



**MATCHLESS**

1  
9  
4  
7



# MATCHLESS

*Club*



MODEL  
**G3/L**

350 c.c.

*oman*

# MODELS for 1947

The manufacture of 80,000 MATCHLESS Motor Cycles during the period of the war, is an achievement of which we are justly proud.

No effort was spared to ensure that the Service rider was provided with a machine that would give the unflinching reliability so essential to his job, irrespective of the road or climatic conditions.

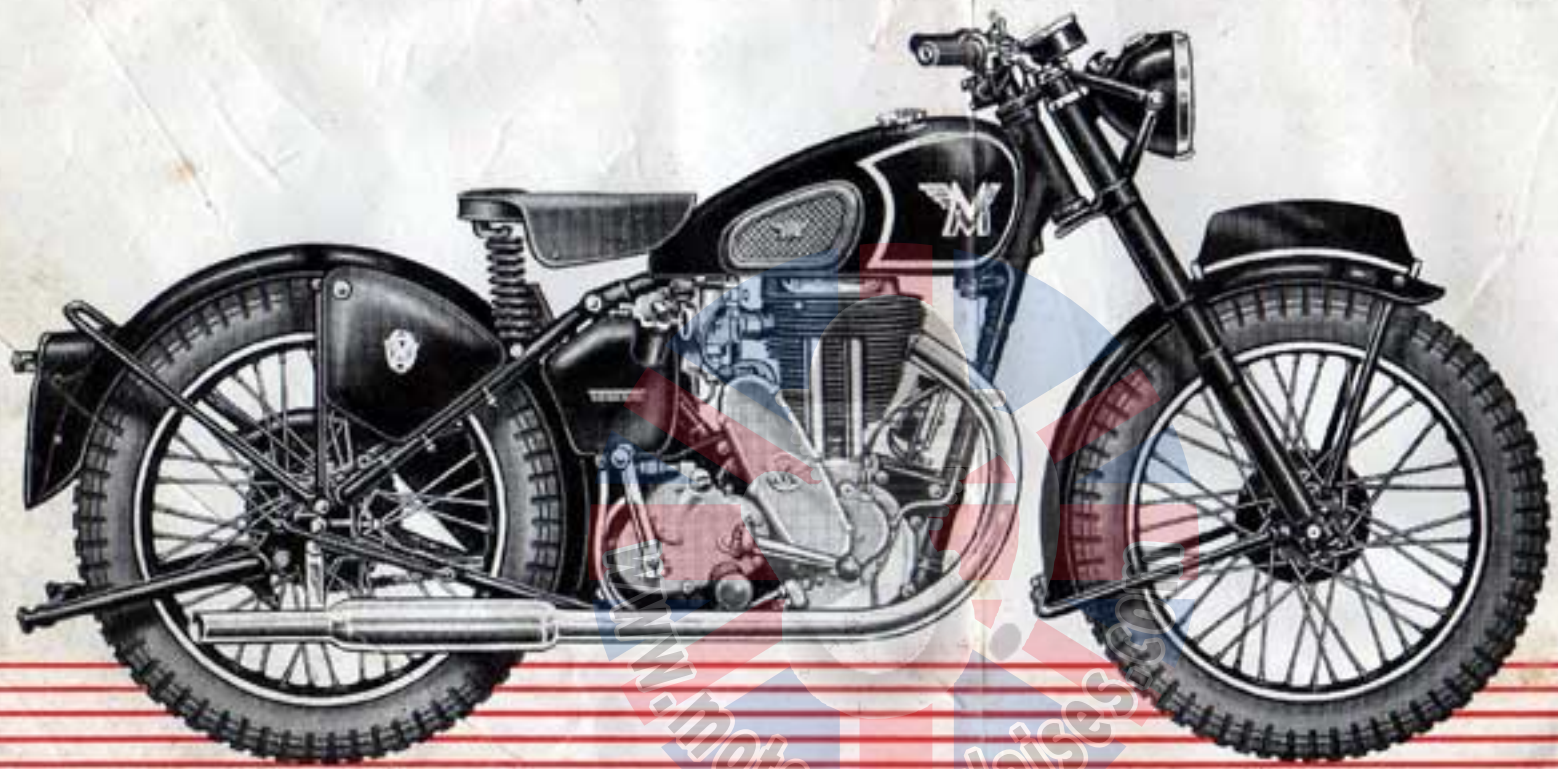
Letters are constantly being received from Service and Ex-Service riders of our military machines, thanking us for our efforts, and many of the 80,000 have paid us the highest possible compliment by purchasing MATCHLESS Motor Cycles for their civilian requirements.

The military Model G3/L has proved an excellent Ambassador, and the performance of these models under the most adverse conditions, has created a demand from every corner of the World that cannot possibly be met, even though our factory is working night and day to reduce the delivery delay as much as possible. Produced under ideal conditions by the most up to date methods, the modern MATCHLESS provides a performance and standard of reliability that is second to none and worthy of the Firm that enjoy the longest unbroken record of motorcycle manufacture in the industry.

Whether you need a motorcycle for Touring, Trials, or your daily Transport—MAKE IT A MATCHLESS and enjoy a standard of comfort, performance and trouble-free running that is unsurpassed by any other motorcycle.

S P E C I F I C A T I O N

O.H.V.



MODEL  
**G 80**

500 c.c.  
O.H.V.

[www.motos-anglaises.com](http://www.motos-anglaises.com)

# MODEL G3/L 350 c.c. O.H.V. and MODEL G80 500 c.c. O.H.V.

**ENGINE.**—Designed and manufactured throughout in the Matchless Factory to exceptional standards of accuracy, and noted for their mechanical silence, all engines incorporate the following features :—

Exceptionally rigid flywheel assembly comprising individually balanced flywheels, two-piece crankpin, triple row Duralumin caged big end bearing, "Lo-ex" piston, heavily finned single port cylinder head and cylinder, downdraught inlet port, chromium plated valve stems and all moving parts totally enclosed and positively lubricated.

**MODEL G3/L** ... Bore 69 m.m. Stroke 93 m.m. Capacity 347 c.c.

**MODEL G80** ... Bore 82.5 m.m. Stroke 93 m.m. Capacity 498 c.c.

**LUBRICATION.**—Dry sump system with separate oil tank incorporating detachable fabric oil filter. Pressure feed to all moving parts by new large capacity duplex reciprocating plunger pump.

**CARBURETTOR.**—"Amal" semi automatic with twist grip throttle control and separate air lever.

**GEAR BOX.**—Heavyweight 4-speed pivot mounted type with enclosed kick-starter and positive stop adjustable foot gear-change and handlebar clutch control.

**TRANSMISSION.**—Chain throughout. Primary chain enclosed in oil bath case and rear chain protected by deep section guard of new design. Cam type engine shaft shock absorber with special lubricating channel.

**STANDS.**—Tubular front, spring up rear and toe operated central prop stand.

**TANKS.**—Welded petrol tank of 3 gallons capacity with chrome winged "M" on each side and two filter type push-on taps. Oil tank of 3 pints capacity of pressed steel welded construction.

**FRAME.**—Duplex cradle design of brazed construction. Straight front down tube and forged rear fork ends. Pillion footrest lugs on rear chainstays.

**HANDLEBARS.**—Semi-sports, fully adjustable.

**FORKS.**—Telescopic hydraulically damped "Teledraulic's" of Matchless patented design and manufacture.

**BRAKES.**—Quickly adjustable internal expanding of large diameter on both wheels.

**SADDLE.**—Large spring seat with semi-roll back and three-point mounting.

**TYRES.**—26 in by 3.25 in. Dunlop cord on both wheels.

**MUDGUARDS.**—Special deep section. Main portion of rear guard quickly detachable to facilitate wheel removal.

**ELECTRICAL EQUIPMENT.**—Separate dynamo driven by chain enclosed in oil bath case with constant voltage control. Large diameter headlamp and handlebar dipping switch. Readily accessible battery centrally mounted below saddle. Electric horn mounted in front of engine. Ignition by magneto mounted at rear of cylinder and driven by chain running in oil-tight cast aluminium chaincase.

**FINISH.**—Wheel rims, handlebars, filler caps, etc., chromium plated. All enamelled parts three thicknesses of best quality black stove enamel on Bonderized finish. Petrol tank lined in silver. Cylinder heads and barrels stove enamelled.

**EQUIPMENT.**—Complete set of tools, grease gun, large capacity tyre pump and 90 Page Instruction Book.

## CONDITIONS OF GUARANTEE.

If a defective part should be found in our motorcycles, motorcycle combinations or sidecars, or in any part supplied by way of exchange before referred to, it must be sent to us CARRIAGE PAID, and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine, the date of the purchase or the date when the alleged defective part was exchanged as the case may be.

Failing compliance with the above, such articles will lie here AT THE RISK OF THE OWNER, and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

We do not guarantee specialities such as tyres, saddles, chains, electrical equipment, lamps, etc., or any component parts supplied to the order of the Purchaser differing from standard specifications, supplied with our motorcycles, motorcycle combinations, sidecars, or otherwise.

## NOTICE.

We do not appoint agents for the sale on our behalf of our Motorcycles or other goods, but we assign to Motorcycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation, or incur any liability on our behalf.

## LIST OF OPTIONAL EQUIPMENT.

Detachable Luggage Carrier.

80 m.p.h. Speedometer, Model G3/L.

120 m.p.h. Speedometer, Model G.80.

Mudguard type Pillion Seat with Pillion Footrests.

For **TOURING**



**TRIALS**



**TRANSPORT**



**TRAINING**

[www.motos-anglaises.com](http://www.motos-anglaises.com)

**MATCHLESS MOTOR CYCLES**  
PLUMSTEAD ROAD, LONDON, S.E.18, ENGLAND

(PROPRIETORS: ASSOCIATED MOTOR CYCLES LTD.)

Telephone: WOOLWICH 1223 (5 lines)

Printed in England

Telegrams: "Matchless-Wol-London"