

MATCHLESS MOTORCYCLES

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MATCHLESS MOTORCYCLES

MATCHLESS MOTOR CYCLES
(COLLIERS) LTD.

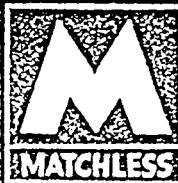
44-45 PLUMSTEAD ROAD
LONDON, S.E.18

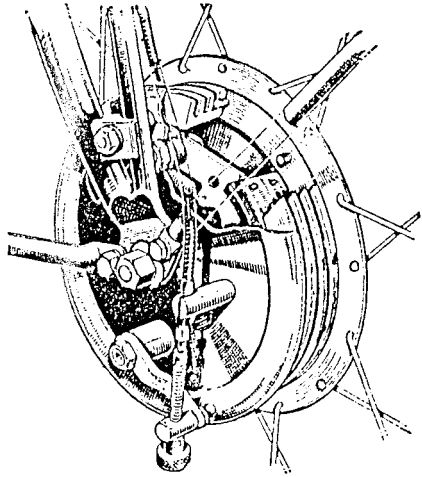
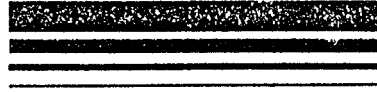
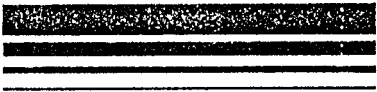
Phone: Woolwich 1010 (4 lines)
Grams: "Matchless, Woolwich"

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

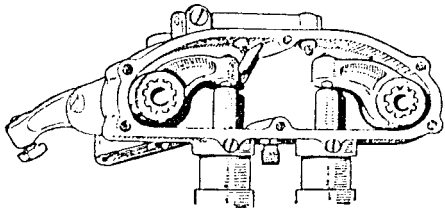
ALL PREVIOUS LISTS CANCELLED

All prices and specifications are subject to alteration without notice, and all motorcycles and/or sidecars, together with equipment, are sold subject to the limited guarantee

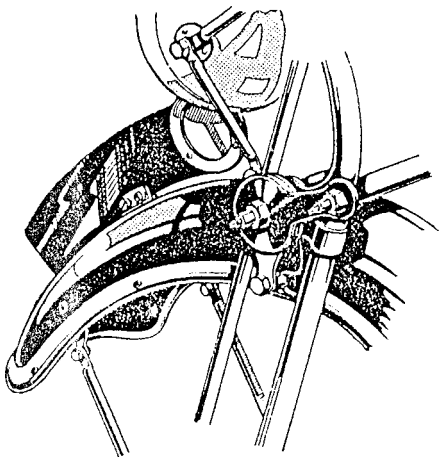




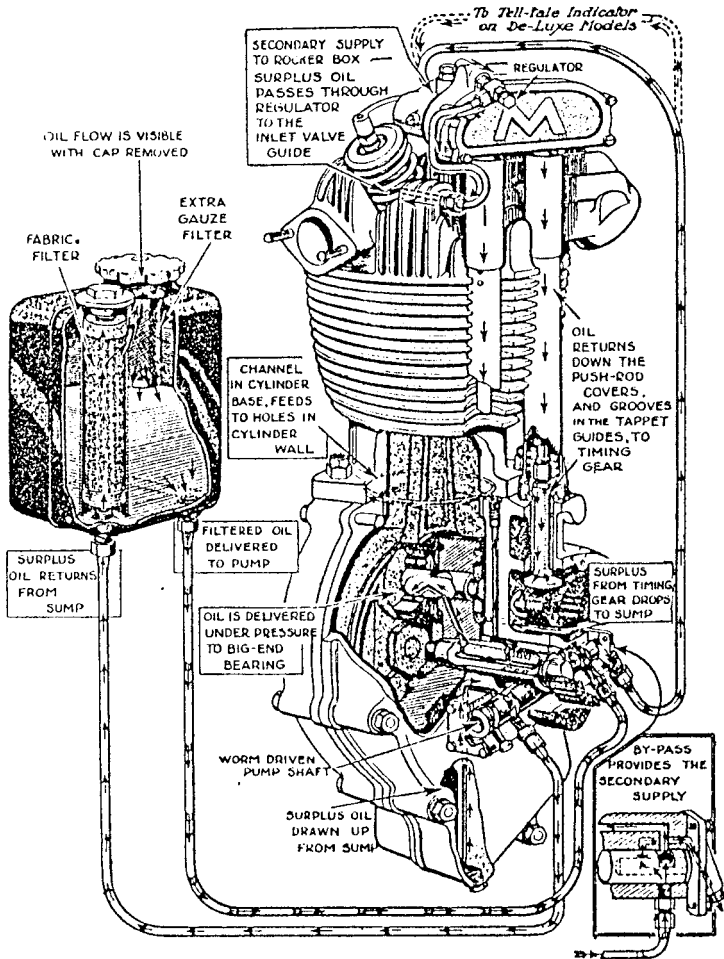
Above is shown the brake used on the "Sports 500" and some other models. The brake drum is made of centrifugally-cast chromium-iron alloy and is stiffened by deep fins which also serve to ensure adequate cooling.



Above is shown the ingenious method of lubricating the ball-ends of the push-rods on the "Sports 500" machine. Tiny jets fed with oil from the main pump squirt oil just where it is needed to ensure silent operation and freedom from wear.

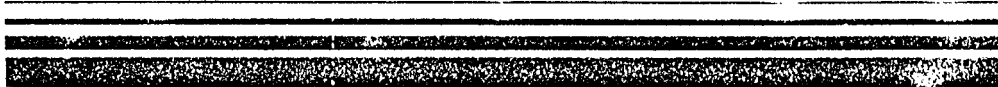
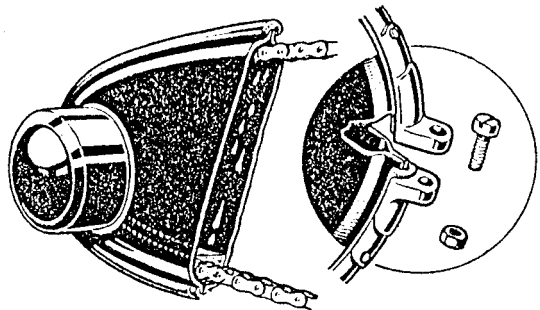


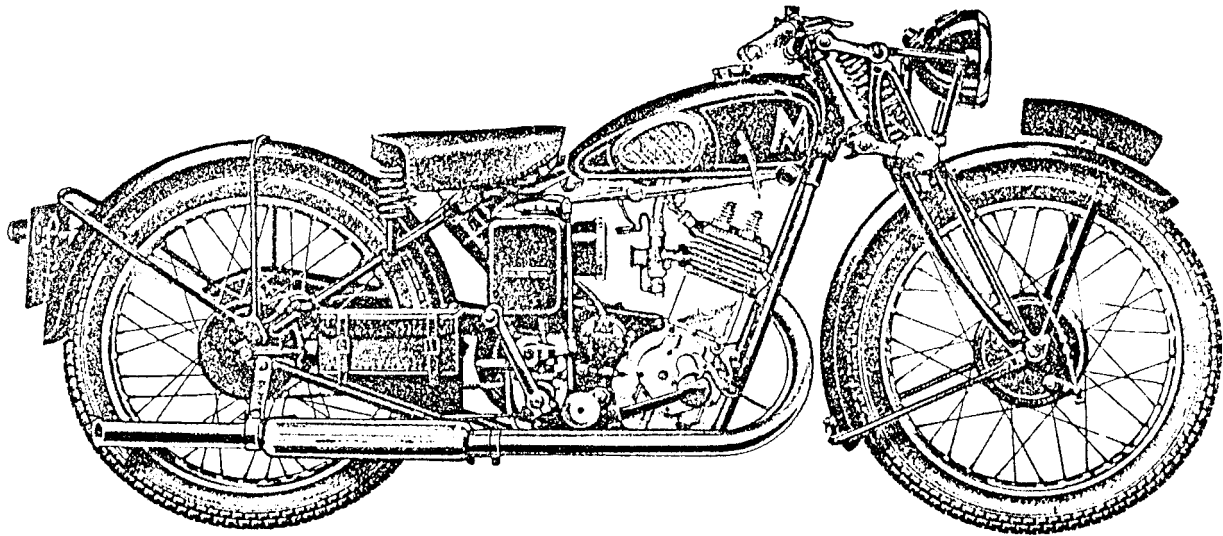
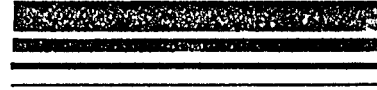
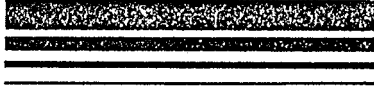
An outstanding feature on the "De Luxe" Models is the use of chromium edges on the mudguards, as shown in this illustration. These chromium-plated edges are formed of brass mouldings which are rolled over the edge of the mudguards and riveted in position. They cannot rust, prevent the enamel cracking on the edge of the mudguards, and give an extremely handsome appearance.



Above is a sectional drawing of the famous "Sports 500" Engine. This drawing also shows the remarkably complete dry-sump lubrication system which is fitted to all "Matchless" Motor Cycles. The "Sports 500" has a remarkable performance with a maximum speed of 82 miles per hour, and accelerates from 20 to 45 m.p.h. in 7.2/5 seconds in top gear (vide "The Motor Cycle").

The construction of the "Matchless" Oil-bath Chaincase is exceptionally simple, as will be seen from this sectional sketch. The front and back halves of the chaincase are made from steel pressings, which are held together by a moulded rubber band with a metal clamp which extends round the chaincase and is tightened up by a nut and bolt at the rear. Notice that the chain actually runs in oil, thus ensuring entire absence of wear, and remarkable silence and smoothness in operation.





MODEL 35/F7. 2.46 H.P. - 34 GUINEAS

SPECIFICATION

ENGINE. "Matchless" 2.46 H.P. high efficiency four-stroke side-valve, with enclosed valves. Decompressor to ensure easy starting. Bore 62.5 mm. Stroke 80 mm. Capacity 246 c.c.

LUBRICATION. "Matchless" dry sump system with pressure feed to all working parts, and fabric oil filter. Cycle parts lubricated by grease gun.

GEARBOX. Pivot-mounted three-speed gear with clutch and kickstarter.

TRANSMISSION. By chain throughout. Front chain automatically lubricated from engine.

STANDS. Spring-up centre prop stand. Separate tubular stand for front wheel.

TANKS. Bulbous saddle tank for petrol; capacity 2 gallons. Separate oil tank under saddle; capacity 3 pints.

FRAME. Unbreakable duplex cradle frame of great strength.

SPRING FORKS. Compression spring type with adjustable shock absorbers.

BRAKES. Internal expanding on both wheels with finger-adjustment.

MUDGUARDS. Wide mudguards, front and rear. Rear guard detachable to facilitate tyre repairs.

SADDLE. Lycett "Aero" spring seat.

TYRES. 25 in. x 3 in. Cord.

LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

HANDLEBARS. Graceful semi-sports "clean" handlebars with integral fittings. Black finish.

ELECTRICAL EQUIPMENT. "Lucas" six-volt electric lighting and coil ignition system. Large size dynamo, giving 30 watts output, rigidly mounted on engine plates and driven direct from crankshaft by roller chain, lubricated by adjustable oil feed. Accessible adjustment provided for chain tension. Contact breaker built into engine timing case. Lighting equipment consists of 6 in. diameter head-lamp with parking light and with dimming switch on handlebar; Lucas tail-lamp mounted on rear number plate. The switch, ammeter and warning light showing when ignition is switched on, are mounted on the back of the head-lamp. Extra large battery carried on special platform beneath saddle. Electric horn.

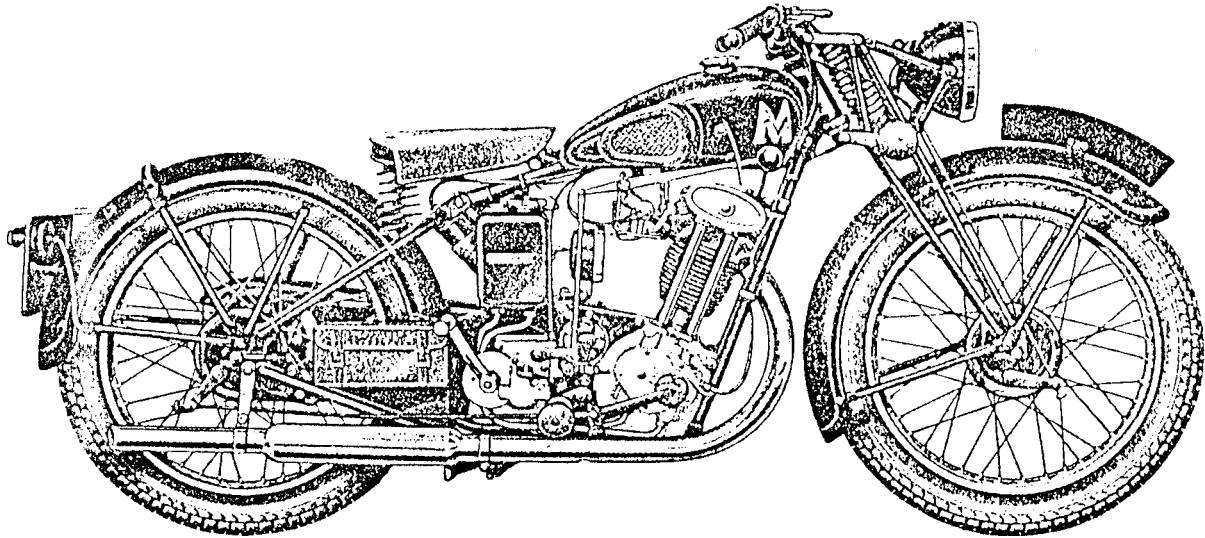
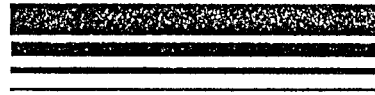
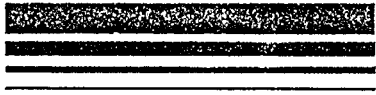
FINISH. Petrol tank finished in glossy black enamel with gold lines and chromium-plated embossed "M" on each side. Chromium-plated strip down centre of tank top. Frame, mudguards, handlebars, etc., stove-enamelled black after special anti-rust process. Wheel rims and all bright parts heavily chromium-plated.

MAXIMUM SPEED. 50-55 miles per hour.

TAX. Annual Tax in Great Britain, £1.10.0 per annum.

Model 35/F7, complete with electric lighting and electric horn **34 Guineas** YAVUR

With 4-speed gearbox and oil-bath chain-case, 10/6 extra.



"SPORTS 250" MODEL 35/F4. 2.46 H.P. 37 Guineas

SPECIFICATION

ENGINE. High efficiency overhead-valve sports engine with down-draught inlet port, enclosed overhead-valve gear, "Lo-ex" alloy piston, roller big end bearing, double camshaft timing gear running in oil-bath, decompressor to ensure easy starting, heavily tuned cylinder and cylinder head, and all other latest features to ensure high power output and complete reliability. Bore 62.5 mm. Stroke 80 mm. Capacity 246 c.c.

LUBRICATION. "Matchless" dry sump system, oil pressure fed to all working parts, including cylinder wall, big end bearing, mainshaft bearing and camshaft bearing, by duplex horizontal reciprocating rotary plunger pump. Surplus oil sucked from crankcase sump and returned to oil tank through fabric filter which entirely removes all impurities.

GEARBOX. Four-speed pivot-mounted gearbox. Hand gear change standardized, but positive stop foot gear change can be supplied at 12/6 extra.

TRANSMISSION. Front chain enclosed in oilbath chaincase, rear chain protected by adequate guard, with back panel.

EXHAUST SYSTEM. Large diameter exhaust pipe with tubular silencer. Low pipe as illustrated, or upswept competition exhaust pipe can be supplied at option without extra charge.

STAND. Spring-up centre prop stand.

TANKS. Bulbous saddle tank for petrol; capacity 2 gallons. Separate oil tank under saddle; capacity 3 pints.

FRAME. Latest type duplex cradle frame with twin down tubes.

SPRING FORKS. Tubular spring forks of graceful and sturdy design with adjustable shock absorbers.

BRAKES. Internal expanding brakes on both wheels.

HANDLEBARS. 1 in. diameter "clean" handlebars with integral control fittings; twist grip control for throttle.

KNEE-GRIPS. Large rubber knee-grips included in specification.

MUDGUARDS. Deep section gold lined mudguards providing ample protection and handsome appearance.

SADDLE. Lycett "Aero" spring seat.

TYRES. 26 in. x 3.25 in. Cord.

LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

ELECTRICAL EQUIPMENT. "Lucas" six-volt electric lighting and coil ignition system. Large size dynamo giving 30 watts output rigidly mounted on engine plates and driven direct from crankshaft by roller chain enclosed in main oil-bath chaincase. Accessible adjustment provided for chain tension. Contact breaker built into engine timing case. Lighting equipment consists of 6 in. diameter head-lamp with parking light and with dimming switch on handlebar; "Lucas" tail-lamp mounted on rear number plate. The switch, ammeter and warning light showing when ignition is switched on, are mounted in the back of the head-lamp. Extra large battery carried on special platform beneath saddle. Electric horn.

FINISH. Petrol tank finished in glossy black enamel with gold lines and chromium-plated embossed "M" on each side. Chromium-plated wheel rims to both wheels and all usual bright parts heavily chromium-plated.

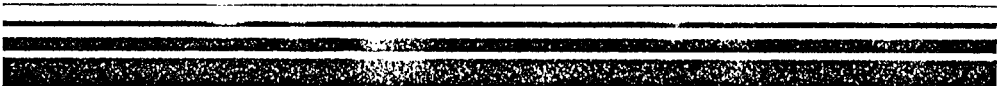
MAXIMUM SPEED. 65-70 miles per hour.

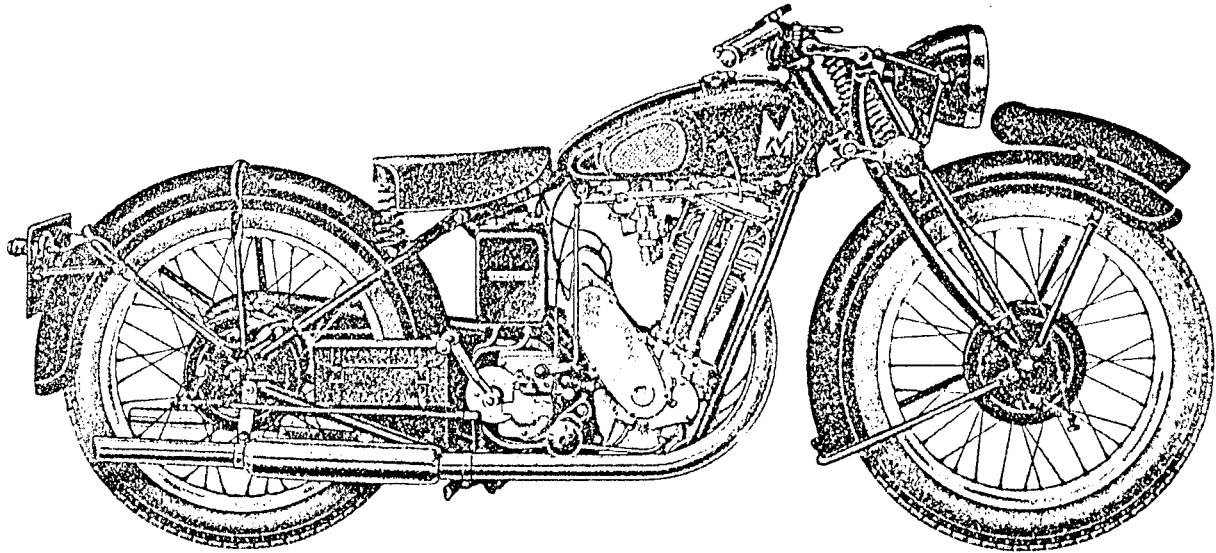
TAX. Annual Tax in Great Britain, £1 10 0 per annum.

"Sports 250" Model 35/F4, complete with electric lighting and electric horn Price. Code Word. **37 Guineas YAMOH**

"Sports 250" Model 35/F4 "DE LUXE," with electric lighting, electric horn, gearbox-drive non-trip speedometer, chromium-edged mudguards and front stand **40 Guineas YAMUJ**

When ordering this model please specify whether high or low exhaust pipe is required.





MODEL 35/D3. 3.47 H.P. - £49 . 15 . 0

SPECIFICATION

ENGINE. Overhead-valve two-port sports engine with enclosed and mechanically-lubricated overhead-valve gear. "Lo-ex" alloy piston, double camshaft timing gear, decompressor, etc. Bore 69 mm. Stroke 93 mm. Capacity 347 c.c.

LUBRICATION. Full dry-sump system with fabric oil filter, as described on page 4.

GEARBOX. Pivot-mounted four-speed gearbox with hand gear change. Positive stop foot gear change, 12/6 extra.

TRANSMISSION. Oil-bath front chain-case. Rear chain protected by effective guard with back panel. Shock absorber on engine shaft.

EXHAUST SYSTEM. Large diameter twin exhaust pipes with tubular silencers. Low exhaust pipes (as illustrated above) or high competition pipes (as illustrated on page 7) at option.

STANDS. Spring-up centre stand and separate front wheel stand.

TANKS. Petrol tank ; capacity 2 gallons. Separate oil tank ; capacity 3 pints.

SPRING FORKS. Heavyweight tubular with finger adjusted shock absorbers and steering damper.

BRAKES. "Matchless" chromidum brakes with finned drums on both wheels.

MUDGUARDS. Deep section, finished black with gold lines. Rear guard quickly detachable for tyre repairs.

SADDLE. Lycett "Aero" spring seat.

TYRES. 26 in. x 3.25 in. Cord.

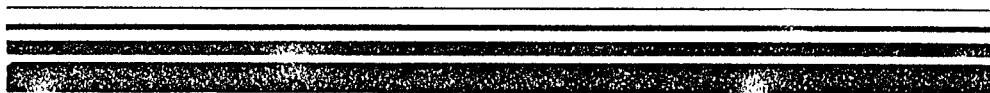
LUGGAGE CARRIER. Detachable luggage carrier 15/- extra.

FINISH. Black and chromium with gold lines and embossed chromium "M" on tank. Chromium-plated wheel rims.

Model 35/D3, complete with Magdyno electric lighting and electric horn **£49 15 0** YAMYK

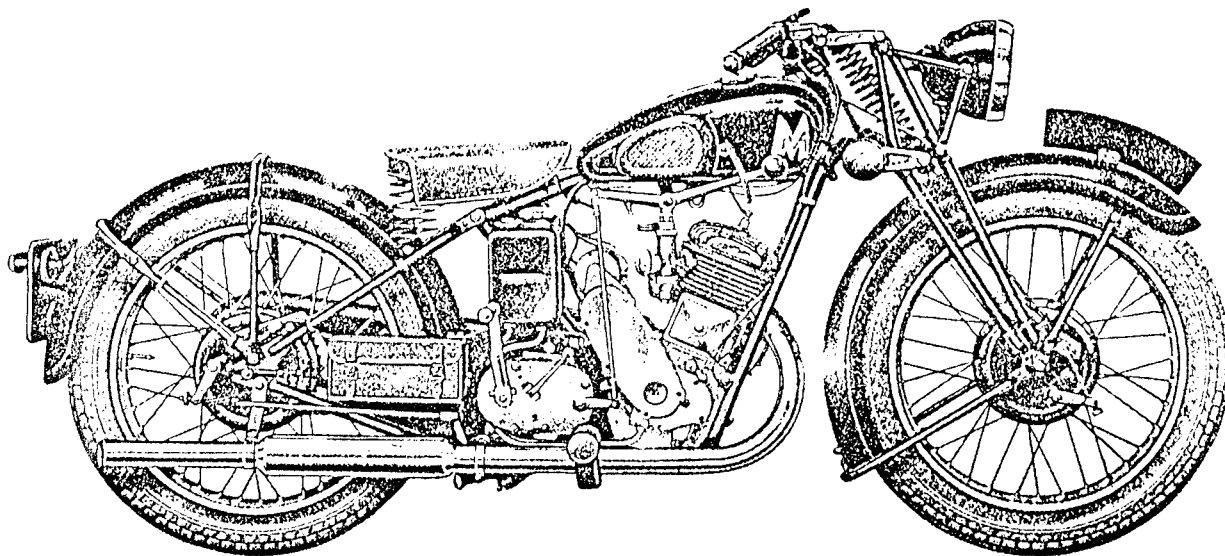
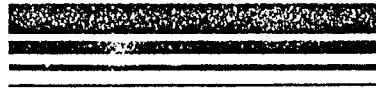
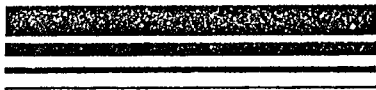
Model 35/D3 "DE LUXE" with chromium-edged mudguards and fitted with magdyno electric lighting with large head-lamp, electric horn, speedometer, oil indicator, ignition switch and illuminated instrument panel above handlebars **£53 10 0** YANAF

When ordering this model please specify clearly whether high or low exhaust pipes are required.



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MODEL 35/D5. 4.98 H.P. - £49 . 0 . 0

SPECIFICATION

ENGINE. High efficiency four-stroke side-valve engine with car-type detachable cylinder head and semi-turbulent combustion space. "Lo-ex" piston, double-camshaft timing gear, enclosed valves, handlebar-operated exhaust valve lifter. Bore 82.5 mm. Stroke 93 mm. Capacity 498 c.c.

LUBRICATION. Full dry sump system with fabric oil filter, as described on page 4.

GEARBOX. Pivot-mounted heavyweight four-speed gearbox with easy-change dogs. Hand gear control.

TRANSMISSION. Oil-bath front chain-case. Heavy $\frac{1}{2}$ in. x $\frac{1}{4}$ in. rear chain protected by effective guard with back panel. Shock absorber on engine shaft.

EXHAUST SYSTEM. Large diameter exhaust pipe with tubular silencer.

STANDS. Spring-up centre stand and separate front wheel stand.

TANKS. Petrol tank; capacity 2 gallons. Separate oil tank; capacity 3 pints.

SPRING FORKS. New design spring fork with heavyweight round tube girders, long spring motion giving extreme comfort and good road holding, and finger-adjusted shock absorbers and steering damper.

BRAKES. "Matchless" chromidium brakes with finned drums on both wheels.

MUDGUARDS. Deep section, finished black with gold lines. Rear guard quickly detachable for tyre repairs.

SADDLE. Lycett "Aero" spring seat.

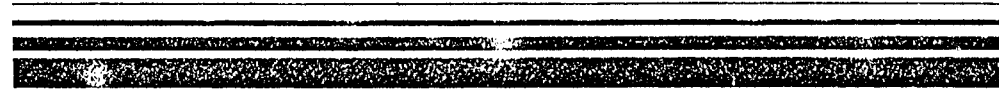
TYRES. 26 in. x 3.25 in. Cord.

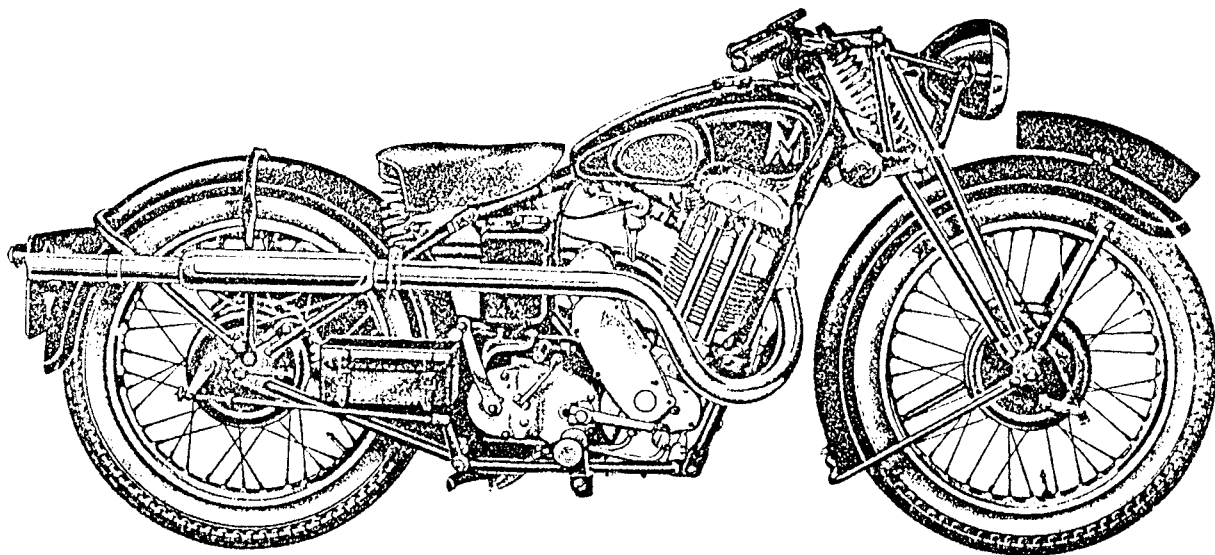
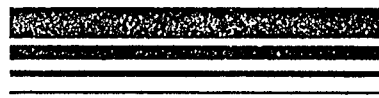
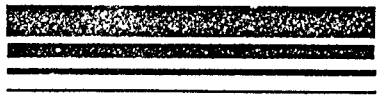
LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

FINISH. Black and chromium with gold lines and embossed chromium "M" on tank. Chromium-plated wheel rims.

Model 35/D5, complete with Magdyno electric lighting and electric horn Price. Code Word.
£49 0 0 YANEG

Model 35/D5 "DE LUXE" with chromium-edged mudguards and fitted with Magdyno electric lighting with large head-lamp, electric horn, speedometer, oil indicator and illuminated instrument panel above handlebars ... £52 15 0 YANFA





MODEL 35/D80. "SPORTS 500" 4.98 H.P. - £54

SPECIFICATION

ENGINE. High efficiency 4.98 H.P. O.H.V. Sports engine with down-draught inlet port, enclosed and mechanically lubricated overhead valve gear. "Lo-ex" piston, double-camshaft timing gear, extra large double row roller big end bearing, handlebar-operated exhaust valve lifter. Bore 82.5 mm. Stroke 93 mm. Capacity 498 c.c.

LUBRICATION. Full dry sump system with fabric oil filter, as described on page 4.

CARBURETTER. Large bore "Amal" carburetter with horizontal mixing chamber.

GEARBOX. Heavyweight pivot-mounted four-speed gearbox with special easy-change dogs. Built-in positive stop foot gear control with adjustable pedal.

TRANSMISSION. Oil-bath front chain-case. Heavy $\frac{1}{2}$ in. x $\frac{1}{2}$ in. rear chain protected by effective guard with back panel. Shock absorber on engine shaft.

EXHAUST SYSTEM. Large diameter upswept twin exhaust pipes with tubular silencers. Low exhaust pipes can be supplied at option without extra charge.

STANDS. Spring-up centre stand and separate front wheel stand.

TANKS. Petrol tank; capacity 2 gallons. Separate oil tank; capacity 3 pints.

SPRING FORKS. New design spring fork with heavyweight round tube girders, long spring motion giving extreme comfort and good road holding, and finger-adjusted shock absorbers and steering damper.

BRAKES. "Matchless" chromidium brakes with finned drums on both wheels, with improved operating mechanism.

MUDGUARDS. Deep section, finished black with gold lines. Rear guard quickly detachable for tyre repairs.

SADDLE. Lycett "Aero" spring seat.

TYRES. 26 in. x 3.25 in. Cord.

LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

FINISH. Black and chromium with gold lines and embossed "M" on tank. Chromium-plated wheel rims.

SPEED. Over 80 m.p.h.

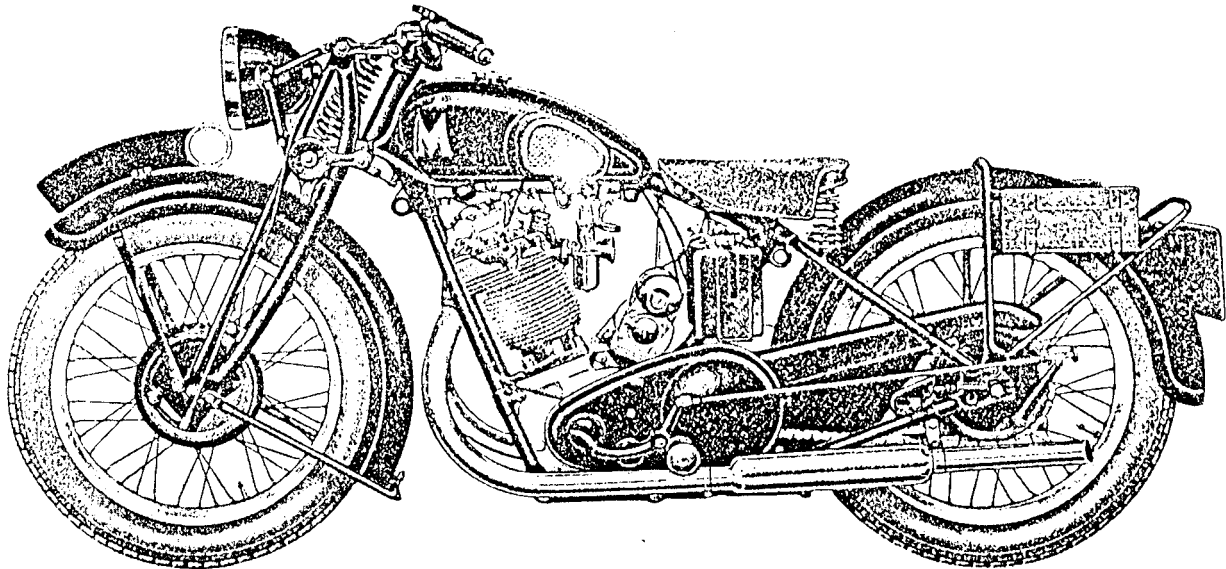
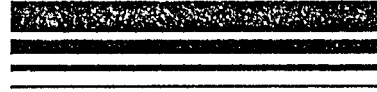
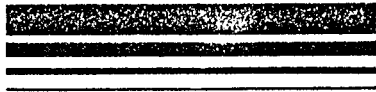
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| "Sports 500" Model 35/D80 with Magdyno electric lighting and electric horn | Price. | Code Word. |
| | £54 0 0 | YANGE |

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|--|---------|------------|
| "Super Sports 500" Model 35/D90, as above, but with specially tuned engine. Internally polished throughout, including flywheels con-rod, valve ports, etc., and with high compression piston | Price. | Code Word. |
| | £59 0 0 | YANLY |

| | | |
|---|----------|------------|
| "Sports 500" Model 35/D80 "DE LUXE," with chromium-edged mudguards and fitted with Magdyno electric lighting with large headlamp, electric horn, speedometer, oil indicator and illuminated instrument panel above handlebars | Price. | Code Word. |
| | £57 15 0 | YANJO |

| | | |
|---|----------|------------|
| "Super Sports 500" Model 35/D90 "DE LUXE," as above | Price. | Code Word. |
| | £62 15 0 | YANOJ |

When ordering this model please specify clearly whether high or low exhaust pipes are required.



MODEL 35/CS. 4.95 H.P. - £57 . 15 . 0

SPECIFICATION

ENGINE. Overhead-valve two-port engine with roller bearing overhead valve gear mechanically lubricated from engine, "Lo-ex" piston, double-camshaft timing gear, decompressor, heavy flywheels to ensure smooth running. Bore 85.5 mm. Stroke 85.5 mm. Capacity 495 c.c.

LUBRICATION. Full dry sump system with fabric oil filter, as described on page 4.

GEARBOX. Pivot-mounted heavyweight four-speed gearbox with hand control or positive stop foot control at option.

TRANSMISSION. Oil-bath front chain-case. Rear chain protected by effective guard with back panel. Shock absorber on engine shaft.

EXHAUST SYSTEM. Large diameter twin exhaust pipes with tubular silencers. High competition, or low exhaust pipes (as illustrated), at option.

STANDS. Spring-up centre stand and separate front wheel stand.

TANKS. Petrol tank; capacity 2½ gallons. Separate oil tank; capacity 4 pints.

SPRING FORKS. Wide heavyweight forks with finger-adjusted shock absorbers and steering damper.

WHEELS. With all-steel hubs mounted on taper roller bearings, chromium-plated wheel rims. Rear wheel quickly detachable without disturbing chain or brake adjustment.

BRAKES. Rear brake drum of chromidium alloy formed in one with chain sprocket. Chromidium front brake drum with cooling fins.

MUDGUARDS. Deep section, finished black with gold lines. Rear guard quickly detachable for tyre repairs.

SADDLE. Large Lycett "Aero" spring seat.

TYRES. 26 in. x 3.25 in. Cord.

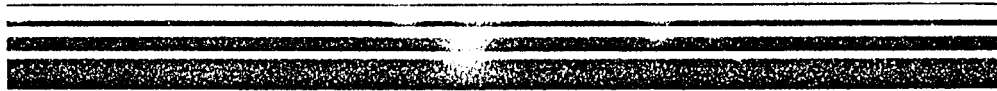
LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

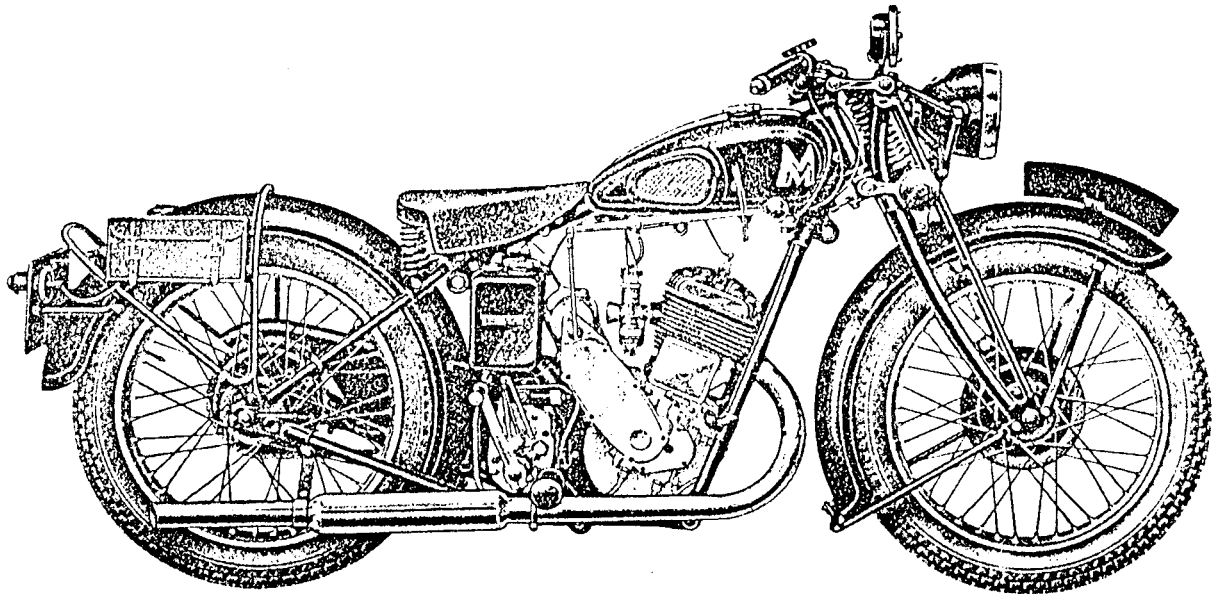
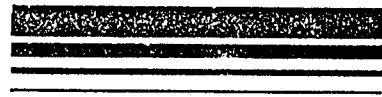
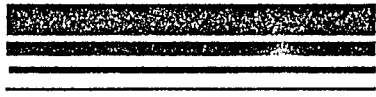
FINISH. Black and chromium with gold lines and embossed "M" on tank.

Model 35/CS, complete with Magdyno electric lighting and electric horn Price. Code Word.
£57 15 0 YANUK

Model 35/CS "DE LUXE," with chromium-edged mudguards and fitted with Magdyno electric lighting with large head-lamp, electric horn, speedometer, air filter, oil indicator, ignition switch and illuminated instrument panel above handlebars ... £61 10 0 YANYL

When ordering this model please specify clearly whether high or low exhaust pipes and hand or foot gear change are required.





MODEL 35/C. 5.86 H.P. - £55 . 15 . 0

SPECIFICATION

ENGINE. High efficiency side-valve "big-single" engine with car-type detachable cylinder head, enclosed valves, decompressor, double-camshaft timing gear, heavy flywheels to give smooth running. Bore 85.5 mm. Stroke 101.6 mm. Capacity 586 c.c.

LUBRICATION. Full dry sump system with fabric oil filter, as described on page 4.

GEARBOX. Pivot-mounted heavyweight four-speed gearbox with hand control.

TRANSMISSION. Oil-bath front chain-case. Rear chain protected by effective guard with back panel. Shock absorber on engine shaft.

EXHAUST SYSTEM. Large diameter exhaust pipe with tubular silencer.

STANDS. Spring-up centre stand and separate front wheel stand.

TANKS. Petrol tank; capacity 2½ gallons. Separate oil tank; capacity 4 pints.

SPRING FORKS. Wide heavyweight forks with finger-adjusted shock absorbers and steering damper.

WHEELS. With all-steel hubs mounted on taper roller bearings, chromium-plated wheel rims. Rear wheel quickly detachable without disturbing chain or brake adjustment.

BRAKES. Rear brake drum of chromidium alloy formed in one with chain sprocket. Chromidium front brake drum with cooling fins.

MUDGUARDS. Deep section, finished black with gold lines. Rear guard quickly detachable for tyre repairs.

SADDLE. Large Lycett "Aero" spring seat.

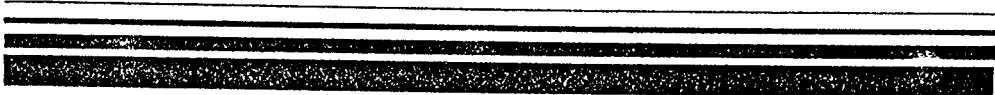
TYRES. 26 in. x 3.25 in. Cord.

LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

FINISH. Black and chromium with gold lines and embossed chromium "M" on tank.

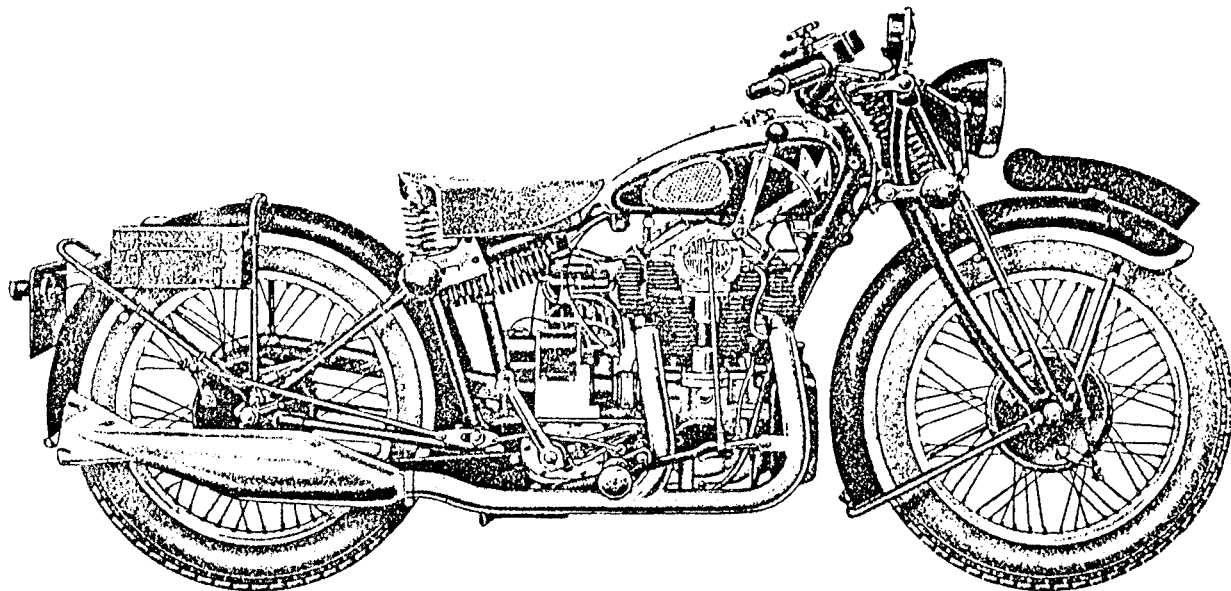
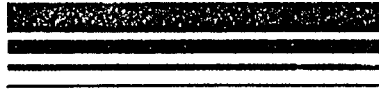
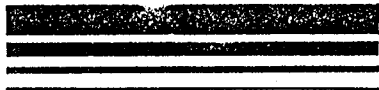
Model 35/C, complete with Magdyno electric lighting and electric horn ... Price. Code Word. **£55 15 0** YA0DY

Model 35/C "DE LUXE," with chromium-edged mudguards and fitted with Magdyno electric lighting with large head-lamp, electric horn, speedometer, oil indicator, ignition switch and illuminated instrument panel above handlebars ... **£59 10 0** YA0JD



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“SILVER HAWK” (Model 35/B) 5.93 H.P. - £78 . 10

SPECIFICATION

ENGINE. “Matchless” double “V” Four-cylinder engine with overhead camshaft valve gear. Monobloc cylinder casting with one-piece detachable head. Two-throw three-bearing crankshaft. Shaft drive to overhead camshaft. Vibrationless and silent in operation and capable of very high power output. Bore 50.8 mm. Stroke 73 mm. Capacity 593 c.c.

LUBRICATION. Full dry sump system with fabric oil filter.

ELECTRICAL EQUIPMENT. Lucas dynamo-coil ignition and lighting set with shaft-driven dynamo.

GEARBOX. Four-speed with hand control. Positive stop foot control, 30/- extra.

TRANSMISSION. From engine to gearbox by duplex roller chain running in oil-bath and fitted with patent automatic tensioning device. Effective guard for rear chain.

FRAME. “Matchless” patent Spring Frame providing complete insulation from road shocks. Finger-adjusted shock absorbers.

TANKS. Petrol tank; capacity 2½ gallons. Separate oil tank; capacity 4 pints.

SPRING FORKS. Wide heavyweight forks with finger-adjusted shock absorbers and steering damper.

TYRES. 26 in. x 3.25 in. Cord.

BRAKES. 8 in. internal expanding brakes on both wheels with inter-connecting gear so that brake pedal applies both brakes together.

SADDLE. Large Lycett “Aero” spring seat with roll back.

STANDS. Spring-up centre stand and separate front wheel stand.

MUDGUARDS. Deep section, with chromium-plated non-rustable beading round edges. Rear guard quickly detachable.

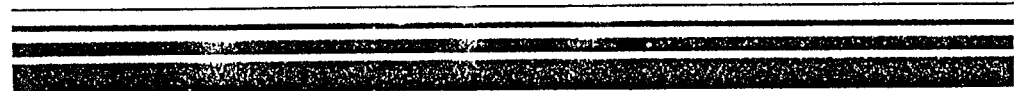
LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

FINISH. Black and chromium with gold lines and chromium “M” on tank. Chromium-plated wheel rims.

EQUIPMENT. This Model is supplied only with complete “DE LUXE” equipment, including electric lighting with large head-lamp, electric horn, speedometer, ignition switch, oil indicator and ignition tell-tale, with instruments mounted on instrument panel above handlebars.

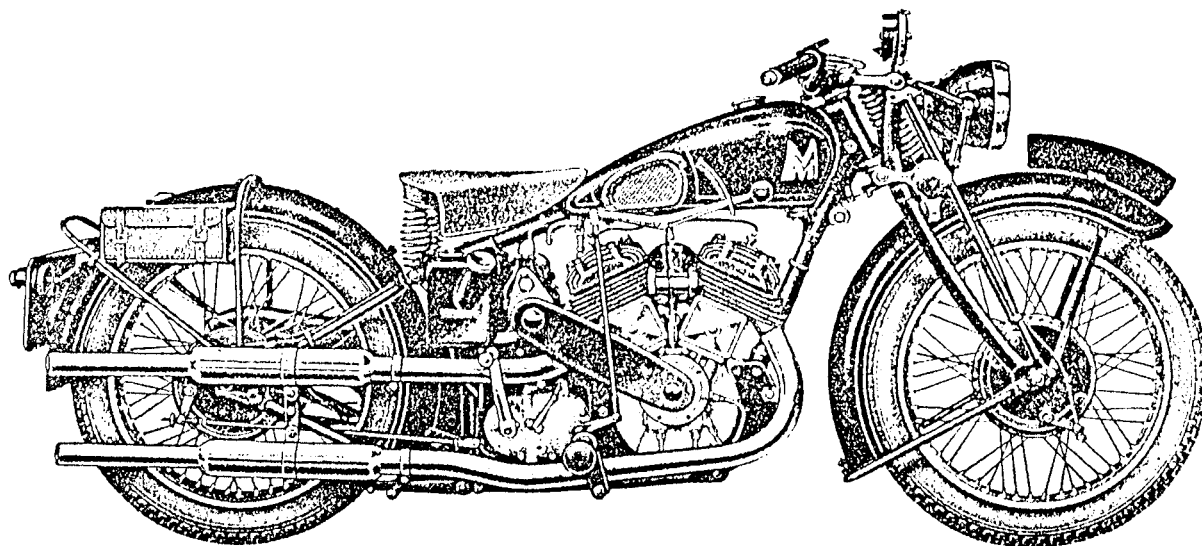
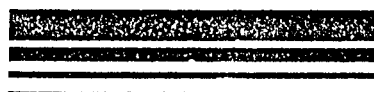
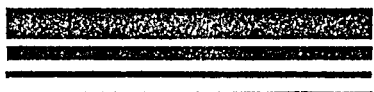
SPEED. Over 80 m.p.h.

“SILVER HAWK” (Model 35/B), with complete “DE LUXE” equipment ... **£78 10 0** Price. Code Word. **YAOPK**



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MODEL 35/X4. 9.9 H.P. - £68 . 15 . 0

SPECIFICATION

ENGINE. "Matchless" "Big-twin" side-valve engine with car-type detachable cylinder heads, enclosed valves, timing gears running in oil-bath, large flywheels to ensure smooth running, exceptionally stiff crankshaft assembly. This engine is remarkable for its high power output, silence in operation and vibrationless running. Bore 85.5 mm. Stroke 85.5 mm. Capacity 990 c.c.

LUBRICATION. Full dry sump system with fabric oil filter, as described on page 4.

GEARBOX. Heavyweight pivot-mounted four-speed gearbox with hand gear control. Foot gear control optional at extra charge of 15/-.

TRANSMISSION. Front chain enclosed in oil-bath chain-case. Rear chain protected by adequate guard with back panel. Shock absorber on engine shaft.

STANDS. Spring-up centre stand and separate front stand.

TANKS. Extra large petrol tank with capacity of 3½ gallons. Separate oil tank under saddle; capacity 4 pints.

SPRING FORKS. Wide heavyweight forks with finger-adjusted shock absorbers and steering damper.

BRAKES. 8 in. Internal expanding brakes on both wheels, with water-excluders. Rear brake operated by pedal on left side of machine. Front brake operated from handlebar.

MUDGUARDS. Deep section, giving exceptional protection against mud. Rear guard quickly detachable for tyre repairs.

SADDLE. Large Lycett "Aero" spring seat mounted on long compression springs at rear.

TYRES. 26 in. x 3.25 in. Cord. 26 in. x 3.50 in. or 27 in. x 4 in. can be fitted at extra charge.

LUGGAGE CARRIER. Detachable luggage carrier, 15/- extra.

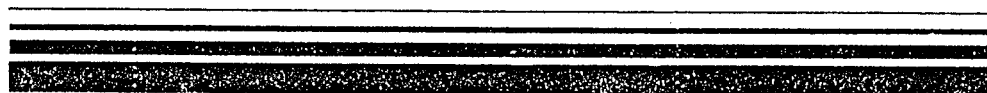
FINISH. Black and chromium with gold lines and embossed chromium "M" on tank. Mudguards on Standard Model gold lined. Wheel-rims chromium-plated.

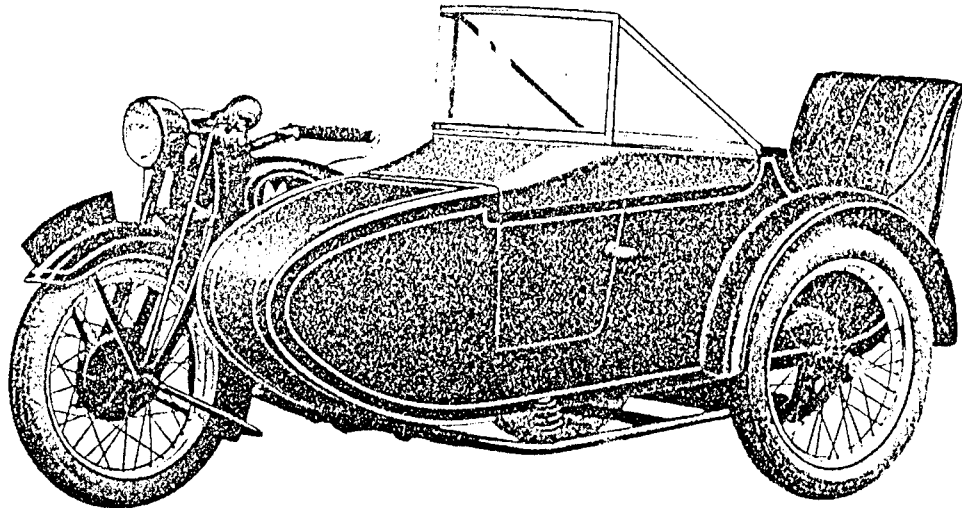
SPECIFICATION. This Model can be supplied to either Standard or Police Specification. Standard specification includes footrests, semi-sports handlebars, hand clutch and right-hand gear change. Police specification includes footboards, upturned touring handlebars, foot clutch and left-hand gear change.

| | | |
|--|----------|------------|
| Model 35/X4, to Standard or Police Specification, complete with Magdyno electric lighting and electric horn | Price. | Code Word. |
| | £68 15 0 | YAOLG |

| | | |
|---|----------|------------|
| Model 35/X4 "DE LUXE," with Magdyno electric lighting with large headlamp, electric horn, speedometer, air filter, oil indicator and illuminated instrument panel above handlebars, and chromium-edged mudguards | Price. | Code Word. |
| | £72 10 0 | YAONJ |

When ordering this model please specify clearly whether "Standard" or "Police" Specification is required.





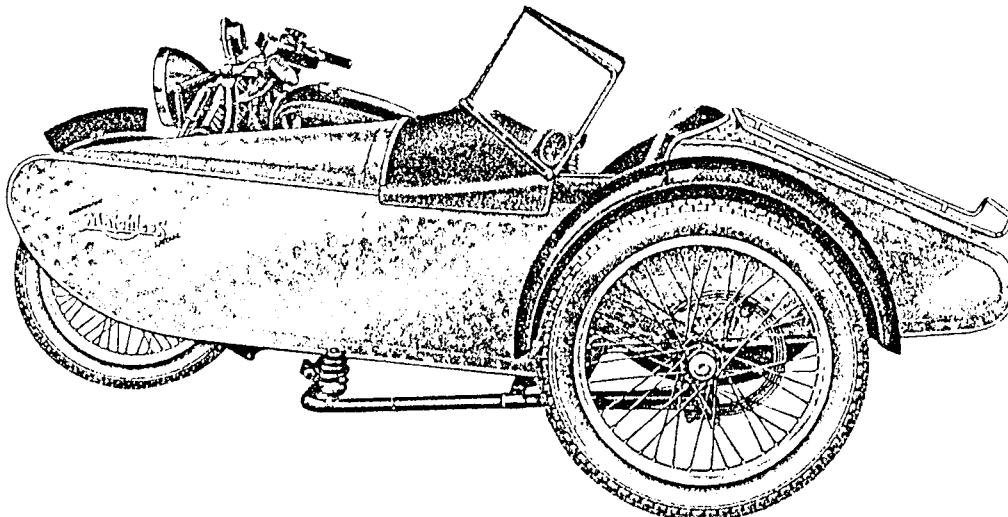
No. 13 TWO-SEATER SIDECAR

(To fit Models 35/C and 35/X4)

This sidecar provides ample accommodation for two adult passengers, but is so designed that when only one passenger is to be carried the back seat folds up and the sidecar then has the appearance of a luxurious single-seater. The design of the rear seat is such that it is quite safe for a child, the sides being well protected. This sidecar is supplied complete with front screen and sidecar lamp. The wheel-rim is chromium-plated.

Price £23 0 0

Code Word .. YAPGA



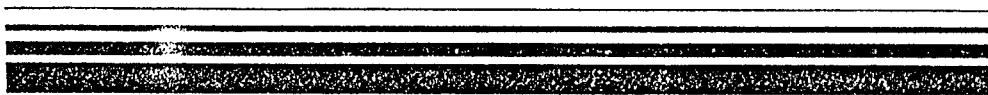
No. 16a "DONINGTON SPECIAL"

(To fit Models 35/C, 35/CS and 35/X4)

This extremely smart and luxurious semi-sports sidecar mounted on a "Matchless" "Big Twin" gained the Premier Award for the best sidecar combination at the Auto Cycle Union National Rally at Donington in August, 1934. It offers luxurious accommodation for the passenger and unusual luggage carrying capacity, since not only is there very large locker space in the sloping tail, but the latter also carries a chromium-plated luggage grid. This sidecar is finished in mottled aluminium, its handsome appearance attracting attention wherever it is seen. Wheel-rim chromium-plated. Supplied complete with windscreen and side lamp.

Price £23 0 0

Code Word .. YAPHE



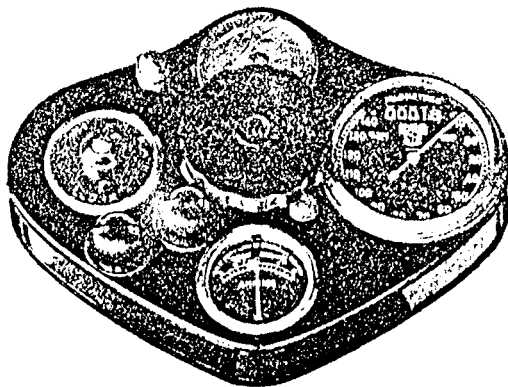
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EQUIPMENT

Below is a schedule of the various items of equipment available for 1935 "Matchless" Motor Cycles and Sidecars, additional or alternative to the standardised equipment quoted on the preceding pages. All items listed below have been specially designed for our Motor Cycles and such items as Sidecar Hoods, Leg-shields, etc., are made throughout in the "Matchless" Factories. We strongly recommend all purchasers of "Matchless" Motor Cycles to use "Matchless" equipment whenever possible.

The Motor Cycles listed in the preceding pages as "De Luxe" Models (except Model 35/F4 "De Luxe") are fitted with the handsome

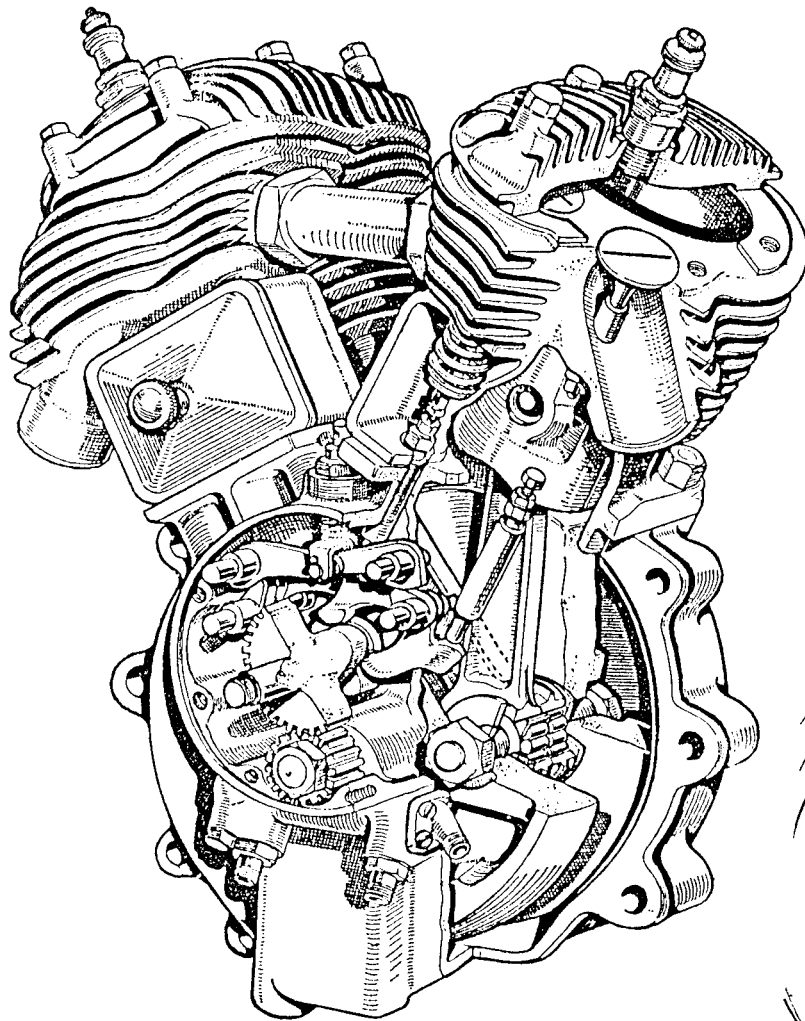


Instrument Panel shown in the illustration on left. On this Instrument Panel, which is carried above the handlebars, are mounted the Speedometer, Ammeter, Lighting-set Switch, Oil Indicator and, in some cases, an Ignition Switch, while provision is made for the fitting of a Smith's Eight-day Clock if required, at the extra price listed below. For night riding the Speedometer and Ammeter are illuminated by concealed lighting controlled by a convenient button switch. "De Luxe" Models fitted with this Instrument Panel

have a large headlamp with black body and chromium-plated rim.

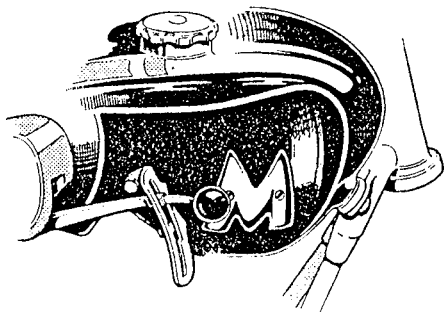
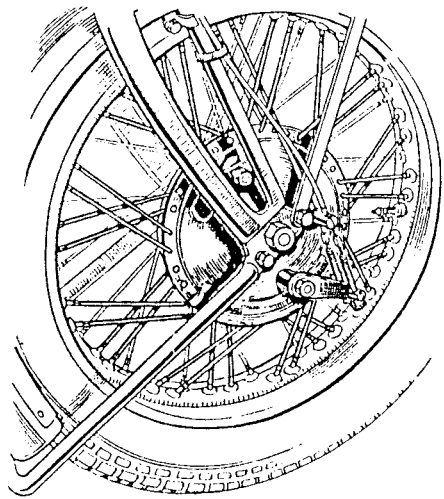
PRICES OF EQUIPMENT

| | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|----------|-----|----|---|
| Detachable Luggage Carrier—All Models | ... | ... | ... | ... | ... | ... | ... | ... | 15 | 0 |
| Eight-day Clock on "De Luxe" Models (except 35/F4 "De Luxe") | ... | ... | ... | ... | ... | ... | ... | £1 | 10 | 0 |
| Legshields | ... | ... | ... | ... | ... | ... | ... | ... | 15 | 0 |
| Gearbox Drive Speedometer—Non-trip | ... | ... | ... | ... | ... | ... | ... | £2 | 0 | 0 |
| Gearbox Drive Speedometer—Trip | ... | ... | ... | ... | ... | ... | ... | £2 | 5 | 0 |
| Lucas Stop Light | ... | ... | ... | ... | ... | ... | ... | ... | 5 | 0 |
| Exhaust Pipe Shields (for high pipes) | ... | ... | ... | ... | ... | ... | per pair | ... | 5 | 0 |
| Pillion Footrests—All Models | ... | ... | ... | ... | ... | ... | per pair | ... | 7 | 6 |
| Mudguard type Pillion Seat | ... | ... | ... | ... | ... | ... | ... | ... | 12 | 6 |
| "Hutchinson" "De Luxe" Pillion Seat (for fitting to luggage carrier) | ... | ... | ... | ... | ... | ... | ... | ... | 15 | 6 |
| Hood for Single-seater Sidecar | ... | ... | ... | ... | ... | ... | ... | £1 | 7 | 6 |
| Oversize Tyres :— | | | | | | | | | | |
| 26 × 3.50—(Any Model except 35/F7 and 35/F4)—per machine | ... | ... | ... | ... | ... | ... | ... | ... | 10 | 0 |
| 27 × 4.00—(Models 35/C, 35/CS, 35/X4 and "Silver Hawk") per machine | ... | ... | ... | ... | ... | ... | ... | £1 | 0 | 0 |



On the left is a sectional drawing of the sturdy Big Twin engine fitted in the "Matchless" Model 35/X4. Note particularly the large diameter shafts, the roller big-end bearings and the simple design of the timing gear. "Lo-ex" Alloy Pistons are used, while the cylinder heads are of the semi-turbulent type giving high power output without fear of knocking or overheating.

Below is shown the front wheel used on the Model 35/X4 and the "Silver Hawk." This is double-spoked on the brake-drum side to ensure absolute reliability with heavy sidecar loads. The dual-control for the front brake shown in the sketch is used only on the "Silver Hawk."



All 1935 "Matchless" Motor Cycles have the tanks finished in glossy hard stoved black enamel decorated with gold lines and a large chromium-plated "M" on each side. The tanks are mounted on rubber buffers to absorb vibration. The contrast between the glossy black enamel and the chromium "M" gives an extremely attractive appearance.