

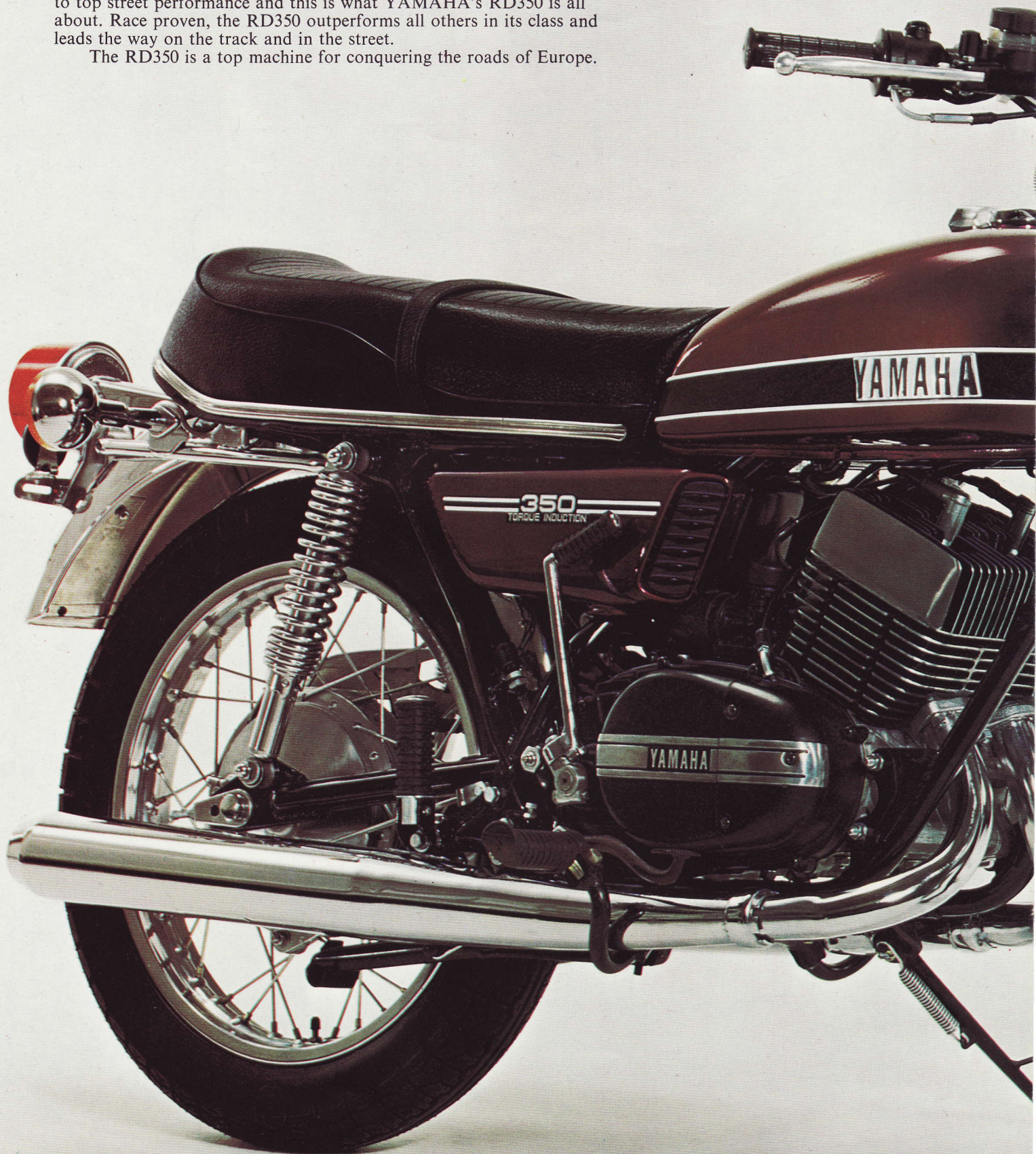
RD350



Narrow city streets, winding country roads and the open to you astride the rugged and powerful YAMAHA RD

At YAMAHA RD stands for "Race-Development" and on the world's fastest circuits YAMAHA develops better, faster and safer machines for you and your riding pleasure. Racing technology leads to top street performance and this is what YAMAHA's RD350 is all about. Race proven, the RD350 outperforms all others in its class and leads the way on the track and in the street.

The RD350 is a top machine for conquering the roads of Europe.



highway belong
350.



SPECIFICATIONS:

PERFORMANCE

Max. speed range.....160~170 km/h
Climbing ability.....28°
Min. turning radius.....2,300 mm
Min. braking distance.....14 m @ 50 km/h

ENGINE

Type2-stroke, 7-port Torque Induction, Twin
Displacement.....347 cc
Bore & Stroke.....64×54 mm
Compression ratio.....6.2 : 1
Max. horsepower (S.A.E. net).....39 hp @ 7,500 rpm
Max. torque.....3.8 kg-m @ 7,000 rpm
Lubrication system.....Autolube
Starting system.....Primary kick starter
Transmission.....5-speed gearbox

DIMENSIONS

Overall length.....2,040 mm
Overall width.....L. 780 mm H. 835 mm
Overall height.....L. 1,040 mm H. 1,110 mm
Wheelbase.....1,320 mm
Min. ground clearance.....155 mm

WEIGHT (NET).....145 kg

FUEL TANK CAPACITY.....16 lit.

OIL TANK CAPACITY.....2 lit.

TIRES front.....S 3.00-18-4 PR
rear.....S 3.50-18-4 PR

* Specifications subject to change without notice.

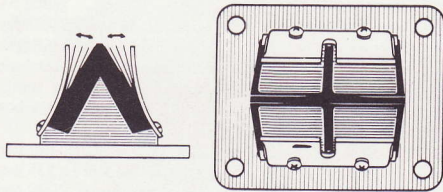
YAMAHA, It's a way of life.

Engine

The unique design of the RD350 two-stroke engine, developed by YAMAHA, utilizes the exciting seven-port Torque Induction system. The important seventh port functions both as an intake and scavenging port, increasing vital engine breathing. With this superb system, the throttle responds instantly over the low and medium rpm ranges as well as at high rpm. Like the outstanding YAMAHA GRAND PRIX machines, the instant throttle response gives you faster acceleration for a quick get-away.

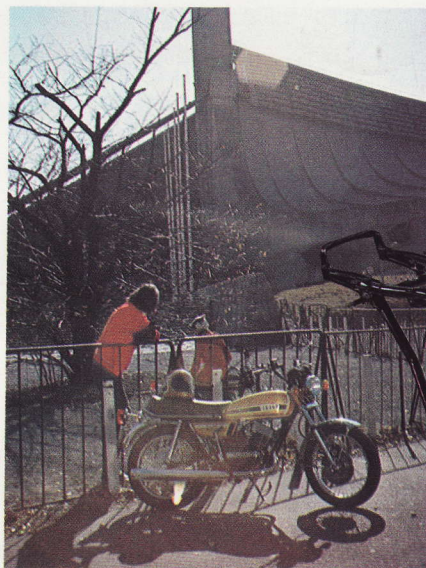
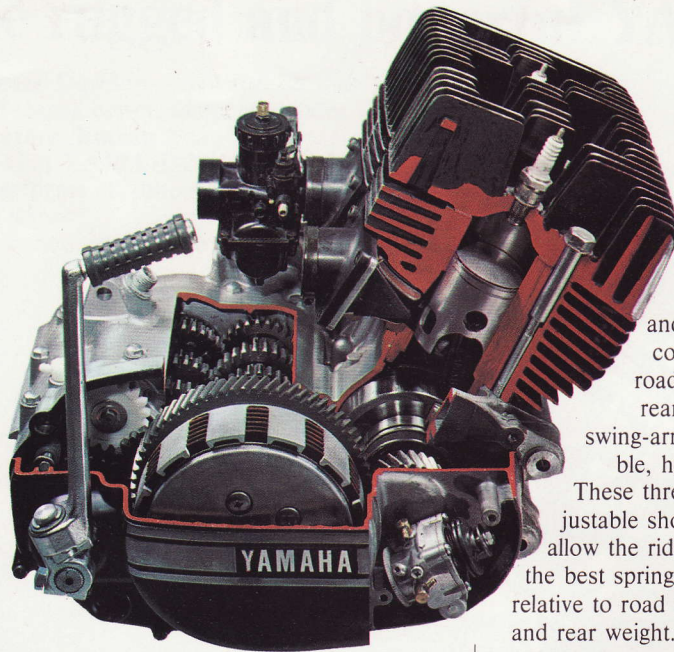
V-type reed valve

The RD350 V-type reed valve is just one more key development supporting YAMAHA's remarkable Torque Induction system. Two special stainless-steel reed valves provide an instant response to negative pressure from the cylinder, eliminating blow-back to the carburetor at low speeds.



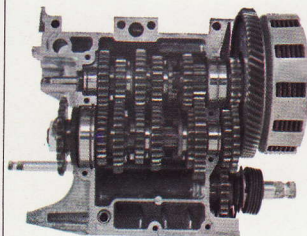
Autolube

YAMAHA's two-stroke engines are lubricated by a separate, unique system called Autolube. With Autolube, the amount of oil fed into the high performance RD350 engine is regulated by throttle action. This precision engineered system saves you oil and lengthens the life of your engine.



Transmission

The RD350 uses a five-speed, constant mesh transmission which effectively utilizes engine power at all speeds. Gears two, three four and five are close ratio for consistent high performance.

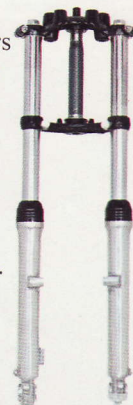


The short gear-change stroke of the RD350's five-speed transmission makes fast shifting simple and easy.

Front forks and rear shock absorbers

Exciting telescopic, oil damped front-forks are standard equipment on the RD350. The spring and oil damper are specially combined to smooth out all road shocks and bumps. The rear suspension consists of a swing-arm combined with adjustable, hydraulic shock absorbers.

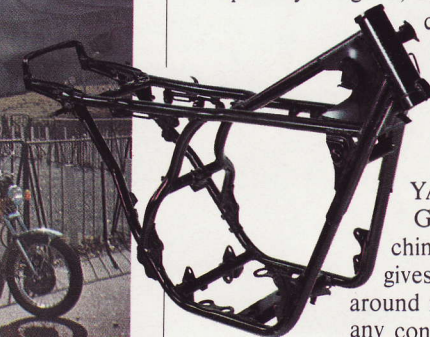
These three-step, adjustable shock absorbers allow the rider to choose the best spring tension relative to road conditions and rear weight. The race-proven, rear suspension provides maximum stability on the open highway or along twisting country roads.



Frame

Built around the RD350's high performance engine is a specially designed, double-

cradle frame. Light in weight and constructed from high-tensile tubular steel, it's the same kind of frame used on YAMAHA's winning GRAND PRIX machines. Its sturdy design gives you outstanding all around road-holding under any conditions.

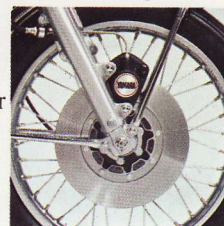


Speedometer and Tachometer

YAMAHA's conveniently mounted speedometer and tachometer allow the RD350 rider to read these important instruments at a glance, day or night. The precision speedometer and tachometer are specially designed to utilize indirect lighting, eliminating glare for night riding.

Brakes

Braking at a touch is easy, and at high speed safe, with the RD350 special double-piston hydraulic, front disc brake. The RD350's tough rear brake is a single-leading shoe which provides guaranteed stopping power. For your own personal comfort on the RD350, the front brake lever is adjustable to fit your hand and the rear brake pedal is adjustable to your foot.



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