

Never has the invaluable experience of success in worldclass competition been more dramatically expressed in roadgoing machines than in Yamaha's new

two-strokes. The RD250 is a breakthrough in motorcycle design.

Based directly on Yamaha's TZ road racers, the RD features a liquid-cooled

piston-ported twostroke twin cylinder engine and the Yamaha monoshock system which has taken the TZ and YZR road racers to repeated world titles.

The RD has the slim, lean look of a racer. Yamaha's unique experience on the racetrack

has led to the development of a motorcycle with broad, dependable safety margins. The motorcycle that wins races is not just the fastest motorcycle.

It is, inevitably, the best handling, best braking, most stable motorcycle under the most widely varying stresses. In short, a safe motorcycle.

(Engine and gearbox) The RD250 displaces 247 cc (bore and stroke 54.0 x

54.0 mm) and develops a maximum power of 35.5 Hp at 8500 rpm. Maximum torque is (3.1 kg-m) at 8000 rpm.

The engine is a liquidcooled two-stroke twin equipped with a frontal radiator. Carburation is through twin Mikunis. Gearbox is six-speed; clutch wet multiplate; final drive by chain. (Features) The exhaust is matt-black expansion chamber style, upswept for

additional ground clearance. The wheels are new Yamaha Italic design, cast from alloy and finished in silver and matt-black. The brakes are

single disc front and waterproof, dustproof drum rear.

Instrumentation is comprehensive and includes sports tachometer and full range of warning lights. Self-cancelling indicators are fitted as standard.

The rear suspension is Yamaha's all-conquering Monoshock.

A triangulated rear sub-frame carries

the wheel, which is suspended by a long spring and shock absorber unit running under the tank to the steering head.

The system provides not only long rear-wheel travel, but more positive damping, which allows the wheel to follow more closely and more safely the variations in road surface.

The front suspen-

sion is by long travel forks equipped with non-stick Teflon bushes.



YAMAHA'S RD250: THE NEW, LIQUID-COOLED, 2-STROKE. WHAT COULD BE IMPROVED HAS BEEN IMPROVED.

