

RD350



GRAND PRIX PERFORMANCE IN A SUPER-SPORTS STREET BIKE.

One look at its racy low styling and tough engine blackness will turn heads in awe. Then give the RD350 a sporting rider and a twisty canyon road, and the machine comes alive.

This liquid-cooled, two-stroke lightweight missile offers the same acceleration, the same high-revving performance and the same race-proven reliability found in Grand Prix Yamahas.

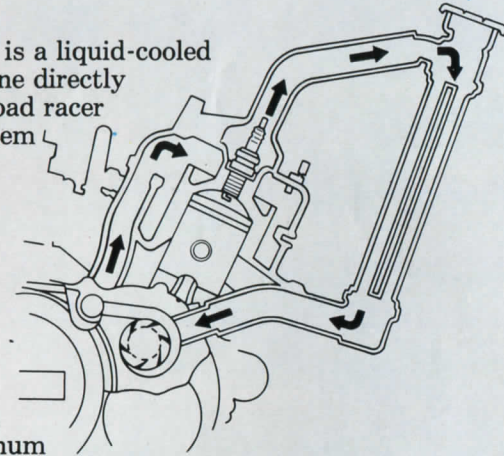
Even with all its power, this motorcycle handles with amazing control. Its lightness, its narrow engine and short wheelbase, combined with exceptional ground clearance make the RD350 superbly agile and incredibly fast and easy to turn. The bike seems to balance itself.

A Transistor-Controlled ignition fires the engine with a hotter spark. And the close ratio, smooth, competition-type 6-speed transmission system is perfectly matched to the RD's power band. Shifts are short and crisp, with a positive feel.

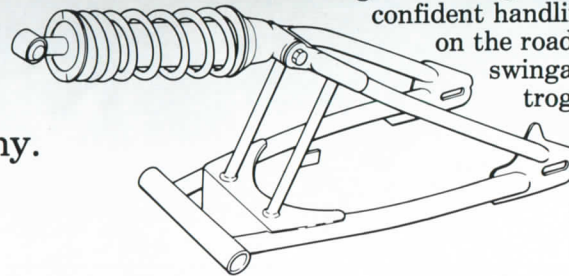
And the RD's fuel consumption averages a surprising 5.9L per 100 km or 48 miles per Imperial gallon*. This coupled with a 16 litre fuel tank provides you with good range and astonishing economy.

The Yamaha RD350. With Monoshock and liquid cooling. And all the technological tradition of the Yamaha TZ road racing series. Here at last to bring you Grand Prix performance—on your very own Super Sports Street machine.

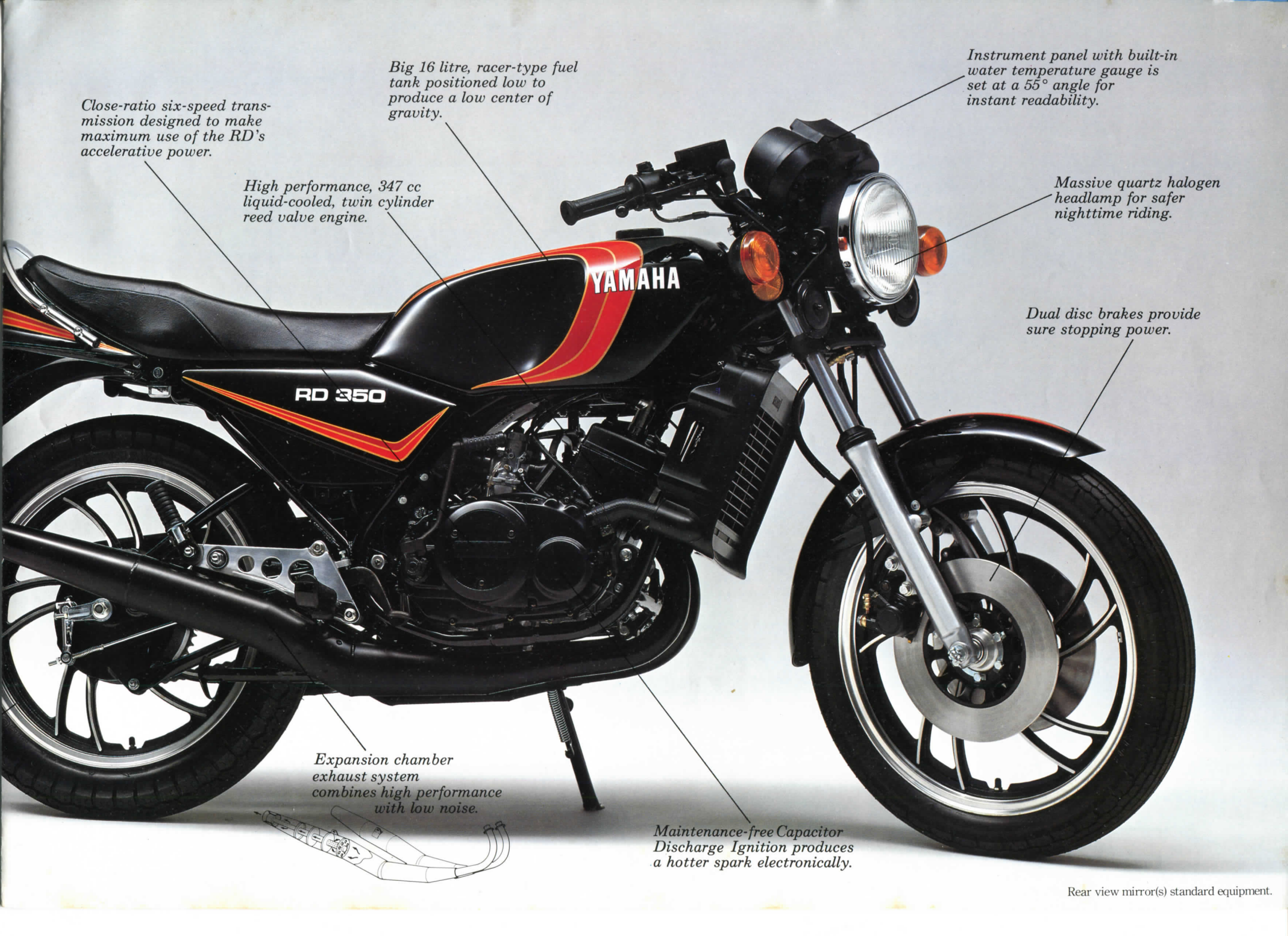
At the heart of the RD350 is a liquid-cooled two-stroke twin cylinder engine directly adapted from Yamaha's TZ road racer series. The liquid cooling system is revolutionary in achieving peak horsepower output and less power fade while prolonging engine life. It dampens engine noise and vibration. It's lightweight and compact to ensure minimal effect on the excellent handling of the motorcycle. And a large hood guards the lightweight aluminum radiator. Coolant is pumped through the system, efficiently cooling the twin cylinders and their integrated head. You get more power at the beginning of a hard ride, retention of power longer through the ride, so you can enjoy the maximum power of this machine from start to finish.



The RD350 is the first super-sports machine to offer Yamaha's proven Monoshock rear suspension. The system utilizes all the advanced technology developed under the punishing conditions of motocross, and road racing, yet has been tuned and engineered to give the super-sports enthusiast confident handling, stability and comfort on the road. It utilizes a triangular swingarm and a pressurized nitrogen gas/oil shock absorber. Its spring preload is five way adjustable to suit the rider's weight and road conditions.



Spiral cast-alloy wheels are lighter, yet every bit as strong as conventional cast wheels.



Close-ratio six-speed transmission designed to make maximum use of the RD's accelerative power.

Big 16 litre, racer-type fuel tank positioned low to produce a low center of gravity.

High performance, 347 cc liquid-cooled, twin cylinder reed valve engine.

Instrument panel with built-in water temperature gauge is set at a 55° angle for instant readability.

Massive quartz halogen headlamp for safer nighttime riding.

Dual disc brakes provide sure stopping power.

Expansion chamber exhaust system combines high performance with low noise.



Maintenance-free Capacitor Discharge Ignition produces a hotter spark electronically.

Rear view mirror(s) standard equipment.



RD350J SPECIFICATIONS

ENGINE

Type Liquid cooled, Reed-valve,
2-stroke, twin

Displacement 347 cc

Bore and Stroke 64.0 × 54.0 mm

Compression Ratio 6.2 : 1

Maximum Torque 29.7 ft.-lbs.
(4.1 kg-m) @ 8,000 rpm

Carburetion Mikuni VM26 (2)

Ignition CDI

Starting Primary kick

Lubrication Autolube

Transmission 6-speed

CHASSIS

Overall Length 81.9" (2,080 mm)

Overall Width 29.5" (750 mm)

Overall Height 42.9" (1,090 mm)

Wheelbase 53.7" (1,365 mm)

Ground Clearance 6.5" (165 mm)

Seat Height 30.9" (785 mm)

Dry Weight 315.3 lbs. (143 kg)

Fuel Tank Capacity 3.6 Imp. gals.
(16.5 l)

Oil Tank Capacity 1.4 Imp. gts. (1.6 l)

Suspension

Front Telescopic forks

Rear Swing arm with Monoshock

Brakes

Front Dual disc

Rear Drum

Tires

Front 3.00S × 18

Rear 3.50S × 18

Coloring New Yamaha Black

*Mileage based on Cycle Canada test results,
April 1981.

Because of our ongoing efforts to make
Yamaha motorcycles even better, specifications
are subject to change without notice.

STEINBACH AIRCOOLED SERVICE (1974)

BOX _____ STEINBACH, MAN.

PH. 326-9397

YAMAHA
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