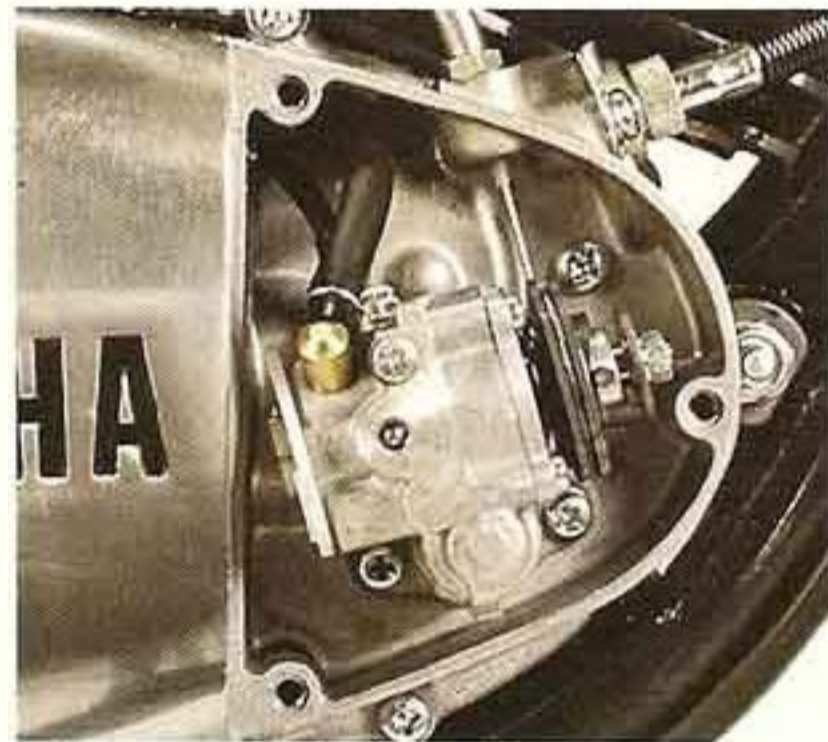
## Frame

The rugged double-cradle frame is a uniquely welded design which makes the most use of triangular shapes; essentially one of the most structurally strong geometrical forms known to man. Utilizing high-tensile-strength tubular steel, the frame is able to withstand the stresses, strains and impact shocks that occur when riding over a rough trail in order to assure the bike will have lasting durability.



## Transmission

The constant-mesh 5-speed transmission has been thoroughly engineered for positive operation and a wider range of speeds for less shifts. Constructed of specially tempered tool steel, all components in the transmission are built to exacting tolerances to assure that the transmission will be durable under the roughest use and that the operation will be smooth and easy for the lifetime of the bike.



## Autolube

Optimum engine operation for a 2-stroke bike depends almost directly on the fuel mixture of gasoline and oil. In order to assure top performance under all operating conditions, YAMAHA developed the exclusive Autolube system for their Trail machines. This system monitors engine operation and precisely supplies oil, from a separate tank, to be mixed with the gas for cleaner burning, more efficient engine performance.



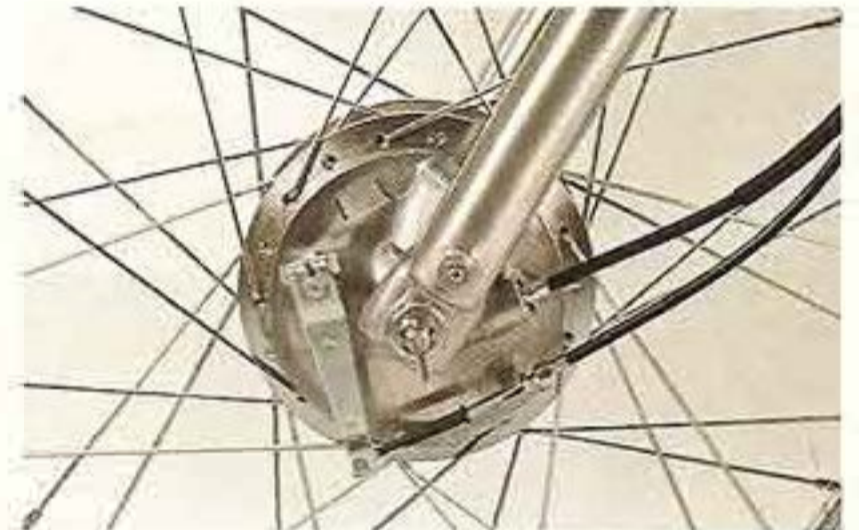
## Speedometer and Tachometer

For any high-performance engine, such as those on the YAMAHA Trail machines, speedometer and tachometer are essential in obtaining peak performance. The precision speedometer and tachometer on the Trail bikes are placed high where they can be monitored at a glance, and they are shock-mounted to assure lasting durability.



## Front forks and high-rise front fender

The top choice among dirt riders is enduro type front forks, and YAMAHA answers this choice by utilizing enduro front forks on all of their Trail machines. These front forks are well-noted for their ability to absorb the roughest road shocks while maintaining optimum stability. And to assure trouble-free operation, the durable front fender is mounted high with sufficient clearance to prevent clogging by mud or brush.



## Brakes

A great deal of the art of good trailing centers around the correct balance between the use of the throttle and the use of the brakes. The YAMAHA Trail machines have brakes that are unaffected by either water or dust, and they are designed not to grab or lock up. All stops are controlled and smooth, even under emergency conditions.



## Rear shock absorbers

To assure that the Trail bike better follow the contour of the road or trail, the rear shock absorbers have been relocated slightly forward and at a different angle. This new installation position yields an increased stroke for the shocks so that when the riding becomes rough, the rear wheel will be less likely to rise off the ground. Also with these shocks, stability is assured without reducing the comfort characteristics of the bike.



# YAMAHA



SINCE 1887

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