

# YB100



# THE YAMAHA YB100—SIMPLE AND STRAIGHTFORWARD.

Hidden beneath the smart, modern appearance of the Yamaha YB100 is an old-fashioned virtue . . . simplicity. Everything about this neat little utility lightweight has been made easy to operate, easy to handle and easy to maintain.

Not that the YB100 lacks many of the technical innovations made famous by Yamaha over the years. Zippy performance via rotary valve induction and precise automatic oiling are both featured on the basically simple, 97cc two-stroke, single cylinder engine.

Designed very much with the short-journey commuter in mind, the YB100 has deep mudguards to ward off road splashes, a chain guard to keep lubricant off the rider's clothes and rocker-pedal gearchanging to keep the shine on his shoes.

Comfort, cleanliness and crisp performance, all in a single economical package . . . the Yamaha YB100.

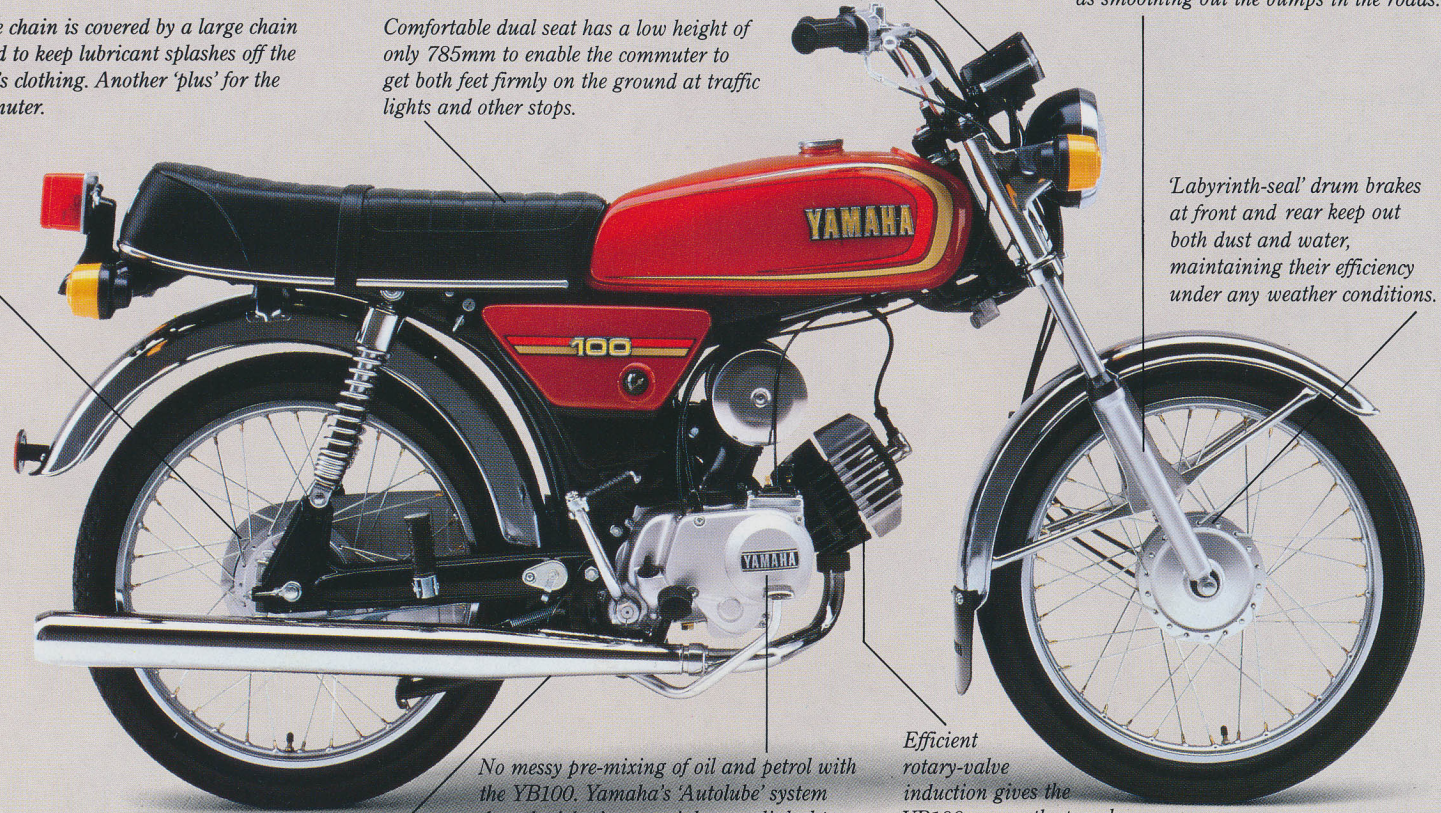
Drive chain is covered by a large chain guard to keep lubricant splashes off the rider's clothing. Another 'plus' for the commuter.

Comfortable dual seat has a low height of only 785mm to enable the commuter to get both feet firmly on the ground at traffic lights and other stops.

Simple, easy-to-read instrument console includes all essentials for riding: speedometer, odometer, oil warning lamp, indicator lamps for gearbox neutral, high beam and turn signal, plus main ignition switch.

Telescopic front forks and swinging arm rear suspension are both hydraulically damped. This combination gives confidence-inspiring roadholding as well as smoothing out the bumps in the roads.

'Labyrinth-seal' drum brakes at front and rear keep out both dust and water, maintaining their efficiency under any weather conditions.



The four-speed transmission features a 'rocker' type shift pedal. All gearchanging can be done with the sole of the foot or the heel, thus protecting the rider's footwear.

No messy pre-mixing of oil and petrol with the YB100. Yamaha's 'Autolube' system does the job via a special pump linked to the throttle, delivering exactly the right amount of oil at any throttle opening. Oil level in the 1.2-litre tank can be checked at a glance through the built-in sight glass.

Efficient rotary-valve induction gives the YB100 a smooth spread of power across the rpm range. Good low-down torque is an aid to inner-city commuting, while the 97cc two-stroke single can still cruise respectably at highway speeds. Large-capacity air filter and exhaust silencer keep noise levels way down.

## YB100 SPECIFICATIONS

### ENGINE

Type	2-stroke, rotary valve, single
Displacement	97 cc
Bore and stroke	52.0 × 45.6 mm
Compression ratio	6.5:1
Max. power (DIN)	9.8 PS (7.2 kW) @8,000 rpm
Max. torque (DIN)	0.89 kg-m (8.7 Nm) @5,500 rpm
Lubrication	Autolube
Carburation	Mikuni VM20SC
Ignition	Flywheel magneto
Starter system	Kick
Fuel tank capacity	8.6 l
Oil tank capacity	1.2 l
Transmission	4-speed
Final transmission	Chain drive

### CHASSIS

Overall length	1,850 mm
Overall width	735 mm
Overall height	1,035 mm
Seat height	785 mm
Wheelbase	1,180 mm
Min. ground clearance	140 mm
Dry weight	84 kg
Suspension	Front . . . . . Telescopic forks Rear . . . . . Swing arm
Brakes	Front . . . . . Drum Rear . . . . . Drum
Tyres	Front . . . . . 2.50-18 Rear . . . . . 2.50-18

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