

**SUNBEAM** Motor Cycles

FIRST EDITION

# SUNBEAM MOTOR CYCLES

for 1935

*"Products of Specialisation"*

MADE BY JOHN MARSTON LTD., WOLVERHAMPTON

*(A subsidiary company of Imperial Chemical Industries Limited)*



## SUNBEAM PROGRESS

In bringing to your notice the Sunbeam models for the 1935 season, we would direct attention particularly to the considerable reductions in price which have been effected throughout the range, simultaneously with many innovations and modifications in design. These factors, we suggest, should commend themselves to every motor cyclist, actual or potential.

Some of the more interesting features of the 1935 programme are reviewed here.

### 250 C.C. O.H.V.

A new model embodying important innovations such as duplex cradle frame, large capacity petrol and oil tanks; a new type of engine with oil-pump enclosed in crankcase; Amal down-draught carburetter; rockers revolving on needle roller bearings; high double camshaft with short push-rods; re-designed hairpin valve springs; pressure oiling to big end, camshaft, push-rods and valve guide; specially designed cylinder head with big exhaust port; domed, flared mudguards and a new Sunbeam exhaust system of attractive appearance.

Price . . . . . £49 10 0

### 350 C.C. O.H.V.

This is similar to the 1934 model but is fitted with a four-speed gearbox.

### 500 C.C. AND 600 C.C. S.V. LIONS

These models have been greatly improved. A modified design of cylinder head, cylinder and piston ensure better performance and more refined, quiet running.

All Lion models are fitted with the new Sunbeam patent decompressor.



### 500 C.C. AND 600 C.C. O.H.V. MODEL 9

Certain modifications have been made here, giving general improved performance in respect of running, speed and quietness.

The Sunbeam patent decompressor is also fitted to these models.

### MODEL 95

The modifications made in this model render it more suitable than ever for the speed man. Larger and more efficient brakes are provided, an improved type of fork makes for safer steering, while a stiffer frame and considerably improved cylinder head are also outstanding features.

"Speed with Safety" aptly describes the 1935 Model 95.

Every speed man should obtain from us, if he has not already received it, a copy of the report from "Motor Cycling" on this machine.

### PRICES

WITH THE GREAT REDUCTIONS WHICH HAVE BEEN MADE FOR 1935, ALL SUNBEAMS ARE NOW PRICED AT A COMPETITIVE FIGURE, BRINGING THEM WITHIN THE REACH OF EVERY MOTOR CYCLIST.

## SUNBEAM MOTOR CYCLE SUCCESSES DURING THE 1934 SEASON

### INTERNATIONAL SIX DAYS'

N. P. O. Bradley . . . Gold medal

### SCOTT TRIAL

T. E. Flintoff . . . President's Rose Bowl  
C. Helm . . . First class award  
S. Flintoff . . . First class award  
K. Wigg . . . First class award  
J. H. Bower . . . First class award

T. E. Flintoff, C. Helm and S. Flintoff won the Scott Trophy for riders of one make of machine

### SOUTHERN EXPORTS TRIAL

H. C. Wake . . . . . Souvenir award

### LANCASHIRE GRAND NATIONAL

T. E. Flintoff . . . . . Howe Cup  
J. H. Bower . . . . . Drake Cup  
C. Helm . . . . . Hawke Cup

### SOUTH AFRICAN T.T.

J. Sarkis . . . . . Senior Class, 500 c.c., at 79.1 m.p.h.

### COLMORE TRIAL

N. P. O. Bradley . . . . . Watsonian Shield

### VICTORY TRIAL

C. Helm . . . . . Duke Cup

### BEMROSE TRIAL

N. P. O. Bradley . . . . . Taddington Cup

### COTSWOLD TRIAL

N. P. O. Bradley . . . "John Bull" Cup

### MITCHEL MEMORIAL TRIAL

N. P. O. Bradley . . . Unlimited sidecar class  
C. Helm . . . . . 500 c.c. class premier award  
N. Hooton . . . . . First class award  
H. C. Wake . . . . . First class award

### LONDON—LAND'S END TRIAL

C. G. R. Warren . . . Premier award  
W. Chapman . . . . . Premier award  
J. Light . . . . . Premier award

### TRADERS' CUP TRIAL

N. P. O. Bradley . . . Merideth Cup  
N. Hooton . . . . . First class award  
H. C. Wake . . . . . Second class award  
These three also tied for the Hereford City Trophy for the best manufacturers' team.

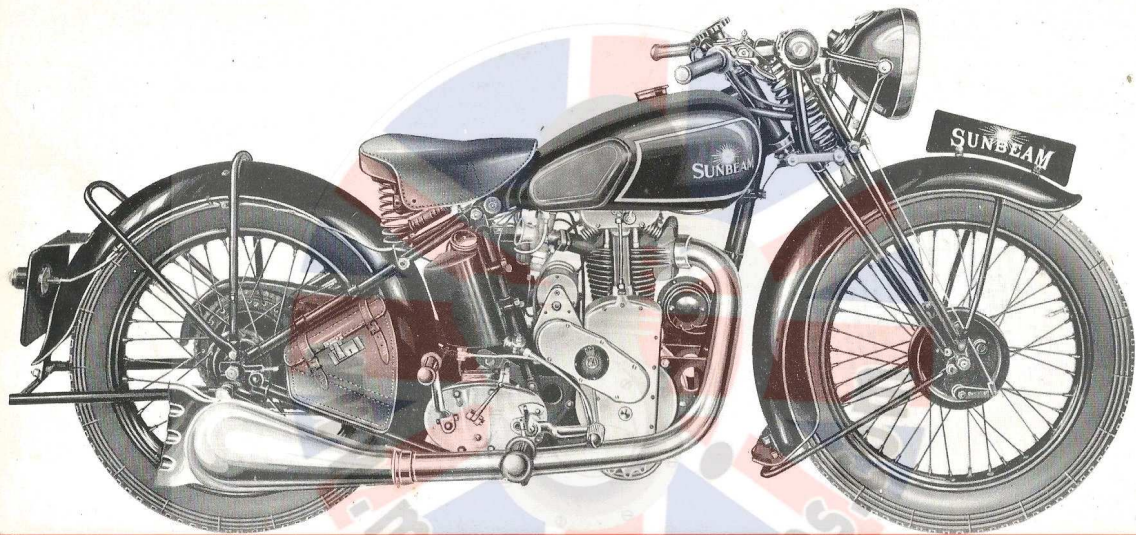
### SCOTTISH SIX DAYS'

N. P. O. Bradley . . . Silver plaque  
N. Hooton . . . . . Silver medal

### COOKSTOWN 100

W. Rusk . . . . . Won in the fastest time and made record for course, together with fastest lap

## 250 c.c. O.H.V. MODEL



## SPECIFICATION

**ENGINE.** Sunbeam single cylinder 248 c.c. single port. Controlled pressure lubrication to enclosed rocker gear, cams and inlet valve. Dry sump lubrication (Patent No. 290413). Totally enclosed oil pump. Sunbeam patent double hairpin valve springs. Tappet adjustment direct to stem of valves. Roller bearings to main shafts and rocker shafts. Amal down-draught carburettor with quick action twist-grip control. Large exhaust pipe with Sunbeam silencer and fishtail.

**GEARBOX.** Four-speed footchange. Kickstart and foot-change entirely enclosed. Self-aligning with clamp adjustment.

**GEAR RATIOS.** 6-6 to 1, 8-4 to 1, 10 to 1, 17-5 to 1.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain fitted on near side, protected by guard and automatically lubricated. Sunbeam shock absorber on engine shaft. Four-spring sensitive hand-operated clutch.

**WHEELS.** Easily removable. Hubs lubricated by grease gun system.

**TYRES.** 26 in. x 3-25 in. Dunlop wired on.

**TANKS.** Petrol tank with reserve tap and double feed to carburettor. Fitted with large knee grips.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Prop stand, spring operated, and rear stand fitted. Front stand fitted to front fork.

**FRAME.** Low riding position, duplex cradle frame, with 3 point rubber insulated petrol tank mounting. Separate oil tank. Sunbeam adjustable handlebar with steering damper.

**FRONT FORK.** Central spring and hand-adjusted shock absorber. Lubricated by grease gun system.

**MUDGUARDS.** Anti-splash guards. Rear fitted with lifting handle and detachable section, permitting easy removal of back wheel. Front fitted with deep valances and mud flap.

**SADDLE.** Special Dunlop three point mounting.

**BRAKES.** Large internal expanding, in both wheels, with quick hand adjustments.

**MEASUREMENTS.** Bore 64 mm., stroke 70 mm. Capacity 248 c.c. Petrol capacity 2½ galls.

250 c.c. O.H.V.  
MODEL

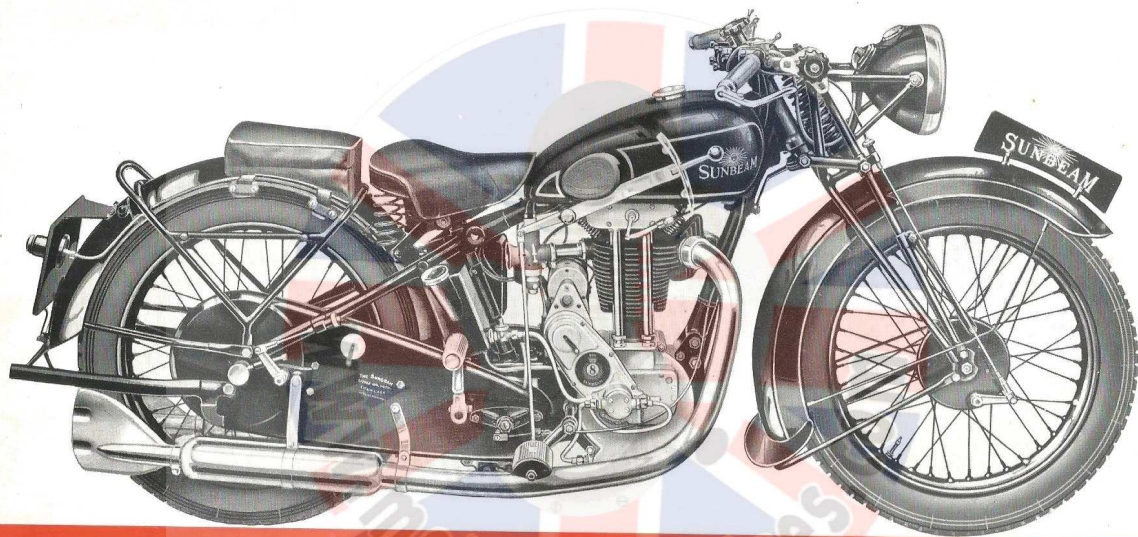
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NET CASH

### EXTRAS

Lucas magdyno lighting set .. .. .	£5 10s. Od.
Electric horn .. .. .	12s. 6d.
Speedometer fitted on top of fork girder with enclosed drive inside front brake drum .. .. .	£3 0s. Od.
Carrier easily detachable .. .. .	10s. Od.
Pillion seat .. .. .	15s. Od.



# 350 c.c. O.H.V. MODEL 8





## SPECIFICATION

**ENGINE.** Sunbeam single cylinder two-port O.H.V., with detachable head. Enclosed rocker gear, and push-rod ends lubricated from crankcase. Rocker shafts lubricated by grease gun. Double coil valve springs. Tappet adjustment direct to stem of valves. Adjustable dry sump lubrication (Patent No. 290413). Amal carburetter with twist-grip control. Large exhaust pipes with Sunbeam patent silencers. Registered design fishtails.

**GEARBOX.** Silent constant-mesh Sunbeam four-speed, with enclosed kickstarter. Filler and oil level plug provided. Self-aligning with drawbolt adjustment.

**GEAR RATIOS.** Standard solo: 5.3 to 1, 7.1 to 1, 10.1 to 1, 15.9 to 1. Sidecar: 6 to 1, 8 to 1, 11.5 to 1, 18 to 1.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shaft. Sunbeam six-spring sensitive hand-operated clutch.

**WHEELS.** Back wheel quickly detachable for tyre repairs. Hubs lubricated by grease gun system.

**TYRES.** 26 in. x 3.25 in. Dunlop wired on.

**CARRIER.** Detachable, complete with pannier bags. If carrier is not required, pillion seat is fitted on mudguard with special tool bag on chain stay.

**TANKS.** Petrol tank with reserve tap. Fitted with large knee grips.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Low lift stand fitted to rear of machine. Front stand fitted to front fork.

**FRAME.** Low riding position with saddle tank and separate oil tank. Sunbeam adjustable handlebars with Sunbeam steering damper.

**FRONT FORK.** Sunbeam, with central spring and hand-adjusted shock absorber. Lubricated by grease gun system.

**MUDGUARDS.** Rear fitted with lifting handle and detachable section, permitting easy removal of wheel. Front fitted with deep valances and mud flap.

**SADDLE.** Special Terry.

**BRAKES.** Sunbeam large internal expanding, in both wheels, with quick hand adjustments. Back brake remains in position when wheel is removed.

**MEASUREMENTS.** Bore 70 mm., stroke 90 mm. Capacity 346 c.c. Petrol capacity 2½ galls. Oil capacity 2½ pints.

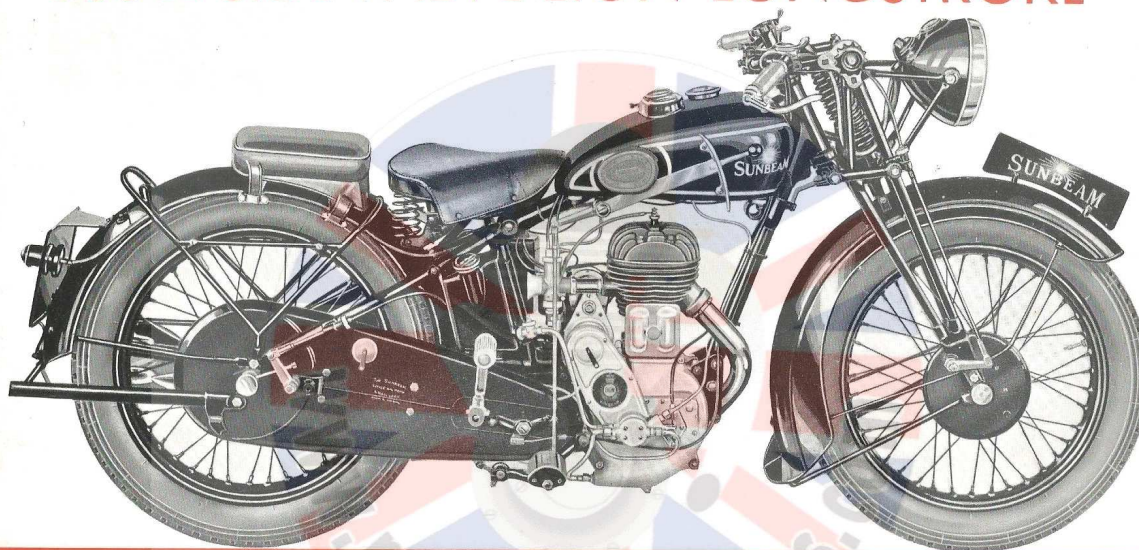
350 c.c. O.H.V.  
MODEL 8

£56-0-0  
NET CASH

### EXTRAS

Lucas magdyno lighting set .. .. .	£5 10s. 0d.
Electric horn .. .. .	12s. 6d.
Speedometer fitted on top of fork girder with enclosed drive inside front brake drum .. .. .	£3 0s. 0d.
Rear chaincase .. .. .	£2 10s. 0d.
Legshields .. .. .	£1 10s. 0d.
Pillion footrests .. .. .	8s. 6d.
" " (extra long) .. .. .	10s. 6d.

## 600 cc. SIDE-VALVE LION LONGSTROKE



## SPECIFICATION

**ENGINE.** Sunbeam single cylinder side valve. Detachable light alloy head. Totally enclosed lubricated valves with adjustable tappets. Adjustable dry sump engine lubrication (Patent No. 290413) with oil gauge on tank. Amal carburettor with twist-grip control. Large exhaust pipe with Sunbeam patent silencer. Registered design fishtail. Decompressor (Patent No. 371519) fitted to facilitate starting.

**GEARBOX.** Silent constant-mesh Sunbeam four-speed, with enclosed kickstarter. Filler and oil level plug provided. Self-aligning with drawbolt adjustment.

**GEAR RATIOS.** Solo: 4.9 to 1, 6.5 to 1, 9.3 to 1, 14.7 to 1. Sidecar: 5.3 to 1, 7.1 to 1, 10 to 1, 15.9 to 1; or 5.6 to 1, 7.5 to 1, 10.7 to 1, 16.8 to 1 for hilly districts.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shafts. Sunbeam six-spring sensitive hand-operated clutch.

**WHEELS.** Detachable and interchangeable. Hubs fitted with grease gun system. Taper roller bearings front and rear.

**TYRES.** 26 in. x 3.50 in. Dunlop wired on.

**CARRIER.** Detachable, complete with pannier bags. If carrier not required, pillion seat provided and special tool bag fitted on chain stay.

**TANKS.** Petrol tank with reserve tap. Fitted with large knee grips.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Low lift stand fitted to rear of machine. Front stand fitted to front fork.

**FRAME.** Low riding position with saddle tank and separate oil tank. Sunbeam adjustable handlebars with Sunbeam steering damper.

**FRONT FORK.** Sunbeam, with central spring and Sunbeam adjustable shock absorber. Lubricated by grease gun system.

**MUDGUARDS.** Rear fitted with lifting handle and detachable section, permitting easy removal of wheel. Front fitted with deep valances and mud flap.

**SADDLE.** Special Terry.

**BRAKES.** Sunbeam large internal expanding, in both wheels, with quick hand adjustments. Both brakes remain in position when wheels are removed.

**MEASUREMENTS.** Bore 85 mm., stroke 105.5 mm. Cylinder capacity 598 c.c.

600 c.c. SIDE-VALVE  
LION  
LONGSTROKE

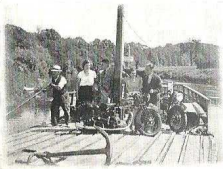
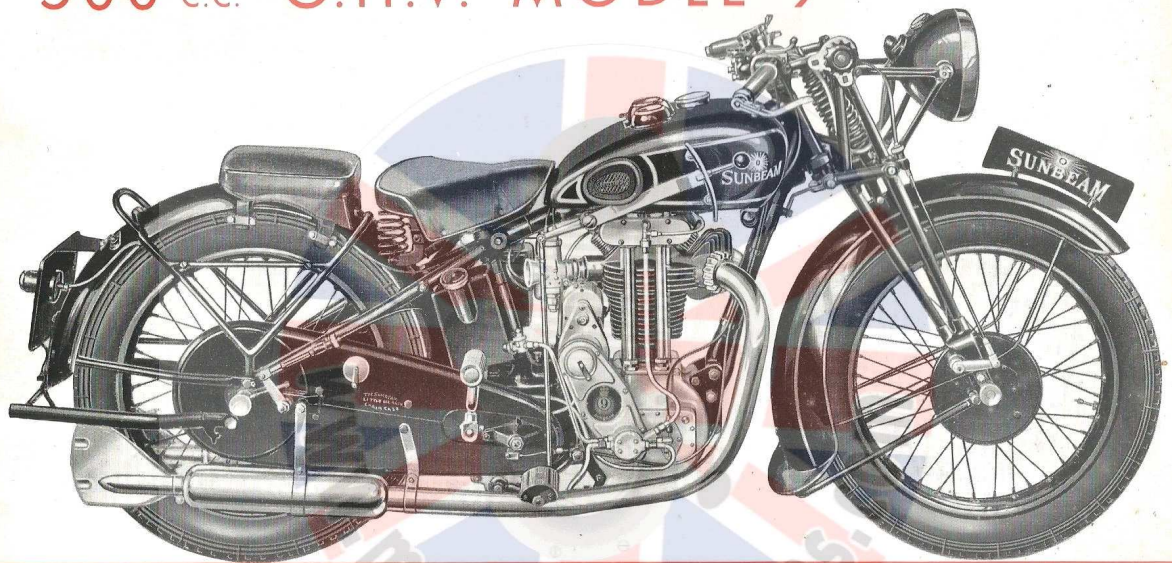
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NET CASH

### EXTRAS

Lucas magdyno lighting set	£5 10s. Od.
Electric horn	12s. 6d.
Speedometer fitted on top of fork girder with enclosed drive inside front brake drum	£3 0s. Od.
Rear chaincase	£2 10s. Od.
Legshields	£1 10s. Od.
Pillion footrests	8s. 6d.
" " (extra long)	10s. 6d.



# 500 c.c. O.H.V. MODEL 9



## SPECIFICATION

**ENGINE.** Sunbeam single cylinder two-port O.H.V., detachable head. Enclosed rocker gear, push-rods and inlet valve stem lubricated automatically under pressure. Double coil springs for valves. Tappet adjustment direct to stem of valve. Adjustable dry sump lubrication (Patent No. 290413) with oil gauge on tank. Amal carburettor with twist-grip control. Large exhaust pipes with Sunbeam patent silencers. Registered design fishtails. Decompressor (Patent No. 371519) fitted to facilitate starting.

**GEARBOX.** Silent constant-mesh Sunbeam four-speed, with enclosed kickstarter. Filler and oil level plug provided. Self-aligning with drawbolt adjustment.

**GEAR RATIOS.** Standard solo: 4.6 to 1, 6.1 to 1, 8.8 to 1, 13.8 to 1. Sidecar: 5.3 to 1, 7.1 to 1, 10.1 to 1, 15.9 to 1.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shaft. Sunbeam six-spring sensitive hand-operated clutch.

**WHEELS.** Detachable and interchangeable. Hubs fitted with grease gun system. Taper roller bearings front and rear.

**TYRES.** 26 in. x 3.25 in. Dunlop wired on.

**CARRIER.** Detachable, complete with pannier bags. If carrier not required, pillion seat provided and special tool bag fitted on chain stay.

**TANKS.** Petrol tank with reserve tap. Fitted with large knee grips.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Low lift stand fitted to rear of machine. Front stand fitted to front fork.

**FRAME.** Low riding position with saddle tank and separate oil tank. Sunbeam adjustable handlebars with Sunbeam steering damper.

**FRONT FORK.** Sunbeam, with central spring and Sunbeam adjustable shock absorber. Lubricated by grease gun system.

**MUDGUARDS.** Rear fitted with lifting handle and detachable section, permitting easy removal of wheel. Front fitted with deep valances and mud flap.

**SADDLE.** Special Terry.

**BRAKES.** Sunbeam large internal expanding, in both wheels, with quick hand adjustments. Both brakes remain in position when wheels are removed.

**MEASUREMENTS.** Bore 80 mm., stroke 98 mm. Cylinder capacity 493 c.c. Petrol capacity  $2\frac{1}{2}$  galls. Oil capacity 4 pints.

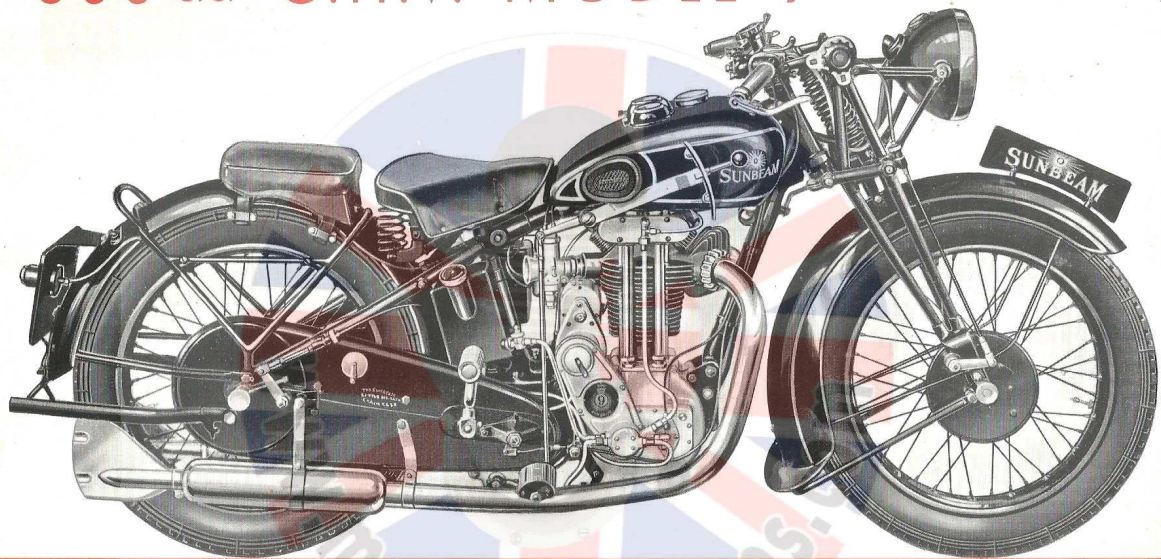
500 c.c. O.H.V.  
MODEL 9

£66-0-0  
NET CASH

### EXTRAS

Lucas magdyno lighting set	£5 10s. Od.
Electric horn	12s. 6d.
Speedometer fitted on top of fork girder with enclosed drive inside front brake drum.	£3 0s. Od.
Rear chaincase	£2 10s. Od.
Legshields	£1 10s. Od.
Pillion footrests	8s. 6d.
" " (extra long)	10s. 6d.

# 600 c.c. O.H.V. MODEL 9





## SPECIFICATION

**ENGINE.** Sunbeam single cylinder two-port O.H.V., detachable head. Enclosed rocker gear, push-rods and inlet valve stem lubricated automatically under pressure. Double coil springs for valves. Tappet adjustment direct to stem of valve. Adjustable dry sump lubrication (Patent No. 290413) with oil gauge on tank. Amal carburettor with twist-grip control. Large exhaust pipes with Sunbeam patent silencers. Registered design fish-tails. Decompressor (Patent No. 371519) fitted to facilitate starting.

**GEARBOX.** Silent constant-mesh Sunbeam four-speed, with enclosed kickstarter. Filler and oil level plug provided. Self-aligning with drawbolt adjustment.

**GEAR RATIOS.** Standard solo: 4.6 to 1, 6.1 to 1, 8.8 to 1, 13.8 to 1. Sidecar: 5.3 to 1, 7.1 to 1, 10.1 to 1, 15.9 to 1.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shaft. Sunbeam six-spring sensitive hand-operated clutch.

**WHEELS.** Detachable and interchangeable. Hubs fitted with grease gun system. Taper roller bearings front and rear.

**TYRES.** 26 in. x 3.50 in. Dunlop wired on.

**CARRIER.** Detachable, complete with pannier bags. If carrier not required, pillion seat provided and special tool bag fitted on chain stay.

**TANKS.** Petrol tank with reserve tap. Fitted with large knee grips.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Low lift stand fitted to rear of machine. Front stand fitted to front fork.

**FRAME.** Low riding position with saddle tank and separate oil tank. Sunbeam adjustable handlebars with Sunbeam steering damper.

**FRONT FORK.** Sunbeam, with central spring and Sunbeam adjustable shock absorber. Lubricated by grease gun system.

**MUDGUARDS.** Rear fitted with lifting handle and detachable section, permitting easy removal of wheel. Front fitted with deep valances and mud flap.

**SADDLE.** Special Terry.

**BRAKES.** Sunbeam large internal expanding, in both wheels, with quick hand adjustments. Both brakes remain in position when wheels are removed.

**MEASUREMENTS.** Bore 88 mm., stroke 98 mm. Cylinder capacity 596 c.c.

600 c.c. O.H.V.  
MODEL 9

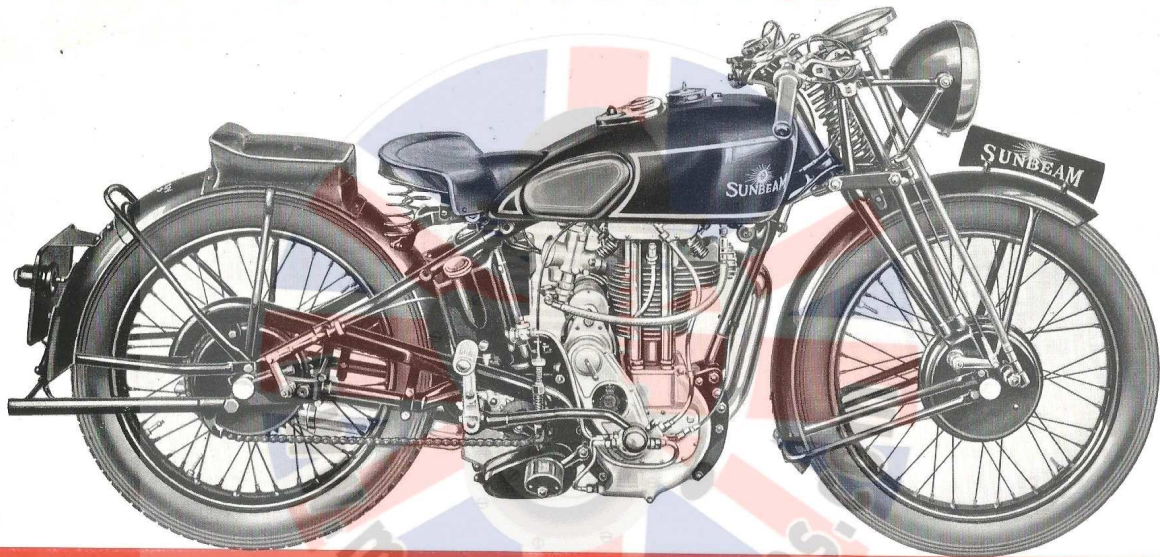
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### EXTRAS

Lucas magdyno lighting set .. .. .	£5 10s. Od.
Electric horn .. .. .	12s. 6d.
Speedometer fitted on top of fork girder with enclosed drive inside front brake drum .. .. .	£3 0s. Od.
Rear chaincase .. .. .	£2 10s. Od.
Legshields .. .. .	£1 10s. Od.
Pillion footrests .. .. .	8s. 6d.
.. .. (extra long) .. .. .	10s. 6d.

# 493 c.c. O.H.V. MODEL 95L



## SPECIFICATION

**ENGINE.** Sunbeam single cylinder 493 c.c. racing single port O.H.V. Enclosed rocker gear, push-rods and valves lubricated automatically under pressure. Supply to valve stems adjustable by needle valve. Sunbeam patent double hairpin valve springs. Tappet adjustment direct to stem of valves. Special light alloy connecting rod. Large diameter crank pin and shafts. Dry sump lubrication (Patent No. 290413). Oil pressure indicator on pump. Special Amal down-draught racing carburettor with quick action twist-grip control. Auxiliary air control. Large diameter exhaust pipe with Sunbeam patent silencer and Sunbeam registered design fishtail.

**GEARBOX.** Sunbeam four-speed with constant mesh pinions. Close ratio gears. Filler and oil level plug provided. Self-aligning with drawbolt adjustment. Positive toe-operated gear change with kickstarter.

**GEAR RATIOS.** 4-58 to 1, 5-48 to 1, 6-57 to 1, 9-61 to 1.

**TRANSMISSION.** Front chain totally enclosed in Sunbeam patent oil bath chaincase. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shaft. Sunbeam six-spring sensitive hand-operated clutch with cork inserts.

**WHEELS.** Detachable. Hubs fitted for grease gun lubrication.

**TYRES.** Back: Dunlop 27 in. x 3-25 in. studded. Front: 27 in. x 3 in. ribbed. Well fillers fitted to both wheels.

**TANKS.** Separate for petrol and oil. Large quick acting filler cap. Double feed to carburettor. Large adjustable knee grips fitted.

**SPEEDOMETER.** 6 in. dial fitted on top of fork girder with enclosed drive inside front brake drum.

**FOOTRESTS.** Sunbeam rubber adjustable.

**STANDS.** Fitted to front and rear.

**FRAME.** Low riding position. Sunbeam adjustable racing type handlebars with Sunbeam steering damper. Large tool bag fitted to chain stay.

**FRONT FORK.** Sunbeam with central spring arranged for grease gun lubrication. Sunbeam hand adjustable shock absorber.

**MUDGUARDS.** Light pattern guards with lifting handle and detachable section on rear. Mudguard cushion provided.

**SADDLE.** Terry.

**BRAKES.** Sunbeam 8 in. diameter racing type internal expanding fitted to both wheels, with quick hand adjustment. Cooling ribs on front drum. Both brakes remain in position when wheels are removed.

**MEASUREMENTS.** Bore 80 mm., stroke 98 mm. Cylinder capacity 493 c.c. Compression ratio 7 to 1. Petrol capacity approximately 3½ gallons. Oil capacity 4 pints.

**SPEED.** Approximately 85 m.p.h. on 50/50 petrol-benzol. Equipment, silencer and fishtail as described above.

**N.B.** Model 95L cannot be fitted with rear chaincase.

493 c.c. O.H.V.  
MODEL 95L

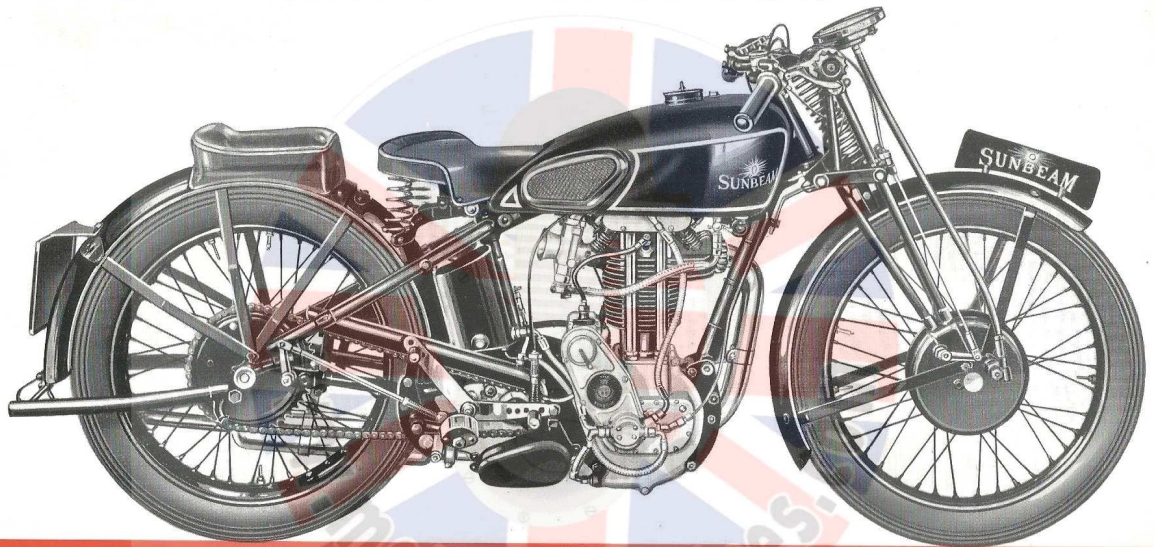
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### EXTRAS

Lucas magdyno lighting set	.. .. .	£5 10s. 0d.
Electric horn	.. .. .	12s. 6d.
Pillion footrests (extra long)	.. .. .	10s. 6d.



# 493 c.c. O.H.V. MODEL 95R



## SPECIFICATION

**ENGINE.** Sunbeam single cylinder 493 c.c. racing single port O.H.V. Enclosed rocker gear, push-rods and valves lubricated automatically under pressure. Supply to valve stems adjustable by needle valve. Sunbeam patent double hairpin valve springs. Tappet adjustment direct to stem of valves. Special light alloy connecting rod. Large diameter crank pin and shafts. Dry sump lubrication (Patent No. 290413). Oil pressure indicator on pump. Special Amal down-draught racing carburettor with quick action twist-grip control. Auxiliary air control. Large diameter exhaust pipe with Sunbeam patent silencer, and Sunbeam registered design fishtail. A straight pipe for use instead of silencer is supplied to order for racing. B.T.H. racing magneto.

**GEARBOX.** Sunbeam four-speed with constant mesh pinions. Close ratio gears. Filler and oil level plug provided. Self-aligning with drawbolt adjustment. Positive toe-and-heel type foot-operated gear change. Kick-starter not fitted.

**GEAR RATIOS.** 4.58 to 1, 5.48 to 1, 6.57 to 1, 9.61 to 1.

**TRANSMISSION.** Clutch fitted with Ferodo insets. Front chain protected by guard and lubrication controlled by regulating needle valve from separate compartment in oil tank. Rear chain protected by chainguard and automatically lubricated. Sunbeam shock absorber on engine shaft.

**WHEELS.** Detachable. Hubs fitted for grease gun lubrication. Wheels are balanced for racing.

**TYRES.** Back: Dunlop 27 in. x 3.25 in. studded. Front: 27 in. x 3 in. ribbed. Well fillers fitted to both wheels.

**TANKS.** Separate for petrol and oil. Large quick-acting filler cap. Double feed to carburettor. Large adjustable knee grips fitted.

**SPEEDOMETER.** 6 in. dial fitted on top of fork girder with enclosed drive inside front brake drum.

**FOOTRESTS.** Adjustable racing type.

**STANDS.** Fitted to rear. Front stand is not fitted.

**FRAME.** Low riding position. Sunbeam adjustable racing type handlebars with Sunbeam steering damper. Large tool bag fitted to chain stay. Facilities provided for wiring and taping for racing.

**FRONT FORK.** Sunbeam with central spring arranged for grease gun lubrication. Sunbeam hand adjustable shock absorber.

**MUDGUARDS.** Approved racing type mudguards fitted with rear mudguard cushion.

**SADDLE.** Dunlop.

**BRAKES.** Sunbeam 8 in. diameter racing type internal expanding fitted to both wheels, with quick hand adjustment. Cooling ribs on front drum. Both brakes remain in position when wheels are removed.

**MEASUREMENTS.** Bore 80 mm., stroke 98 mm. Cylinder capacity 493 c.c. Compression ratio  $7\frac{1}{2}$  to 1. Petrol capacity approximately  $3\frac{1}{4}$  gallons. Oil capacity 7 pints.

493 c.c. O.H.V.  
MODEL 95R

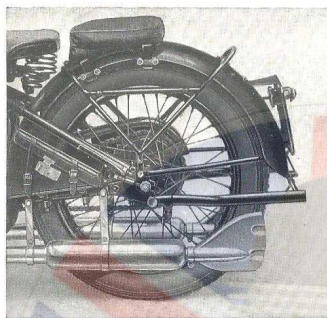
£85 - 0 - 0  
NET CASH

The above model is specially tuned at an extra cost of £10 for racing.

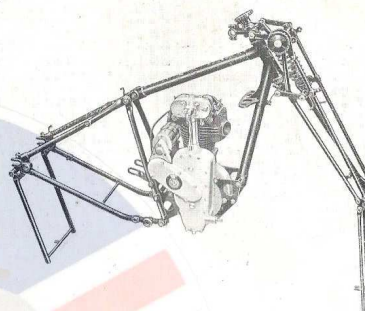
This model cannot be fitted with Lucas magdyno lighting set, electric horn, or rear chaincase.

Speed approximately 90-92 m.p.h. with silencer and fishtail fitted, using 50/50 petrol-benzol mixture.

When tuned for racing with straight through exhaust pipe the speed is approximately 96 m.p.h.



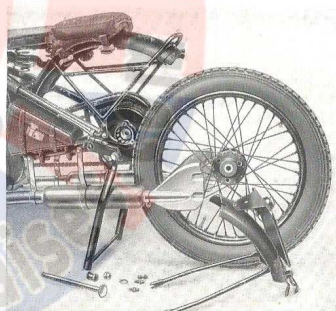
REMOVABLE CARRIER. This illustration shows pillion seat and tool bag which are supplied when carrier top is not required.



FRAME, ENGINE and FORKS, 250 c.c. O.H.V.



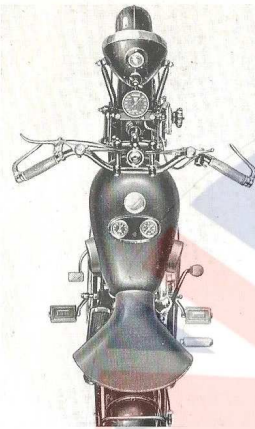
BRAKE DRUM can be detached from front wheel by removal of three screws.



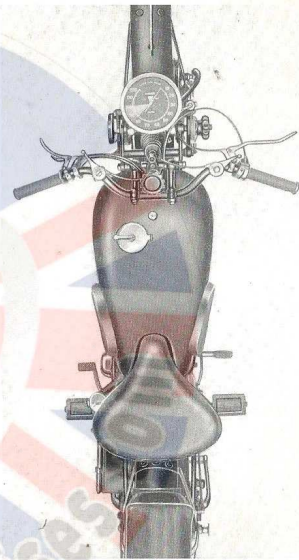
DETACHABLE AND INTERCHANGEABLE WHEELS. Adjustment of hub bearings and chain not affected. Detachable portion of rear mudguard and extra strong lifting handle.



# DETAILS



INSTRUMENTS AND CONTROLS. Instruments arranged so that they can be seen by the rider, without taking his attention from the road. Controls adjustable to suit rider's requirements.

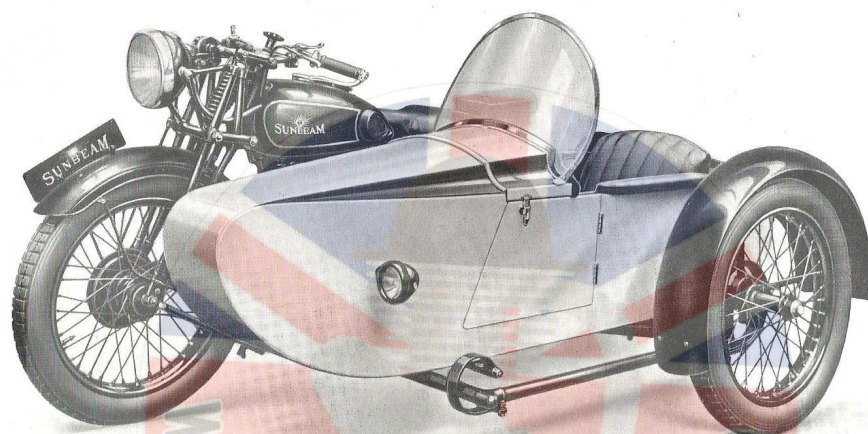


Overhead view of the Model 95 controls.



The LITTLE OIL BATH. Case removed showing Sunbeam shock absorber on engine shaft and Sunbeam six-spring sensitive clutch.

# SIDECARS



Model 9. This sidecar is of elegant appearance and is constructed on the latest scientific pressed steel principle. This method has made it possible to produce a sidecar of beauty and strength at a very low price.

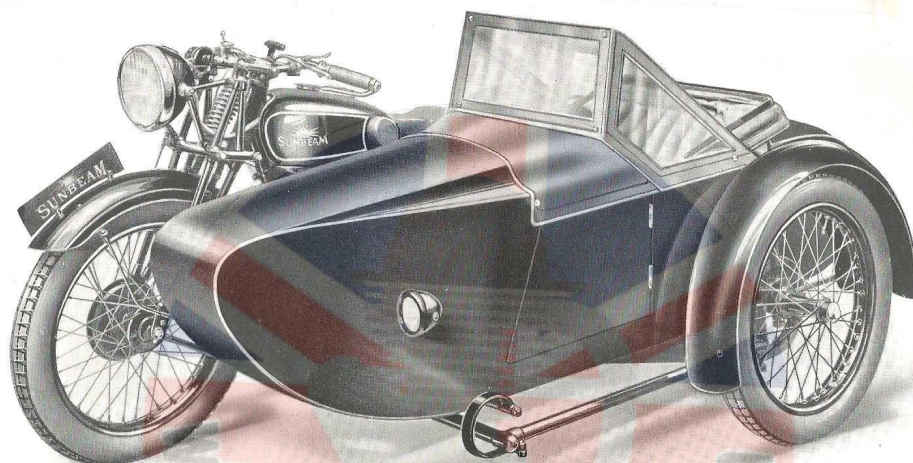
The top panels are deeply louvred, sweeping with distinctive grace from nose to tail.

The standard colour available is All Black with optional colours as follows: Black body with Signal Red louvres; Green body with Ivory louvres; Red body with Ivory louvres; Ivory body with Black louvres. Chromium-plated louvres can be supplied with any of the standard body colours at an extra charge.

The tyre is Dunlop Cord in any size to suit requirements.

PRICE complete with Sunbeam patent ball joint rear chainstay connection: £17 - 8 - 6

LUCAS ELECTRIC



Model 19. The specification of this model is identical with the Model 9, with the exception that it is constructed to slightly larger dimensions.

The Hood and Screen provide adequate weather protection, and may be quickly operated by the passenger.

For general specification, colour schemes, etc., see Model 9.

Dunlop Cord tyre is fitted to suit requirements.

PRICE £19 - 0 - 0

This model can also be supplied complete with a large dicky seat with deeply sprung upholstery at an extra charge of £1 1s.

**AMP 12s. 6d. EXTRA**



# HIRE PURCHASE TERMS

## DEPOSITS AND INSTALMENTS FOR THE 1935 MOTOR CYCLES

250 c.c. O.H.V. MODEL	£12 7 6	Deposit
	3 6 10	12 Monthly Payments
350 c.c. MODEL 8	£14 0 0	Deposit
	3 15 8	12 Monthly Payments
500 c.c. S.V. LION LONGSTROKE	£14 15 0	Deposit
	3 19 8	12 Monthly Payments
600 c.c. S.V. LION LONGSTROKE	£15 15 0	Deposit
	4 5 1	12 Monthly Payments
500 c.c. O.H.V. MODEL 9	£16 10 0	Deposit
	4 9 2	12 Monthly Payments
600 c.c. O.H.V. MODEL 9	£17 10 0	Deposit
	4 14 6	12 Monthly Payments
MODEL 95	£21 5 0	Deposit
	5 14 9	12 Monthly Payments

# GUARANTEE

We do not appoint agents for the sale on our behalf of our motor cycles or other goods but we assign to cycle and motor cycle 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.

## GUARANTEE

We give the following guarantee with our motor cycles, motor cycle combinations and sidecars, which is given in place of any implied conditions, warranties and 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 motor cycle 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 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 motor cycle, motor cycle 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 motor cycle, motor cycle 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 motor cycles, motor cycle 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 the motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
2. The use of a motor cycle, or of a motor cycle 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 motor cycle by any form of attachment not provided or supplied or approved by the manufacturers or to a motor cycle which is not designed for such use.

Any motor cycle, motor cycle 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 material 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.

## CONDITIONS OF GUARANTEE

If a defective part should be found in our motor cycles, motor cycle 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, lamps, etc., or any component parts supplied to the order of the purchaser differing from our standard specifications supplied with our motor cycles, motor cycle combinations, sidecars or otherwise.

NOTE. The makers reserve the right to make, without notice, such alterations in prices or specifications given in this folder as they may from time to time deem necessary and advisable.

