

# YAMAHA RD50MX



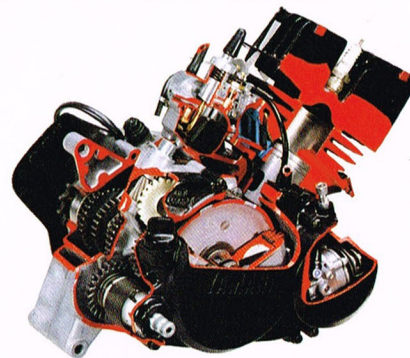


# YAMAHA RD50MX—More power more style

Big bike feel, big bike style and big bike performance, that's what we set out to achieve with the RD50. The all new engine was developed to provide sharp, snappy acceleration and tireless cruising using Yamaha's patented Torque Induction system to aid economy and clean running. The deep finned barrel and piston ensures the high performance engine maintains an efficient working temperature whilst Autolube lubrication provides a constant supply of clean oil at all engine speeds. The advanced chassis technology developed from Kenny Roberts' racing programme was employed to produce the fine taut handling demanded by today's discerning young motorcyclist. Monoshock rear suspension controlled by a single de-carbon type damper and long travel front forks. Throughout the project stylists worked alongside the engineers to produce the exciting lines. Sleek, smooth tank, racy matt black expansion exhaust and neat practical headlamp cowl proclaim the RD50 as the finest sports lightweight available.





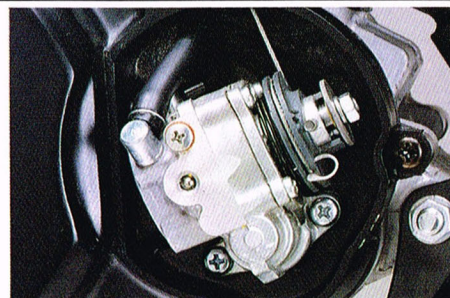


### ENGINE

Yamaha is the biggest producer of two stroke engines in the world, with 25 years of development by Yamaha on the race track and road. Featuring a reed valve inlet the engine on the RD50MX is torquey and responsive in all conditions.

### SUSPENSION

Suspension on the RD50MX is Yamaha's Monoshock system, just like on our factory racers, featuring a single shock absorber and a strong triangulated swinging arm which gives the bike excellent handling and increases rider comfort.



### OILPUMP

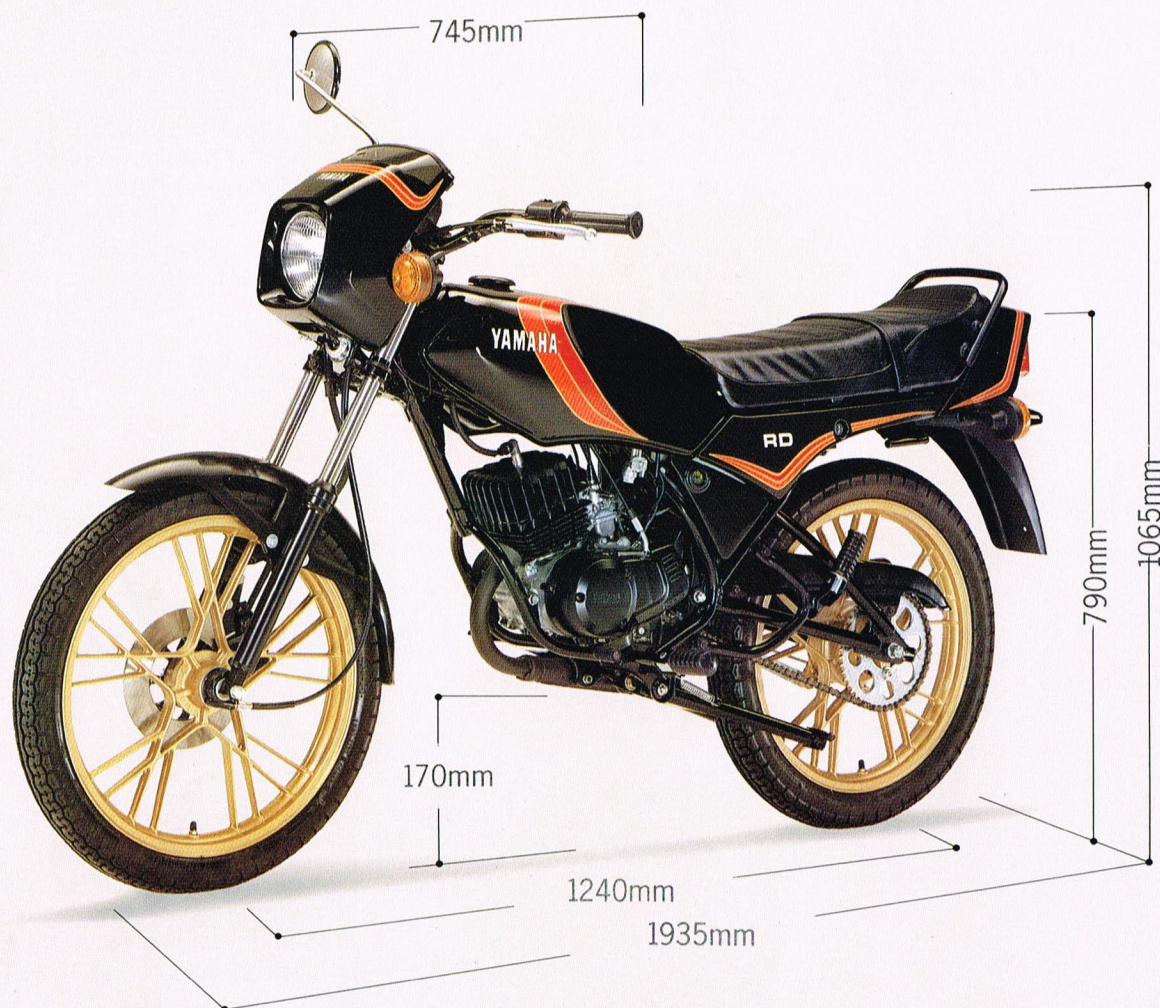
Another feature on the RD50MX is the Yamaha Autolube lubrication system. A small pump ensures exactly the right amount of lubricant is fed to the engine from the oil tank, increasing engine life and reliability.

### INSTRUMENTS

A stylish instrument console features a speedometer, rev. counter and mileage recorder as well as neutral, oil and indicator warning lights protected by a sleek cowling.







## SPECIFICATION

### ENGINE

Type	2 stroke, reed valve
Cylinder	Single
Displacement	49cc
Bore and stroke	40 x 39.7mm
Compression ratio	6.6 : 1
Max. horsepower	2.9hp 5500rpm
Max. torque	0.40kg-m 4000rpm
Lubrication	Yamaha Autolube
Starting	Primary kick
Ignition	Flywheel magneto
Transmission	5-speed

### CHASSIS

Overall length	1935mm
Overall width	745mm
Overall height	1065mm
Wheelbase	1240mm
Ground clearance	170mm
Seat height	790mm
Weight	82kg
Fuel tank capacity	13.0 litres
Oil capacity	1.3 litres

### Tyres

Front	2.50-18-4PR
Rear	2.75-18-4PR

### Brakes

Front	Disc
Rear	Drum



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