

**MATCHLESS**

*Motor • Cycles*

**1939**

# MATCHLESS MOTOR CYCLES



PRODUCT

## THE 'CLUBMAN' RANGE

	PRICE
MODEL 39/G2, 250-Clubman ... .. 246 c.c. O.H.V., Single-port	£45 10 0
MODEL 39/G2M, 250-Clubman De Luxe ... 246 c.c. O.H.V., Two-port	£50 0 0
MODEL 39/G3, 350-Clubman ... .. 347 c.c., O.H.V., Single-port	£56 10 0
MODEL 39/G80, 500-Clubman ... .. 498 c.c., O.H.V., Two-port	£61 10 0
MODEL 39/G4, 350 Super-Clubman ... .. 347 c.c., O.H.V., Single-port	£61 10 0
MODEL 39/G90, 500 Super-Clubman ... .. 498 c.c., O.H.V., Single-port	£65 10 0

## 'CLUBMAN SPECIAL' RANGE

### COMPETITION MODELS

MODEL 39/G2MC 250 Clubman-Special ... .. 246 c.c., O.H.V., Single-port	£55 0 0
MODEL 39/G3C 350 Clubman-Special ... .. 347 c.c., O.H.V., Single-port	£61 10 0
MODEL 39/G90C 500 Clubman-Special ... .. 498 c.c., O.H.V., Single-port	£66 10 0

## 'TOURIST' RANGE

MODEL 39/G7, 250 Tourist ... .. 246 c.c., Side-Valve	£43 15 0
MODEL 39/G5, 500 Tourist ... .. 498 c.c., Side-Valve	£53 10 0
MODEL 39/X, 990 Sports Twin ... .. 990 c.c., Side-Valve Twin	£77 10 0



**NOTE.**—All prices and specifications are subject to alteration without notice and all motorcycles and equipment are sold subject to the terms of the limited guarantee printed in this folder.



# F O R E W O R D

The 1939 series of MATCHLESS Motorcycles described in this folder incorporate in their design the knowledge gained in 40 years continuous experience of the manufacture of high-grade motorcycles. Since the first "Matchless" motorcycle was built in 1899, reliability and durability have been the primary aims of "Matchless" designers and engineers. That their aims have been successfully realised is proved, not only by the "Matchless" reputation for reliability throughout the World, but also by the large numbers of "Matchless" motorcycles used by official bodies the world over, including the British Army and many Police Authorities.

The 1939 Models incorporate numerous important improvements in design and specification, of which the following are the most important:—

Totally enclosed valves, with positive lubrication to all working parts, on all models.

The new design of engine, first introduced on the 1938 Super-Clubman Models, is now used also on the 350 and 500 "Clubman" and "Clubman Special" Models. The design incorporates totally enclosed hairpin valve springs, and a one-piece cylinder head and rocker-box, giving unusual mechanical silence with high power output and prolonged maintenance of tune.

On all Models, exhaust pipe and silencer attachments are of the welded-on type, giving improved rigidity and appearance.

Built-in pillion footrest lugs, to take folding pillion footrests, on all Models except 39/G2 and 39/G7.

Provision for a single-arm prop stand to be fitted to any Model at a small extra charge.

All 500 c.c. O.H.V. Models have a larger diameter crankcase, with larger and heavier flywheels, to improve slow running and increase the smoothness of the engine.

Adjustable hardened steel pads on brake shoes of all Models above 250 c.c. to reduce frequency of adjustment and enable maximum life to be obtained from the brake linings.

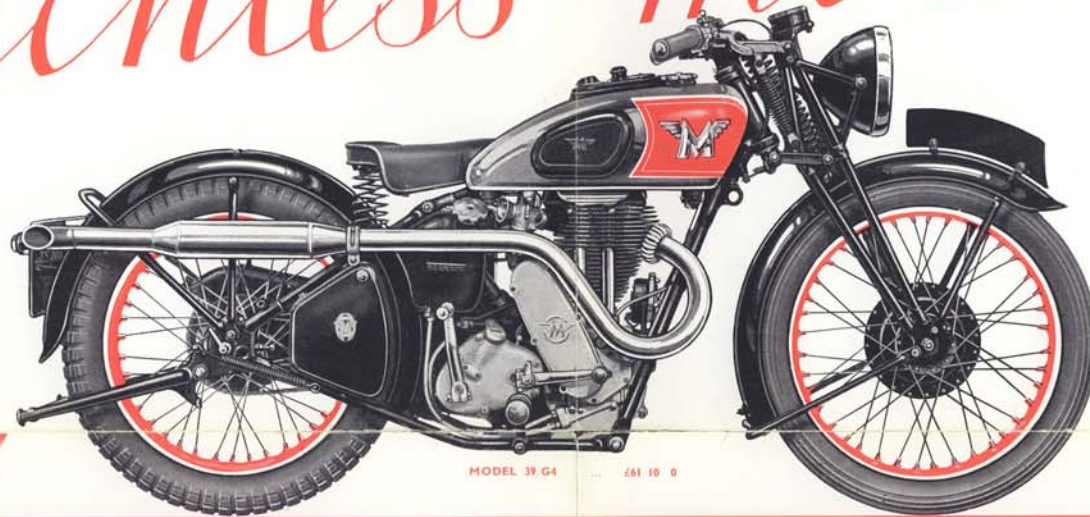
The "Clubman Special" Models have detachable plugs in the headlamp leads, and smaller petrol tanks.

The 250 c.c. O.H.V. Models have redesigned cylinder heads with a modified inlet port to improve slow running and acceleration.

A new integral speedometer mounting is featured on all Models except 39/G2, 39/G7, and the "Clubman Special" series.

In addition to these outstanding features, there are many important internal improvements both in design and material which are of great importance in adding to the durability and reliability of the machines, in which respect we say without hesitation, that the 1939 MATCHLESS Motorcycles will be as their name implies—without equal.

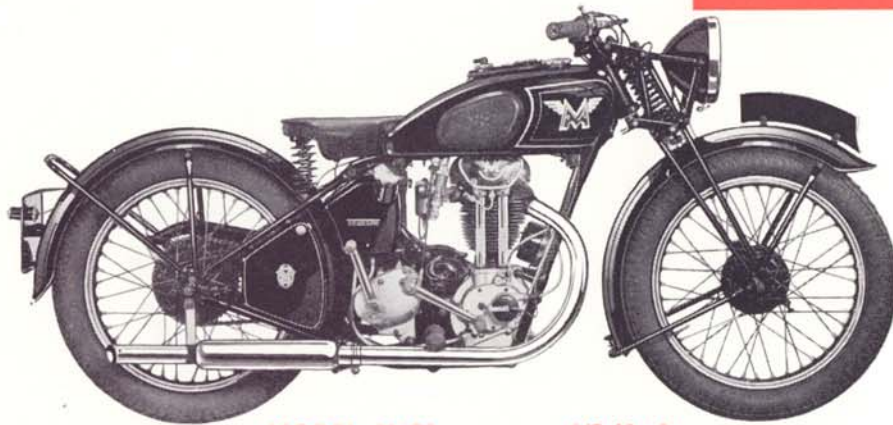
# Matchless Models -



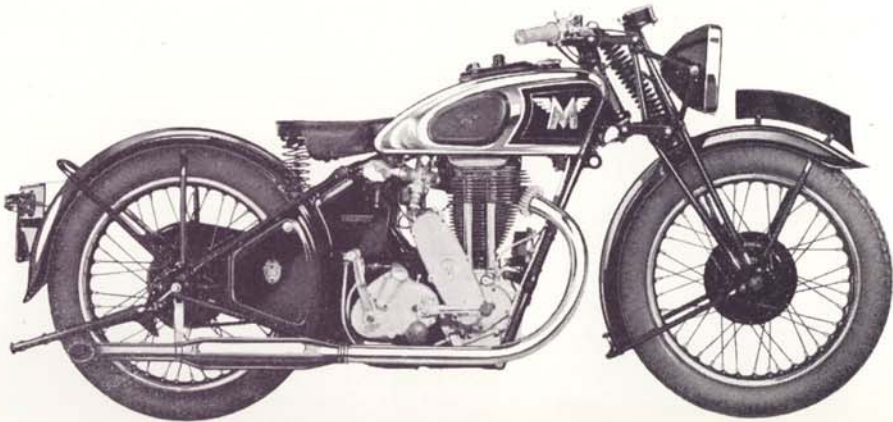
MODEL 39 G4 ... 661 10 0

The MATCHLESS 'Super Clubman'





MODEL 39/G2 ... £45 10 0



MODEL 39/G3 ... £56 10 0

# SPECIFIC

## THE CLUBMAN

MODELS : 39/G2, 39/G2M, 39/G3 and 39/G80

**ENGINE.**—All Matchless "Clubman" Models are fitted with high efficiency overhead valve Engines, designed and built in the "Matchless" Factory. Single-port cylinder heads on Models 39/G2 and 39/G3 ; two-port on Models 39/G2M and 39/G80.

On all Models the overhead valve gear is totally enclosed, and positively lubricated. Models 39/G2 and 39/G2M have pedestal mounted enclosed coil valve springs.

Models 39/G3 and 39/G80 have totally enclosed hairpin valve springs, with one-piece cylinder head and rocker-box as used on "Super-Clubman" Models.

Other features include Lo-ex alloy pistons, multiple-row roller big-end bearings with Duralumin cages, flood-lubricated double-camshaft timing gear, etc., etc.

39/G2 and 39/G2M	Bore, 62.5 mm.	Stroke, 80 mm.	Capacity, 246 c.c.
39/G3	Bore, 69 mm.	Stroke, 93 mm.	Capacity, 347 c.c.
39/G80	Bore, 82.5 mm.	Stroke, 93 mm.	Capacity, 498 c.c.

**LUBRICATION.**—Full dry sump system with fabric filter.

**GEARBOX.**—Four-speed with positive stop foot gear-change and enclosed clutch operating mechanism.

**Gear Ratios :**

39/G2 and 39/G2M	6.25	8.74	11.2 and 18.6 to 1
39/G3	5.83	7.5	10.3 and 15.6 to 1
39/G80	5.0	6.4	8.8 and 13.3 to 1

**TRANSMISSION.**—Oil-bath front chaincase with deep section rear chainguard.

**EXHAUST SYSTEM.**—Single Exhaust System on Models 39/G2 and 39/G3. Twin Exhaust System on Models 39/G2M and 39/G80. High or Low Exhaust Pipes at option.

# CATIONS

## RANGE

**STANDS.**—Easy-lift spring-up rear stand on Models 39/G2M, 39/G3 and 39/G80. Centre stand on Model 39/G2. Front stand on all Models.

**TANKS.**—3-Gallon Petrol Tank. Model 39/G2 finished in black and gold. Model 39/G2M chromium-plated with Aldwych Red panels and gold lines. Models 39/G3 and 39/G80 chromium-plated with black panels and gold lines. Separate Oil Tank.

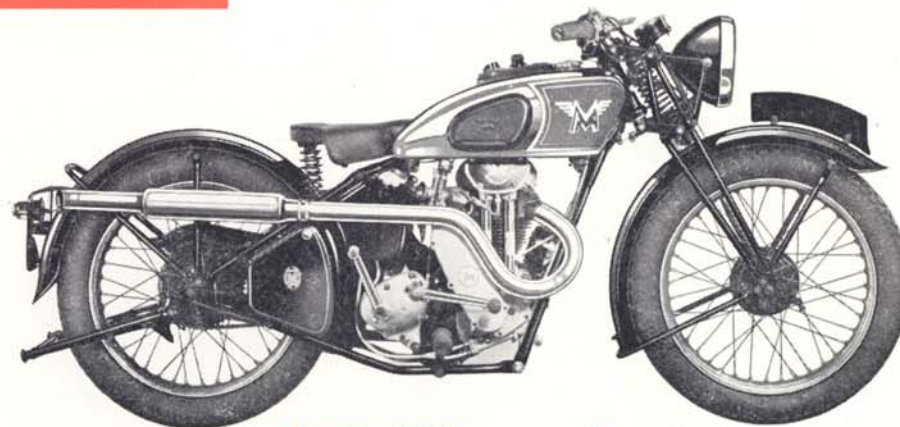
**SPRING FORKS.**—Tubular type, with locked-link girder assembly. Adjustable duplex fork dampers. Steering damper on Models 39/G2M, 39/G3 and 39/G80.

**WHEELS AND BRAKES.**—Internal expanding, with finger adjustment and quick detachable connections. Rear wheel quickly detachable on Models 39/G3 and 39/G80. 26 in. x 3.25 in. Cord Tyres.

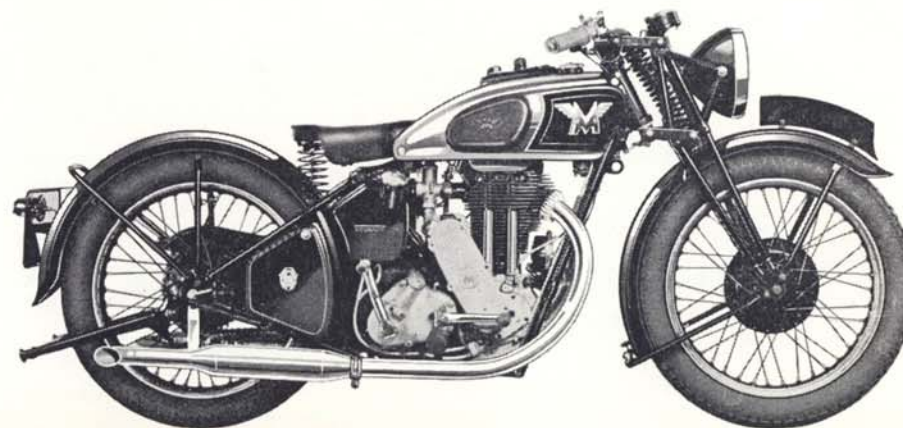
**ELECTRICAL EQUIPMENT.**—6-volt electric lighting set and electric horn. Dynamo driven by chain enclosed in oil bath front chaincase. Coil ignition on Model 39/G2 with contact breaker built into engine timing case. Automatic voltage control. Other Models magneto ignition.

**SPEEDOMETER.**—Fitted to all Machines at extra price shown below, unless specially ordered without. Drive enclosed in front brake drum. Instrument illuminated when lights are in use.

250 "CLUBMAN", Model 39/G2	...	...	...	£45 10 0
250 "CLUBMAN DE-LUXE" Model 39/G2M	...	...	...	£50 0 0
350 "CLUBMAN" Model 39/G3	...	...	...	£56 10 0
500 "CLUBMAN" Model 39/G80	...	...	...	£61 10 0

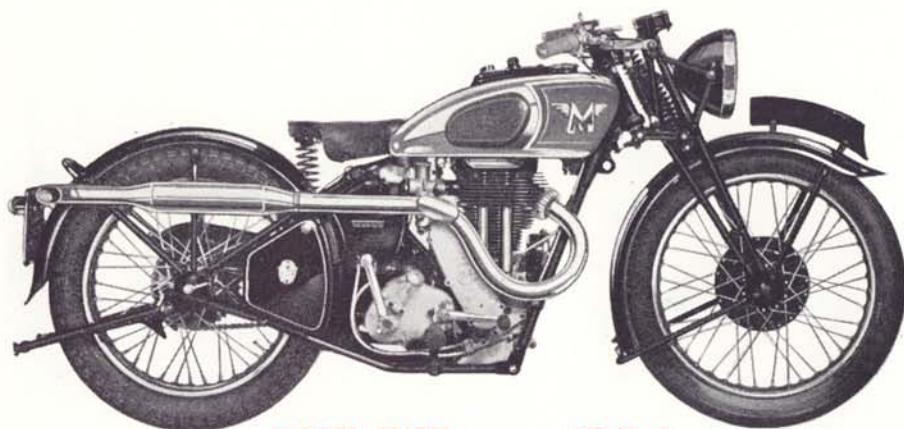


MODEL 39/G2M ... £50 0 0



MODEL 39/G80 ... £61 10 0





MODEL 39/G90 ... £65 10 0

## EQUIPMENT

Detachable Luggage Carrier on all Models	...	...	...	...	...	...	...	...	...	£0 15 0
8-day Clock (mounted in instrument panel)	...	...	...	...	...	...	...	...	...	£1 10 0
80 m.p.h. Speedometer, Non-Trip	...	...	...	...	...	...	...	...	...	£2 5 0
80 m.p.h. Speedometer, Trip Type	...	...	...	...	...	...	...	...	...	£2 10 0
120 m.p.h. Speedometer, Trip Type	...	...	...	...	...	...	...	...	...	£2 15 0
Pillion Footrests, Folding Type, all Models (Except G2 and G7)	...	...	...	...	...	...	...	...	...	£0 12 6
Mudguard Type Pillion Seat	...	...	...	...	...	...	...	...	...	£0 12 6
De Luxe Pillion Seat (for fitting to Luggage Carrier, which must also be specified)	...	...	...	...	...	...	...	...	...	£0 13 6
Oversize Tyres 26 in. x 3.50 in. (any Model except 38/X) per machine	...	...	...	...	...	...	...	...	...	£0 10 0
Steering Damper Models 39/G2 and 39/G7	...	...	...	...	...	...	...	...	...	£0 12 6



# THE SUPER CLUB

## MODELS 39/G4 and 39/G90

These Models have all the features described in the specification of the "Clubman" Models, but have specially tuned engines with polished cylinder heads and ports. Both engines have totally enclosed hairpin valve springs and one-piece cylinder head and rocker-box. All working parts, including both valve guides, are pressure-lubricated. During the 1938 Season, the "Super-Clubman" engines earned fame for their high performance and maintenance of tune, coupled with outstanding mechanical silence. Both Models have single-port cylinder heads and exhaust systems.

# THE CLUBMAN S

## MODELS : 39/G2MC, 39/G3C and 39/G90C

These Models are specially equipped editions of the 250 c.c., 350 c.c. and 500 c.c. "CLUBMAN" Models, prepared specially for use in Reliability Trials, Scrambles and similar competitive events.

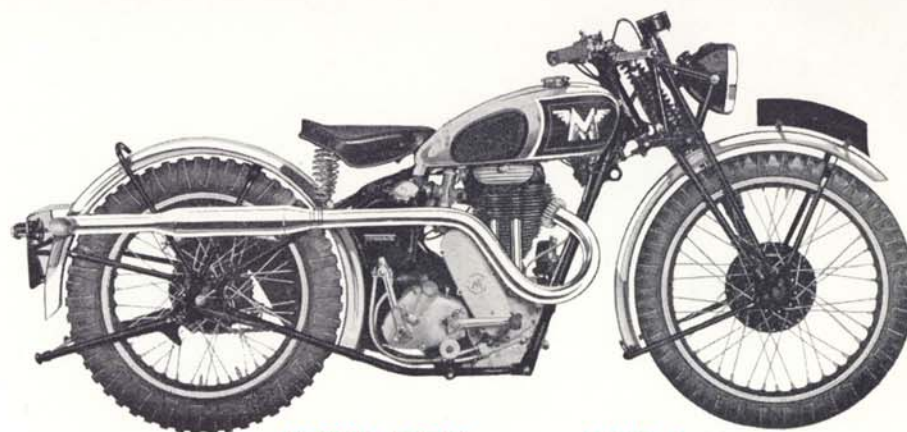
The special features include exceptionally wide rear stays and large mud-guard clearances on both wheels, heavyweight gearbox with special Competition gear ratios, single-arm prop stand on near-side of machine, shallow section chromium-plated mudguards, small petrol tank (2 gallon capacity), crankcase shield, adjustable saddle spring mounting, quickly detachable rear wheels, Dunlop Competition Saddle.

Rear tyres on all Models are 27 in. x 4 in., while the Front tyre on the Model 39/G2MC is 26 in. x 3 in. and on the Models 39/G3C and 39/G90C,

# CLUBMAN MODELS

High or low exhaust pipes can be supplied at option. On the "350 Super-Clubman" a high compression piston can be supplied to order. The "500 Super-Clubman" is fitted with a compression plate which can be removed if desired to give compression ratio suitable for petrol-benzol fuels. Both Models have check-spring front forks, 26 in. x 3.50 in. studded rear tyres and 26 in. x 3 in. ribbed front tyres. Petrol tanks are chromium-plated with Aldwych Red panels and gold lines. Wheel rims red-centred and gold lined.

350 "SUPER-CLUBMAN" Model 39/G4 ... .. £61 10 0  
 500 "SUPER-CLUBMAN" Model 39/G90 ... .. £65 10 0



MODEL 39/G3C ... .. £61 10 0

# SPECIAL RANGE

is 27 in. x 2.75 in. Either Competition Tyres or Standard Tyres can be supplied to order. All Engines are specially tuned with single-port polished heads. Models 39/G3C and 39/G90C have check spring front forks.

### Gear Ratios :

Models				
39/G2MC	... 6.5	10.0	13.7	20.8 to 1
39/G3C	... 6.2	9.4	12.9	19.5 to 1
39/G90C	... 5.5	8.4	11.5	17.5 to 1

250 "CLUBMAN-SPECIAL" Model 39/G2MC ... .. £55 0 0  
 350 "CLUBMAN-SPECIAL" Model 39/G3C ... .. £61 10 0  
 500 "CLUBMAN-SPECIAL" Model 39/G90C ... .. £66 10 0

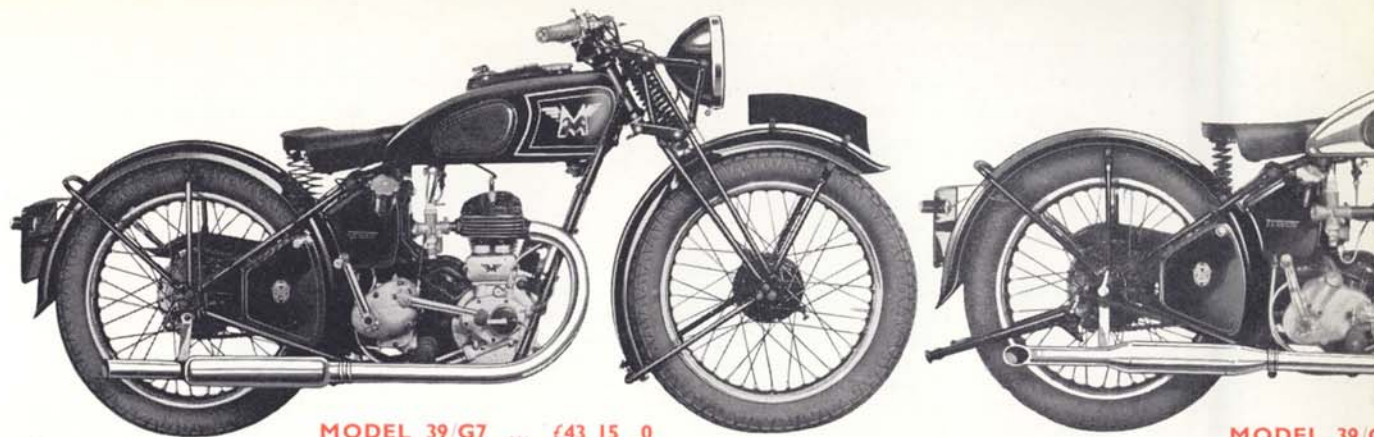
## NOTE

All Prices given on this folder include Electric Lighting and Electric Horn, but do not include Speedometer.

Unless specially ordered otherwise, all Machines are supplied fitted with speedometer at the extra charges shown under the heading of "Equipment."







MODEL 39/G7 ... £43 15 0

MODEL 39/G5

# THE 'Tourist'

MAKE IT A

MATCHLESS

FOR 1939

## MODELS : 39/G7, 39/G5, and 39/X

### SPECIFICATION :

**250 "TOURIST" MODEL 39/G7.**—This Model is identical with the 250 "Clubman" except that it is fitted with a high efficiency side-valve engine. This engine has a car-type detachable cylinder head and totally enclosed valve gear, the valve springs being mounted in steel thimbles insulated from the heat of the engine.

Bore, 62.5 mm. Stroke, 80 mm. Capacity, 246 c.c.

This Model is fitted with 6-volt Electric Lighting and coil ignition system.

**500 "TOURIST" Model 39/G5.**—This Model is identical with the 500 "Clubman" Model 39/G80, except that it is fitted with a high efficiency side-valve engine of the same design as that used on the 250 "Tourist."

Bore, 82.5 mm. Stroke, 93 mm. Capacity, 498 c.c.

This Model is also fitted with a 6-volt Electric Lighting and coil ignition system.

**990 "SPORTS TWIN" Model 39/X.**—This Model is intended for solo riding or for use with a single-seater sidecar. It is recognised as the ideal machine for really high speed touring, having a maximum speed of over 80 m.p.h. with colossal acceleration powers (from 20 to 50 m.p.h. in  $7\frac{1}{2}$  seconds).

**ENGINE.**—990 c.c. 50 deg. Twin Engine with side-valve cylinders with dwarf tappet chests and thimble mounted valve springs. Full dry sump lubrication, oil pressure fed all working parts.

Bore, 85.5 mm. Stroke, 85.5 mm. Capacity, 990 c.c.





## SERVICE

We maintain at our Head Office properly equipped Spare Parts and Repairs Departments for the convenience of owners of "Matchless" Motorcycles, in which Departments every attention will be given to the requirements of any "Matchless" rider who needs even the smallest of Spare Parts or the most trifling adjustment of his machine.

It should be noted that terms of payment for Spare Parts are nett cash with order. Remittances up to £1 in value should be made where possible by Postal Order, but over this amount a Cheque is preferable. We can, however, open a deposit account for any customer who will remit to us not less than £2 to remain to his credit in our account. This will then enable us to despatch Spare Parts ordered by 'phone, telegram or letter immediately the order is received until the amount deposited is exhausted. Any balance will, of course, always be returned upon request. The C.O.D. System may be employed for orders over 5s. in value.

For further details as to the best methods to be adopted when ordering Spare Parts, or when Repairs are required, reference should be made to the appropriate Instruction Book, which is supplied with every "Matchless" Motorcycle sold.

## 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.

## 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.

## MATCHLESS MOTOR CYCLES

(Proprs. : ASSOCIATED MOTOR CYCLES LTD.)

PLUMSTEAD ROAD, LONDON, S.E.18

Phone: Woolwich 1223

Grams: "Matchless, Wol., London"

Codes: A.B.C. 5th and 6th Editions and Bentleys

## GUARANTEE

We give the following guarantee with our motorcycles, motorcycle combinations and sidecars, which is given in place of any implied conditions, warranties or liabilities whatsoever, statutory or otherwise, all such implied conditions, warranties and liabilities being in all cases excluded. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding this guarantee. In the case of machines (a) which have been used for "hiring out" purposes or (b) any motorcycle and/or sidecar used for any dirt track, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition) or (c) machines from which the trade mark, name or manufacturing number has been removed, no guarantee, condition or warranty of any kind is given or is to be implied.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from the date of purchase, and damages for which we make ourselves responsible under this guarantee are limited to the free supply of a new part in exchange for the part of the motorcycle, motorcycle combination, or sidecar which may have proved defective. We do not undertake to replace or refix, or bear the cost of replacing or refixing, such new part in the motorcycle, motorcycle combination or sidecar. We undertake, subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As motorcycles, motorcycle combinations and sidecars are easily liable to derangement by neglect or misuse this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts:

1. The attaching of a sidecar to a motorcycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
2. The use of a motorcycle or of a motorcycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
3. The attaching of a sidecar to a motorcycle by any form of attachment not provided, supplied or approved by us or to a motorcycle which is not designed for such use.

Any motorcycle, motorcycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed or until the expiration of the six months above referred to, and this guarantee is in lieu and in exclusion of any common law or statute, warranty or condition, and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.



