

RD200DX



Roadworthiness through quality features

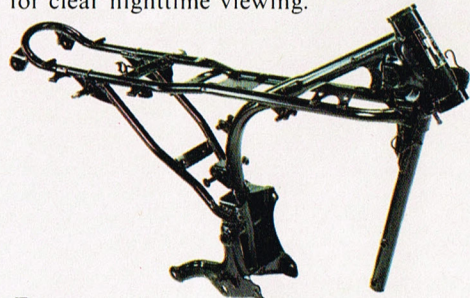


Speedometer and Tachometer

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

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



Frame

Utilizing the experience gained from the world's most demanding motocross tracks, YAMAHA has developed a lightweight, tubular-steel, single-down-tube frame that is able to give the machine an overall lower center of gravity for better maneuverability. This high-tensile-strength steel frame is designed to withstand the stresses and strains which are absorbed from the roughest of roads in order to assure long-term durability and stability.

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 race type front forks. These optimum-stroke forks are specifically designed to yield the best stability while allowing maximum maneuverability.

Rear Shock Absorbers

In order to further increase the stability of the bike, the hydraulic rear shock absorbers are designed for an optimum stroke. 3-step adjustable to compensate for load, and the design assures good surface tracking ability even while carrying widely varying loads. The exterior style of the shocks lends itself to the overall good appearance of the machine.

Starter-Generator

For further operational ease and convenience, the bike includes a highly efficient starter-generator which when activated by the starter button, quickly starts the engine, and while riding along, generates current for recharging the battery.

Seat

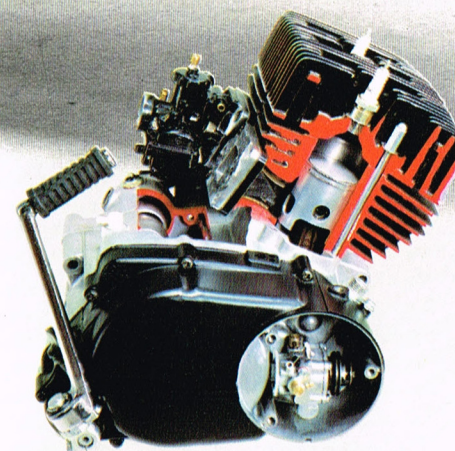
The wide seat is extra comfortable to help reduce riding fatigue when the bike is ridden continuously for long periods. Positioned for the best riding posture, the seat blends in with the dynamic lines of the machine, and for lasting durability the cover of the seat is weatherproof.

Autolube

Autolube, YAMAHA's patented oil injection system, is controlled by the engine speed and throttle opening, regulating the supply of oil from the separate oil tank to suit the driving conditions at all times resulting in great economy and a more efficient, cleaner running engine.

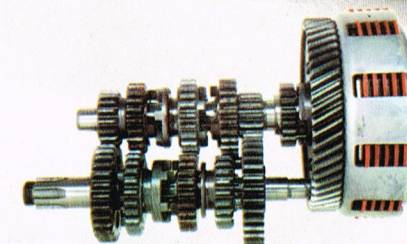
V-type Reed Valve

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.



Engine

The powerful, 2-stroke, parallel-twin engine employs YAMAHA's exclusive Torque Induction system which, by improving intake and scavenging, increases the available torque over the lower and middle speed ranges. The cylinder and head material is aluminum with cast-iron sleeves to improve heat-dissipating characteristics and further increase the overall power-to-weight ratio. Designed along the same lines as the world champion YAMAHA Grand Prix machines, this engine is highly responsive and exceptionally efficient under all operating conditions.



Transmission

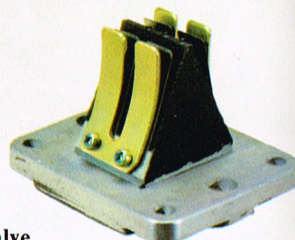
Incorporating gear ratios which allow an adequate overlap in between ranges in order to maintain a power reserve for acceleration, the 5-speed transmission features positive operation for smoother bike performance and easier handling. Also, the gears are subjected to special heat treatment, yielding exceptionally hard bearing surfaces for longer durability even under repeated hard use.

Tires

The heavy-duty, multi-ply-rated tires are exceptionally strong to withstand all road conditions. These tires are selected to allow the most efficient traction while being able to maintain maximum stability and offer excellent maneuverability.

Disc Brake

The 245-mm dia. 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.



A sound investment in economical roadability



The new RD200DX is YAMAHA's answer to the demands for a highly-maneuverable, quick-responding, medium-lightweight street machine. Powered by a 2-stroke, Torque-Induction, 7-port engine which has aluminum cylinders with cast-iron sleeves for lightweight durability, the RD200DX has impressive response characteristics over the entire power band. The flowing, dynamic lines of the bike plus its low profile yield outstanding roadability on the open highway and in the heaviest city traffic.

Features include precision tachometer and speedometer, positive-action hydraulically-operated front disc brake plus dust- and waterproof rear brake, 5-speed constant-mesh transmission and electric starter for further operating ease.

Outstanding performance in an economical package ... the new YAMAHA RD200DX.

SPECIFICATIONS

PERFORMANCE

Max. speed range 133 km/h
 Climbing ability 24°
 Min. turning radius 2,100 mm
 Min. braking distance 14 m @ 50 km/h

ENGINE

Type 2-stroke, Torque Induction, Twin
 Displacement 195 cc
 Bore & Stroke 52 x 46 mm
 Compression ratio 7.1 : 1
 Max. horsepower
 (S.A.E. net) 20 bhp @ 8,000 rpm
 Max. torque 1.9 kg-m @ 7,000 rpm
 Lubrication system Autolube
 Starting system Electric & Primary kick
 Transmission 5-speed gearbox

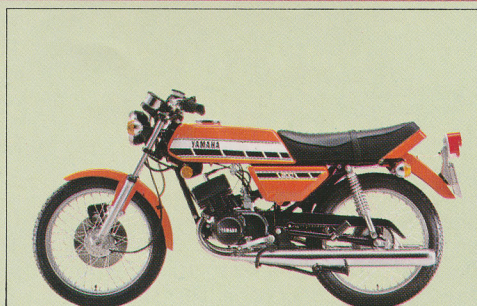
DIMENSIONS

Overall length 1,945 mm
 Overall width 790 mm
 Overall height 980 mm
 Wheelbase 1,240 mm
 Min. ground clearance 155 mm

WEIGHT (net) 123 kg
FUEL TANK CAPACITY 11.5 lit.

OIL TANK CAPACITY 1.2 lit.
TIRES front 2.75-18-4PR
 rear 3.00-18-4PR

* Specifications subject to change without notice.



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