

# YAMAHA RD50M



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# Tiny but tough! The Yamaha RD50M

The little RD50M is Yamaha's smallest sportster and though it's tiny...it's tough too!

Putting all of Yamaha's racing experience to work in a scaled-down package, the RD50M has all the attributes of the bigger sporting machines.

True motorcycle hydraulic front forks and a big front disc brake, duplex cradle frame with hydraulic rear suspension, Torque Induction and Autolube, a five speed gearbox and sporty slimline styling set off to perfection by Yamaha's famous "speed block" motif.

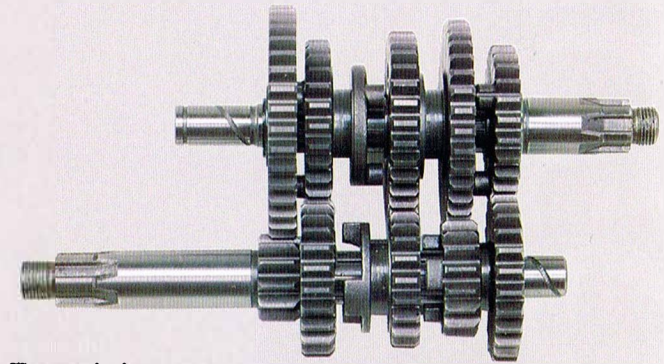
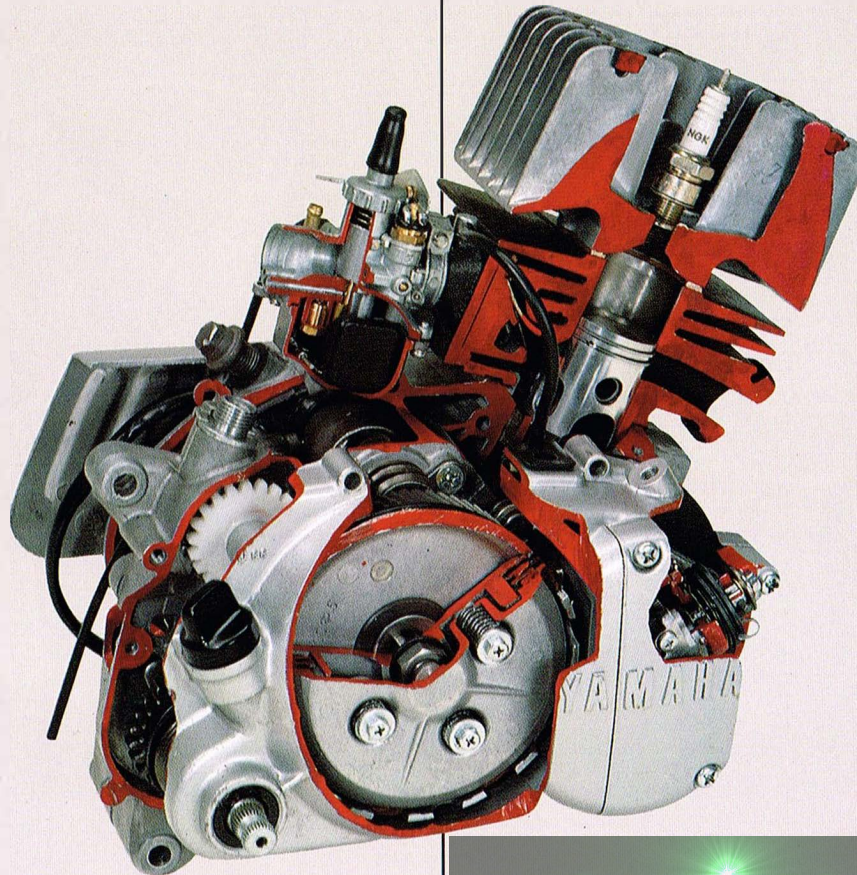
Economical, easy to handle but still an exciting little performer, the RD50M is an ultra-lightweight that's ALL motorcycle!

## Engine

The single cylinder two-stroke engine features the same Torque Induction that is used on Yamaha's giant 750cc Grand Prix machines and used for exactly the same reasons .....good, smooth horsepower and clean carburation throughout the rev range.

Lubrication is handled by Yamaha's famous Autolube system that pressure feeds oil to the motor via a throttle-controlled pump.

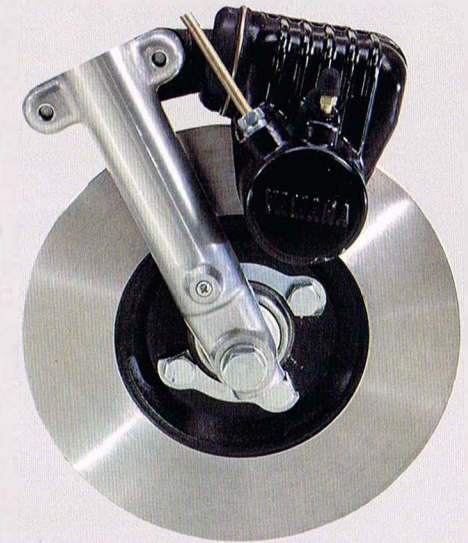
As the rider opens the throttle, a linked cable also operates the oil pump. The advantages are twofold. Firstly the engine gets always exactly the correct amount of oil...never too little and never too much. And secondly, the days of messy pre-mixing of oil and gasoline are gone forever!



## Transmission

You will have no trouble keeping the zippy little RD50M engine right up on the power band thanks to a five speed transmission.

A multi-plate clutch handles the hard work that any small capacity, high performance engine demands of its clutch while geared primary drive contributes to overall reliability of the power unit.



## Disc Brake

The RD50M is one of the safest of all ultra-lightweights thanks to the fact that it is engineered in true motorcycle fashion despite its small size.

Typical of Yamaha's thinking in this respect is the use of a big 203 mm hydraulic disc brake at the front.

**D50M is the smallest sportster.**



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## SPECIFICATIONS

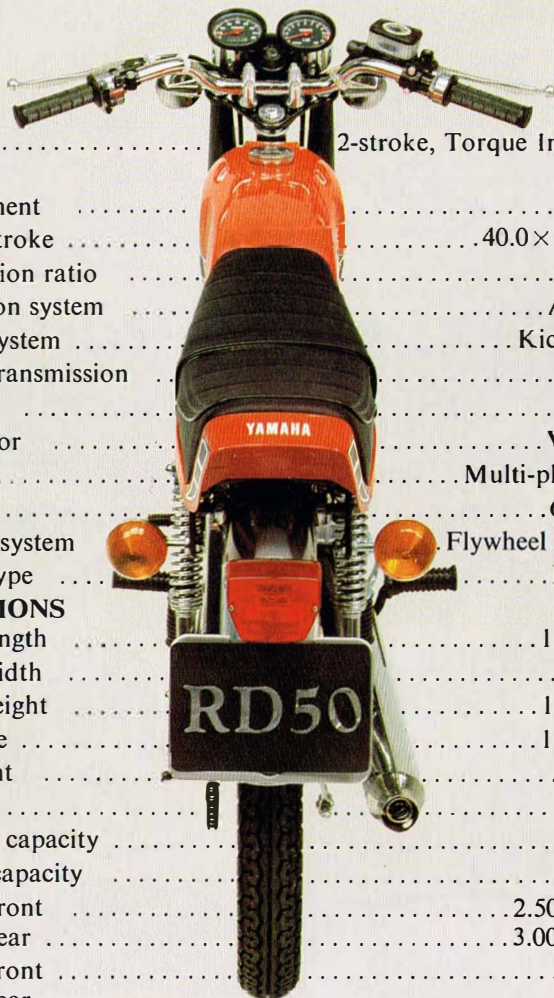
### ENGINE

Type .....	2-stroke, Torque Induction, Single
Displacement .....	49 cc
Bore & Stroke .....	40.0 × 39.7 mm
Compression ratio .....	6.8:1
Lubrication system .....	Autolube
Starting system .....	Kick starter
Primary transmission .....	Gear
Gear Box .....	5-speed
Carburettor .....	VM16SH
Clutch .....	Multi-plate, Wet
Battery .....	6V, 4AH
Charging system .....	Flywheel magneto
Ignition type .....	Magneto

### DIMENSIONS

Overall length .....	1,870 mm
Overall width .....	775 mm
Overall height .....	1,010 mm
Wheelbase .....	1,200 mm
Seat height .....	760 mm
Weight .....	79 kg
Fuel tank capacity .....	8.0 lit.
Oil tank capacity .....	1.0 lit.
Tires front .....	2.50-18-4PR
rear .....	3.00-18-6PR
Brakes front .....	Disc
rear .....	Drum

\* Specifications subject to change without notice.



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