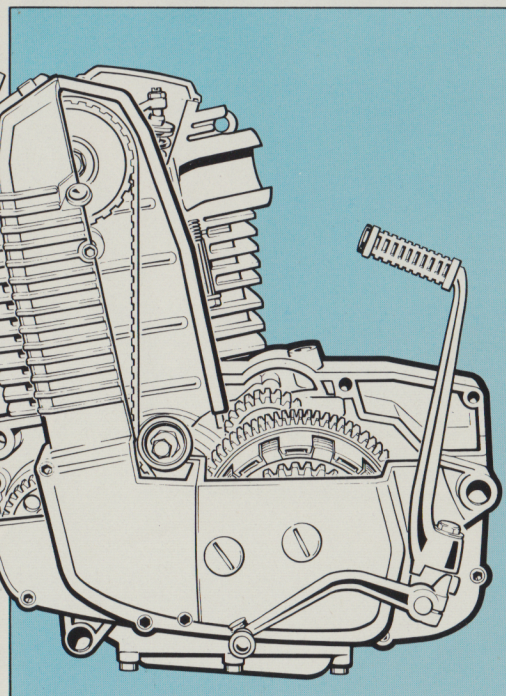
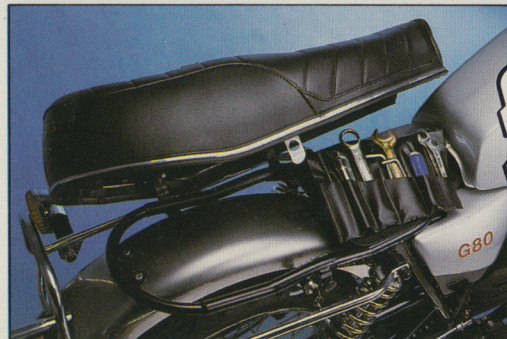
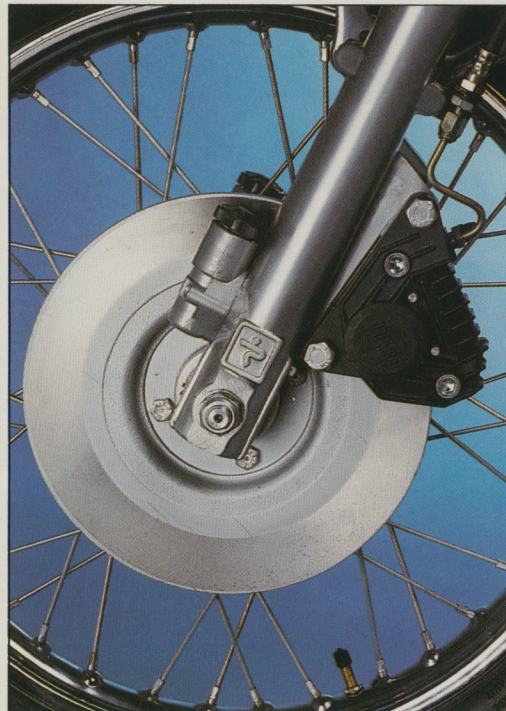


Matchless





Technical Specification

ENGINE

Single cylinder, 4 stroke, air cooled, single overhead camshaft, timing driven by toothed belt, single balance shaft, integrated 5 speed gearbox. Light alloy crankcase, cylinder barrel and cylinder head.

Bore	89mm
Stroke	79.4mm
Displacement	494 cc
Compression Ratio	9.2:1
Carburettor	36mm choke dia Dellorto

LUBRICATION

Dry sump. Oil is circulated by a double trochoid pump (pressure and scavenge) with a full flow paper filter in the pressure circuit.

VALVE GEAR

Four valve "Pent Roof" combustion chamber with central spark plug. The design is collision free where by the engine is safe against belt breakage.

IGNITION

Capacitor discharge fully electronic.

ENGINE GENERATOR

3 phase A/C, 12 volts/190 watts.

STARTER

Kickstarter - optional electric start.

CLUTCH

Multi-plate in oil bath.

TRANSMISSION

Integrated 5 speed gearbox.

Overall Ratios - 4.75; 5.81; 7.28; 10.40; 15.13.

CYCLE PARTS

FRAME

All steel welded with main tubes functioning as oil tank for the engine lubrication system.

REAR SUSPENSION UNITS

Hydraulic with 5 position adjustment for variable spring loading.

FORKS

Telescopic with light alloy yokes, adjustable anti-dive.

WHEELS

Wire spokes with chrome plated rims.

TYRES

Avon Roadrunner F2

Front - 410 x 19 (100/90 H19)

Rear - 425 x 18 (110/90 H18)

FRONT BRAKE

Single disc 260mm dia. with hydraulic operation, optional twin disc available.

REAR BRAKE

Drum 160mm dia., rod operation. Quickly detachable hub to facilitate rear wheel removal.

PETROL TANK

'Classic' shape, steel construction. Capacity 3.3 Imperial Gallons (15 litres).

HANDLE BARS

European or USA style as required.

TWINSEAT

Lockable side hinged twinseat with lift out tool tray located underneath.

ELECTRICAL EQUIPMENT

The battery, rectifier, voltage control unit, direction indicator flasher unit and fuse box are accessible under the lift out tool tray.

Handlebar switches are combined with the master cylinder and clutch control.

Headlamp carries 60/45 watt Halogen bulb.

EXHAUST

Two into One system via collector box into a megaphone style silencer.

INSTRUMENTS

Console grouped speedometer, tachometer, ignition switch and tell-tale lights.

DIMENSIONS

Wheel Base	1372mm (54")
Seat Height	787mm (31")
Dry Weight	150kg (330lb) Kick start version

FINISH

Black/gold detail or silver/red detail.

Polished stainless steel mudguards.

Black Seat Trim.

Black Frame.

Matchless

Matchless Motorcycles Ltd, Units 1 & 2 Silverhills Road, Decoy Industrial Estate,
Newton Abbot, Devon, TQ12 5ND, England.

Telephone: (0626) 69700/60486. Telex: 42902. Fax No: 63393

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Dealer: