

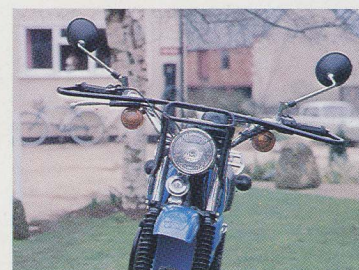


YAMAHA
AG100

AG100 YAMAHA

The Yamaha AG100 is entirely new from the wheels up. Built to give farmers a safer, surer and faster mode of transport over all types of country in all seasons, this rugged machine is being presented for the first time in the United Kingdom and is a culmination of experience gained from a long line of specialised Yamaha agricultural motorcycles which have been used through-

out the world wherever the terrain demands the utmost from man and machine. Yamaha are confident that no other motorcycle has been more specifically designed for all types of agricultural use. The following design features show the AG100 as a genuine piece of agricultural machinery, not just a modified road motorcycle.



SPECIFICATIONS

Engine

Type	2-stroke, 7-port Torque Induction, single
Displacement	97cc
Bore & stroke	52 x 45.6mm
Compression ratio	6.6 : 1
Max. horsepower	8.5 hp @ 6,250 rpm
Max. torque	0.98 kg-m @ 6,000 rpm (9.6 Nm @ 6,000 rpm)
Lubrication system	Autolube
Ignition system	C.D.I.
Starting system	Primary kick starter
Transmission	5-speed gearbox

Dimensions

Overall length	2,110mm (83.07 ins)
Overall width	930mm (36.61 ins)
Overall height	1,080mm (42.52 ins)
Seat height	800mm (31.50 ins)
Wheelbase	1,315mm (51.77 ins)
Ground clearance	235mm (9.25 ins)
Dry weight	99 kg (218.26 lbs)
Fuel tank capacity	11.0 litres (2.42 gals)
Oil tank capacity	1.5 litres (2.6 pints)
Tyres front	2.75-19-4PR
rear	3.50-18-4PR

Performance

Climbing ability	30°
Min. turning radius	2,060mm (81.10 ins)

- 1 An engine kill switch gives instant cut-out in an emergency.
- 2 Large carriers on both front and rear provide plenty of space for heavy loads.
- 3 The compact petrol tank allows comfortable knee grip over rough country.
- 4 A large capacity air cleaner gives added protection of engine and carburettor.
- 5 The tough plastic resin mudguards fitted are non-corrosive and easy to clean.
- 6 The 97cc, 7-port, Torque Induction engine, designed to stand up to the toughest use, supplies astounding low-end torque and fast response at all r.p.m. An aluminium alloy cylinder and head are used for rapid cooling.
- 7 The semi-double cradle frame is designed to provide greater rigidity, longer wheelbase and lighter weight.
- 8 Leading axle front forks and inclined rear suspension give longer travel, thus ironing out bumps and enabling extra control over rough terrain.
- 9 Both the front and rear brakes are sealed against water, dust, mud and dirt.

- 10 A large flywheel magneto and special AC regulator assure a stable current. C.D.I. (Capacitor Discharge Ignition) provides reliable sparking and does not need maintenance or adjustment.
- 11 Bottom location of neutral adds to the overall safety and simplicity of the machine's operation.
- 12 A more comfortable and more controlled ride is achieved with the lower seat position.
- 13 The large capacity oil tank reduces the refill frequency.

- 14 A tool box, located under the rear carrier, provides plenty of room for an extra spark plug and tools.
- 15 The exhaust pipe and silencer are shielded to minimise the risk of accidental burns.
- 16 The chain is completely enclosed to protect both it and the rider.
- 17 Specially designed tyres with strengthened shoulders which, even in the event of a puncture, may still be temporarily ridden on, are fitted as standard.
- 18 All exposed parts are carefully arranged to minimise damage.
- 19 The 'snail-cam' chain adjuster enables rapid take up of slack.
- 20 A stand to each side provides surer support on varying surfaces.
- 21 Total rider support is achieved by strong and wide foot rests.

