

# YB100



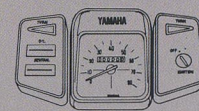
# THE YAMAHA YB100—SIMPLE AND STRAIGHTFORWARD

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.



Simple, easy-to-read instrument console includes all essentials for riding: speedometer, odometer, oil warning lamp, neutral and turn indicators and ignition switch.

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 silencers keep noise levels way down.

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 condition.



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. A big safety feature for in-town riding.

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

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

The four-speed gearbox 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.

## YB100 SPECIFICATIONS

<b>ENGINE</b>	
Type . . . . .	2-stroke, rotary valve, single
Displacement . . . . .	97cc
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
Carburetion . . . . .	VM20
Ignition . . . . .	Flywheel magneto
Starter system . . . . .	Kick
Fuel tank capacity . . . . .	8.6 l
Oil capacity . . . . .	1.2 l
Transmission . . . . .	4-speed
Final transmission . . . . .	Chain drive

<b>CHASSIS</b>	
Overall length . . . . .	1,850 mm
Overall width . . . . .	735 mm
Overall height . . . . .	1,035 mm
Seat height . . . . .	785 mm
Wheelbase . . . . .	1,180 mm
Ground clearance . . . . .	140 mm
Dry weight . . . . .	84 kg
Suspension Front . . . . .	Telescopic forks
Rear . . . . .	Swing arm
Brakes Front . . . . .	Drum
Rear . . . . .	Drum
Tyres Front . . . . .	2.50-18-4PR
Rear . . . . .	2.50-18-4PR

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

