

DT175



 **YAMAHA**

The inexhaustible. Have something in reserve. With the YAMAHA that has performance to spare.

Born on a motocross track, raised on the road, the DT175 is the bike that won't give up, won't even tire. Push it hard over the meanest tracks you know and it still purrs contentedly. Open it up on a stretch of smooth road and it responds happily.

You're not a motocross rider? Fact is, most DT175 owners aren't, for quite a few it's their first bike, but it can't hurt to have a machine that will do both things.

Some day you might need it.





SPECIFICATIONS

PERFORMANCE

Max. speed range	107 km/h plus
Climbing ability	32°
Min. turning radius	1.995 m
Min. braking distance	15 m @ 50 km/h

ENGINE

Type	2-stroke, 7-port Torque Induction, Single
Displacement	171 cc
Bore & Stroke	66×50 mm
Compression ratio	6.1 : 1
Max. horsepower (S.A.E. net)	16 hp @ 7,500 rpm
Max. torque	1.65 kg-m @ 6,000 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Transmission	5-speed gearbox

DIMENSIONS

Overall length	2,040 mm
Overall width	880 mm
Overall height	1,055 mm
Wheelbase	1,325 mm
Min. ground clearance	235 mm

WEIGHT (NET)..... 98.6 kg

FUEL TANK CAPACITY..... 7.0 lit.

OIL TANK CAPACITY..... 1.2 lit

TIRES front 2.75-21-4PR

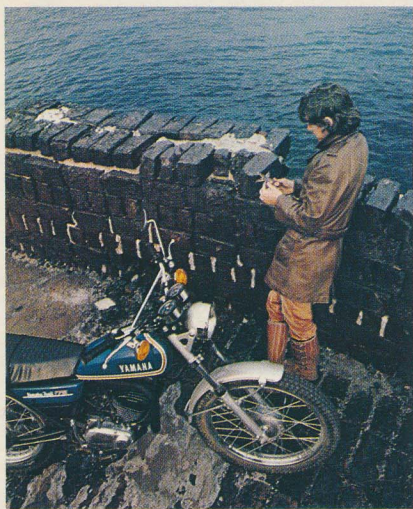
rear..... 3.50-18-4PR

* Specifications subject to change without notice.

YAMAHA, It's a way of life.

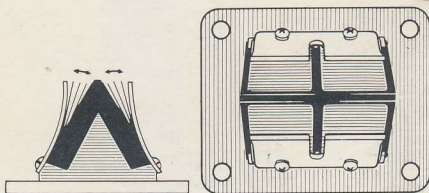
Engine

The unique design of the DT175 two-stroke engine, developed by YAMAHA, utilizes the exciting seven-port Torque Induction system. The important seventh port functions both as an intake and scavenging port, increasing vital engine breathing. With this superb system, the throttle responds instantly over the low and medium rpm ranges as well as at high rpm. Like the outstanding YAMAHA GRAND PRIX machines, the instant throttle response gives you faster acceleration for a quick get-away.



V-type reed valve

The DT175 V-type reed valve is just one more key development supporting YAMAHA's remarkable Torque Induction system. Two special stainless-steel reed valves provide an instant response to negative pressure from the cylinder, eliminating blow-back to the carburetor at low speeds.



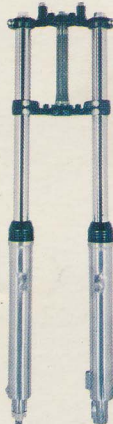
Autolube

YAMAHA's two-stroke engines are lubricated by a separate, unique system called Autolube. With Autolube, the amount of oil fed into the high performance DT175 engine is regulated by throttle action. This precision engineered system saves you oil and lengthens the life of your engine.

Front forks and rear shock absorbers

The telescopic front forks, incorporating a spring-and oil-damper design, are the same as those used on the YAMAHA Motocross machines. Due to the exacting cushion stroke, a maximum amount of impacts can be absorbed. Outstanding maneuverability is assured.

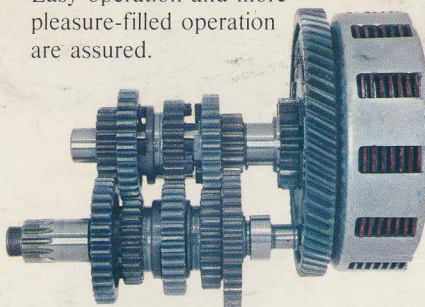
The rear shock absorbers are a five-step change-over construction which allows the rider to adjust the tension according to the road conditions.



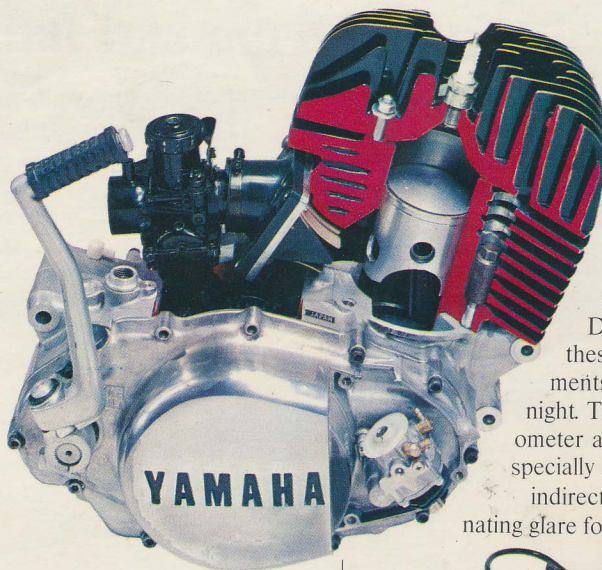
Transmission

This machine utilizes a short-shift-stroke, constant-mesh, 5-speed transmission which yields quick, positive control. The gear ratios are appropriate from dirt riding to open-road riding, making full use of the powerful engine.

Easy operation and more pleasure-filled operation are assured.

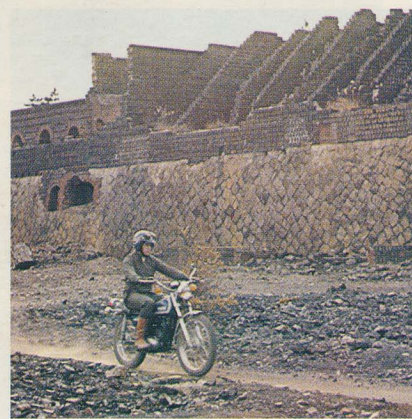


Speedometer and Tachometer
YAMAHA's conveniently mounted speedometer and tachometer allow the DT175 rider to read these important instruments at a glance, day or night. The precision speedometer and tachometer are specially designed to utilize indirect lighting, eliminating glare for night riding.



Frame

The frame is a high-tensile-strength, double-cradle construction. This frame, which is used on the YAMAHA Motocross machines, is able to withstand the twisting and shock forces encountered from the worst road.

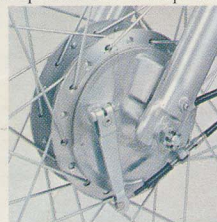


Knobby tires

The knobby tires assure a firm grip on all types of roads, transferring full engine power. Positive-traction riding can be enjoyed both on the road and off.

Brakes

The brakes are waterproof and dustproof due to YAMAHA's special double-ridge safety design. These brakes are noted for their long-lasting performance.



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SINCE 1987

