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The 1977 RD 400...the closest

The new RD 400 like its predecessor, has evolved over the legendary Y 400's predecessor. It is powered by Yamaha's largest run-of-the-line four-cylinder engine which gives a remarkable combination of low torque fuel economy which allows smoothable pulling power at low rpm's. RD 400 has more than sufficient horsepower for commuting and the mid-range torque is more than adequate for smooth riding touring. A six speed transmission delivers better performance throughout the entire powerband.

The RD 400 handles superbly. The engine is mounted forward on the duplex cradle frame for better weight distribution. Improved suspension and lightweight, easy-to-maintain cast aluminum wheels contribute to handling excellence. Fade-resistant disc brakes, front and rear, allow quick, sure stops.

Additional RD 400 features include a new, lower seat for a more comfortable riding position and a large fuel tank for long distance touring range.

For convenience, there are self-canceling turn signals and an oil level warning light.

The 1977 RD 400. A very practical middle weight motorcycle that's practically perfect.

When you know how they're built, you'll buy a Yamaha.



...thing to a perfect motorcycle.

Torque Injection, Yamaha's intake system, utilizes reed valves to feed the engine the exact mixture of fuel and air it needs. The result is more horsepower, particularly at low rpm's.



Avalanche, another Yamaha innovation, consistently adjusts the flow of oil into the fuel mixture according to engine load and speed, contributing to increased engine life.



Full speed synchronization allows the engine to run at its most efficient speed. The start-fixture shift lever allows quick gear changes.



The brakes front and rear ensure quick stops. Front brake adjustment screw lets you set the hand lever for the exact "feel" you prefer.



Yamaha cast aluminum wheels are standard features on the RD-400. Also, five-way adjustable rear shocks can be set according to your load or the road condition.

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Full instrumentation includes oil warning lamp, fully illuminated speedometer, tachometer, and re-adjustable trip meter. Ignition key also locks accessories compartment, battery charger, front forks and gas tank. Large, sealed-beam headlight provides excellent illumination.

RD 400

ENGINE



Type	2 stroke four
Displacement	399 cc
Bore and Stroke	64 x 62 mm
Compression ratio	6.2 : 1
Maximum torque	78.7 lb.-ft. @ 6,900 rpm
Carburetor	121 Mikuni 28 mm
Ignition	Battery
Starting	Kick
Lubrication	Automatic
Transmission	6-speed

CHASSIS

Overall length	74.3"
Overall width	32.7"
Overall height	42.9"
Wheelbase	51.5"
Ground clearance	6.1"
Dry weight	342 lbs.
Fuel tank capacity	3.4 gals.
Oil tank capacity	1.9 gals.
Suspension	Telescopic forks
Front	Swing arm
Rear	Hydraulic disc
Brakes	Hydraulic disc
Front	Hydraulic disc
Rear	Hydraulic disc
Tires	3.25 x 18
Front	3.50 x 18
Rear	Red or Blue
Color	

Specifications subject to change without notice.

Someday, you'll own a Yamaha.