

# RS100



KAUFFMAN'S CYCLE GARAGE  
R. MAX KAUFFMAN, Owner

[www.legends-yamaha-motors.com](http://www.legends-yamaha-motors.com)





With the price of gasoline constantly rising, your best investment is a machine that gets plenty of miles to the gallon. Without a doubt, that machine is Yamaha's new single-cylinder RS100.

The engine of this machine is fitted with Torque Induction, Yamaha's exclusive reed

valve intake system, that gives you consistently dependable performance at the low to medium speeds of city traffic, yet smooth power delivery for accelerating along the open road.

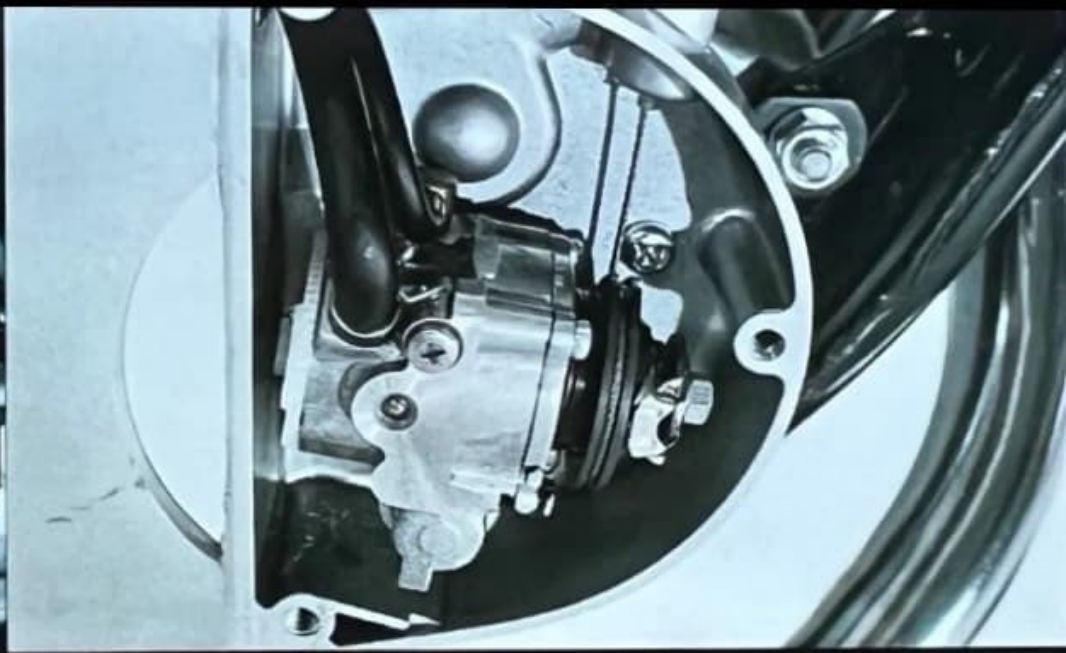
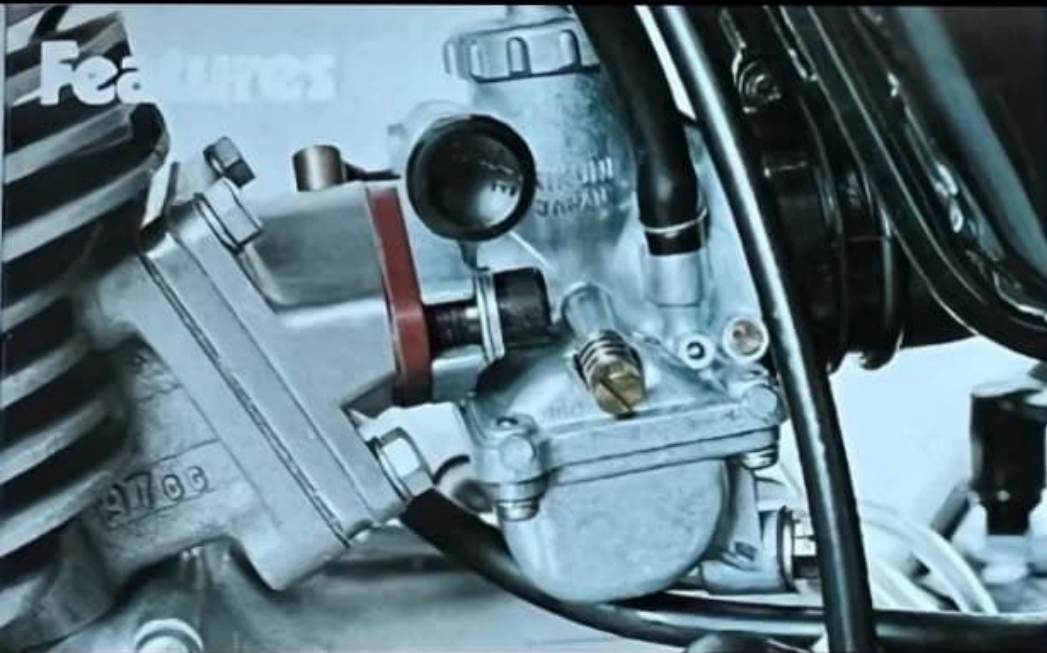
The new double-cradle tubular frame has the rigidity needed to make your ride as

comfortable and safe as possible. And the front and rear brakes are water and dust resistant.

The RS100 takes you where you want to go. Economically. And trouble-free.

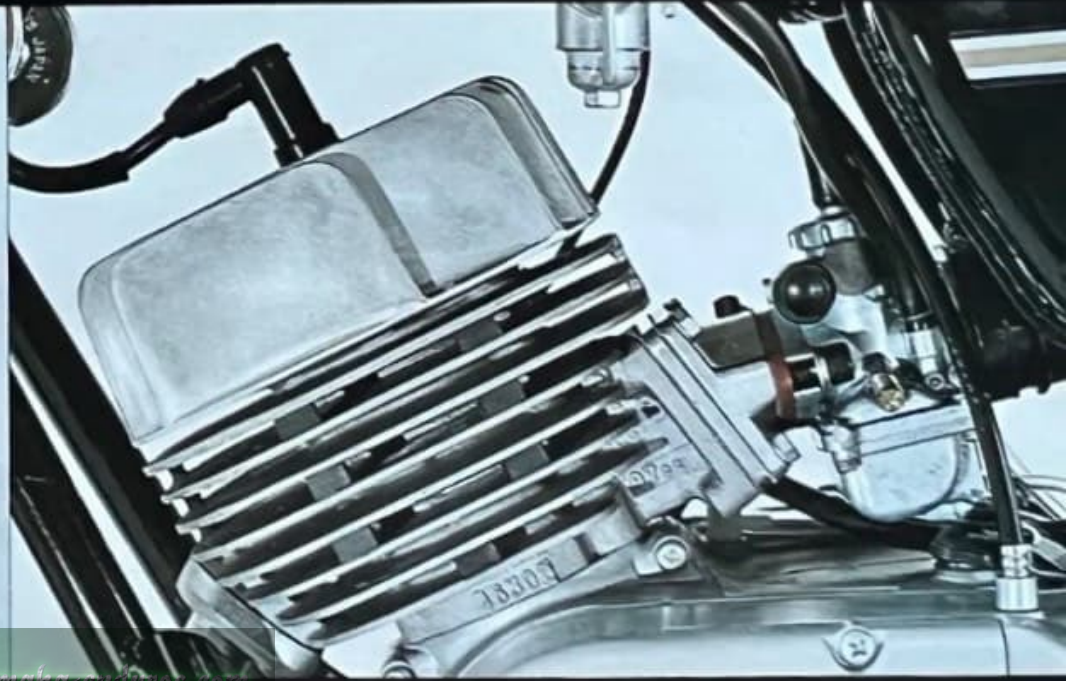
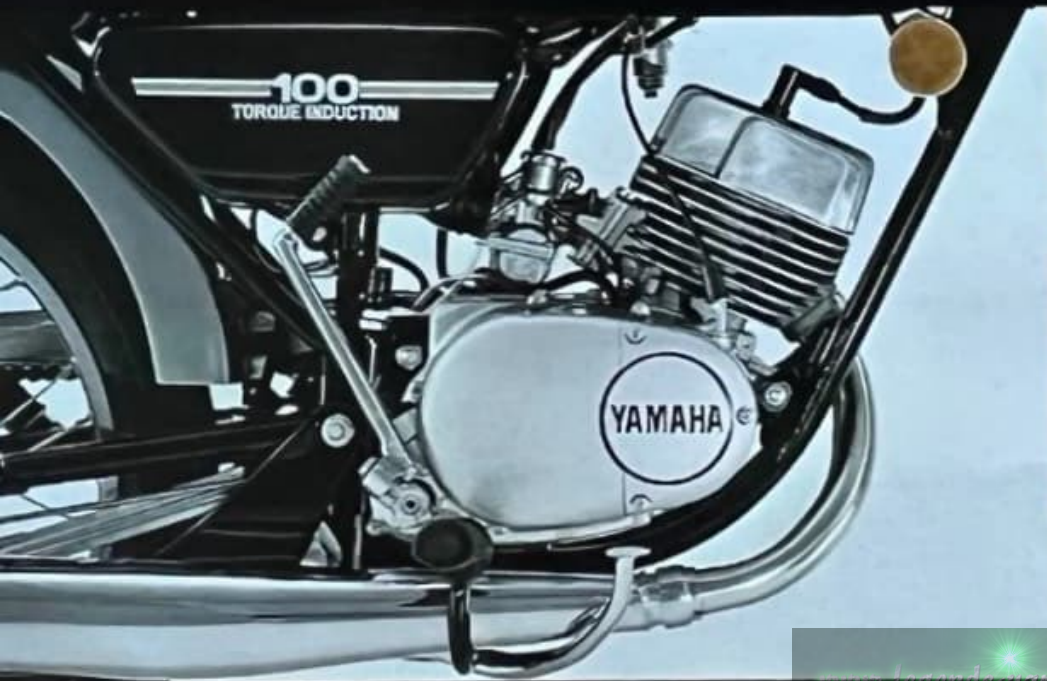


# Features



**Torque Induction.** Yamaha's unique intake system, utilizes a reed valve to feed the engine the exact amount of fuel and air it needs. The result is that horsepower is increased, particularly at low rpm's.

**Autolube<sup>®</sup>** a feature on most Yamaha two-stroke engines, automatically injects oil into the fuel mixture, eliminating the need for premixing. And, since it adjusts the flow of oil to engine load and speed, it extends engine life.



**New double-cradle tubular frame** gives this machine improved rigidity for a smoother, safer, more comfortable ride.

**Single cylinder engine design** for greater economy of maintenance.





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### RS100B

#### PERFORMANCE

Max. speed range ..... 68 mph  
 Min. turning radius ..... 78.7 in.  
 Min. braking distance ..... 24.6 ft. @22 mph

#### ENGINE

Type ..... 2-stroke, Torque Induction, Single  
 Displacement ..... 97 cc (5.92 cu. in.)  
 Bore & Stroke ..... 2.047 x 1.795 in.  
 Compression ratio ..... 6.8:1  
 Max. torque ..... 7.0 ft.-lb. @7,000 rpm  
 Lubrication system ..... Autolube®  
 Starting system ..... Primary kick starter  
 Ignition system ..... Flywheel Magneto  
 Transmission ..... 5-speed gearbox

#### DIMENSIONS

Overall length ..... 73.2 in.  
 Overall width ..... 31.9 in.  
 Overall height ..... 40.7 in.  
 Wheelbase ..... 47.2 in.  
 Min. ground clearance ..... 5.9 in.

#### FUEL TANK

Capacity ..... 2.4 U.S. gal.

#### OIL TANK

Capacity ..... 1.59 U.S. qts.

#### TIRES

Front ..... 2.50-18-4PR  
 Rear ..... 2.75-18-4PR

\* Specifications subject to change without prior notice.

**Someday,  
 you'll own a Yamaha.**

YAMAHA MOTOR CO., LTD. JAPAN  
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