



**YAMAHA RD200**



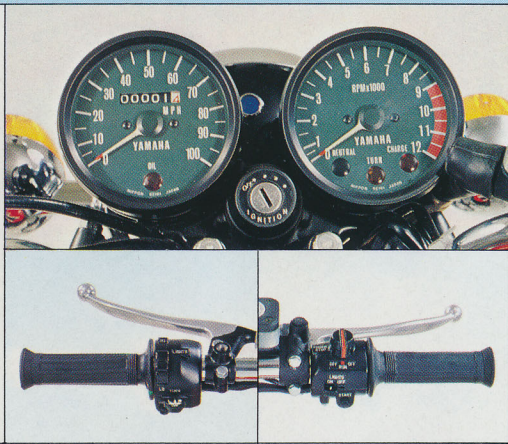
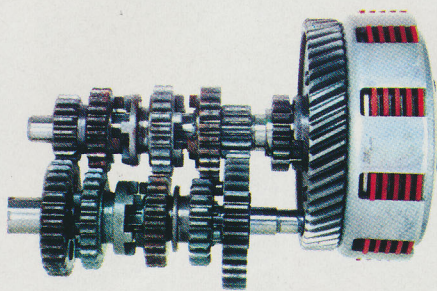
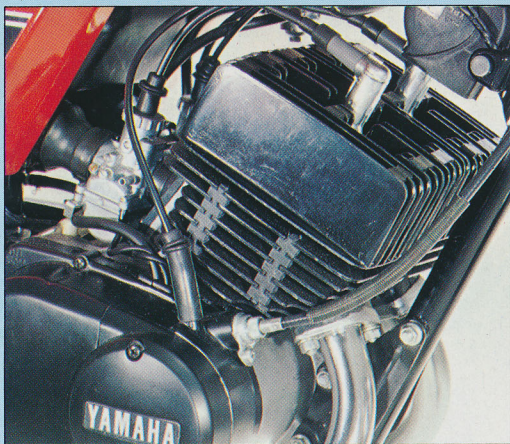
# Smart, Efficient and Enjoyable

This year's RD200 sparkles at the head of the lightweight field. Diamond sharp styling, performance characteristics that provide safe, quiet traffic usage or a touring capability that gives the rider economical open road travel at minimal cost with instant and zestful acceleration.

Yamaha engineers have perfected this twin cylinder masterpiece of advanced two-stroke technology. Torque in-

duction, seven port aluminium cylinders with cast in iron sleeves and a solid power band from tickover to the maximum 9,000 r.p.m., make the RD200 not just a sensible choice but the well balanced choice for the discerning rider.

A 5-speed gearbox, electric starter and hydraulic disc front brake will always confirm that the choice was right.



## Engine

Superb Yamaha two-stroke twin with proven record of long life, minimal service requirements and smooth clean power delivery throughout its speed range. Yamaha's patent Autolube pump mechanism feeds clean undiluted oil to the engine to aid efficient lubrication while seven port aluminium cylinder barrels and deep finned cylinder heads ensure cool running.

An instantly responsive engine with twin 20-mm carburetors, reed valve controlled torque induction, a swept displacement of 195-cc and a full 20 b.h.p. fired into action with the electric or kick start systems fitted, provide the RD200 with the luxury specification of a Superbike in a lightweight, easy to handle concept. The efficient exhaust and induction silencing systems fitted have been designed to allow the engine to produce all its power without causing offence at any speed.

## 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.

## Transmission

Slick easy gear shifting of race standard is guaranteed with rugged 5-speed system incorporated to match the power characteristics of the engine. Design computer selected gear ratios allow a power and acceleration reserve in every gear. The gear drive primary transmission runs in oil and the heavy duty five friction plate clutch can take every punishment that the use of a multi-purpose motorcycle can give.

## Frame and Suspension

The tough tubular high tensile steel frame for the RD200 was designed by the same team who produced the frames for Yamaha's world-beating road racing motorcycles. Strong but light, it can absorb all the stresses and strains that any rider can put on it. The basis of the RD200's reputation for "on line" handling, the frame, carries a rear swinging arm suspension set-up that utilizes three position adjustable hydraulic shock absorbers. Carefully and scientifically matched with long-stroke front forks, the rear suspension dampers are styled with chrome plated springs and legs.

The front fork design reveals this Yamaha's race breeding. Progressive springing and damping provides a long controlled fork movement which aids rider comfort and cornering control. Friction free seals ensure the permanent silky smooth action over bumpy or rippled road surfaces. The right hand fork leg carries the hydraulically operated disc brake caliper for the 245-mm diameter stainless steel disc.

## Control and Comfort

Riding position is all important, along with the position, location, feel and design of controls. The RD200 with its carefully positioned and easy-to-read speedometer and precision revolution counter at either side of the ignition switch is evidence of the thought that is given not just to the machine but to you, the rider. The dual seat is wide and luxuriously padded and even its springing is tuned to match that of the machine. Sculptured to match the classical lines of the tank side panels and rear mudguard assemblies, the seat unlocks and swings laterally to reveal the battery and Autolube oil tank.

Handlebars are carefully formed for rider comfort and all controls fall within range of normal hand and finger movements to allow the rider to concentrate on the road and surrounding conditions.

Powerful lights with good main beam penetration and dip beam spread and efficient direction indicators are standard Yamaha fittings.

## 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 racing type front forks. These optimum-stroke forks are specifically designed to yield the best stability while allowing maximum manoeuvrability.

## Disc Brake

The 245 mm, large disc brake on the front wheel is hydraulically operated for maximum control with the least amount of effort. This disc brake, featuring double-piston type caliper operation, is not affected by water or dust, and it will not fade even after continuous, repeated use. Safe, controlled stops under all conditions.

## Seat

The wide seat is extra comfortable to help reduce riding fatigue when the bike is ridden continuously for long periods. Positioned for the best riding posture, the seat blends in with the dynamic lines of the machine, and for lasting durability the cover of the seat is waterproof.

## 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 indicating the rider's intentions, and the instrumentation is softly back-lighted for clear nighttime viewing.

## Speedometer and Tachometer

The overall operation and speed of the bike can be easily monitored at a glance at the large, easily-readable speedometer and tachometer. These precision instruments are shock mounted for lasting durability and are placed at an optimum location for quick viewing.

## SPECIFICATIONS

### ENGINE

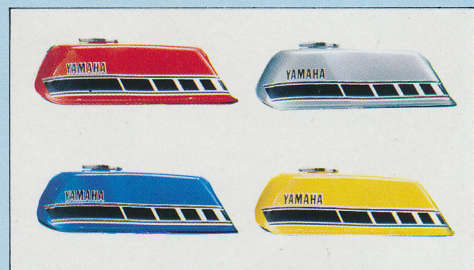
Type . . . . . 2-stroke, Torque Induction, Twin  
 Displacement . . . . . 195 cc  
 Bore & Stroke . . . . . 52 x 46 mm  
 Compression ratio . . . . . 7.1 : 1  
 Max. horsepower . . . . . 20 bhp @ 8,000 rpm  
 Max. torque . . . . . 1.9 kg-m @ 7,000 rpm  
 Max. speed range . . . . . 133 km/h  
 Lubrication system . . . . . Autolube  
 Starting system . . . . . Electrick & Primary kick  
 starter

Primary transmission . . . . . Gear  
 Final transmission . . . . . Chain  
 Gearbox . . . . . 5-speed  
 Carburettor . . . . . Y20P (x2)  
 Clutch . . . . . Multi plate, wet  
 Battery . . . . . 12V, 9AH  
 Ignition type . . . . . Battery, CB/Coil

### DIMENSIONS

Overall length . . . . . 1,945 mm  
 Overall width . . . . . 790 mm  
 Overall height . . . . . 980 mm  
 Seat height . . . . . 780 mm  
 Wheelbase . . . . . 1,240 mm  
 Weight (net) . . . . . 123 kg  
 Fuel tank capacity . . . . . 11.5 lit.  
 Oil tank capacity . . . . . 1.2 lit.  
 Tires front . . . . . 2.75-18-4PR  
 rear . . . . . 3.25-18-4PR  
 Brakes front . . . . . Hyd. disc, diam. 245 mm  
 rear . . . . . Drum

\* Specifications subject to change without notice.



# YAMAHA, It's a way of life



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SINCE 1887