

Matchless
IN NAME & REPUTATION



INTRODUCING THE
1928
RANGE OF
MATCHLESS
MOTORCYCLES

Matchless

IN NAME & REPUTATION

FOREWORD.

WE have no hesitation in saying that the 1928 "MATCHLESS" Motorcycles described in the following pages comprise the most attractive range of machines ever offered to the public.

To the well-known "MATCHLESS" reliability, recognised throughout the world, are added remarkably attractive appearance and extraordinarily complete specifications. The efficiency of every 1928 "MATCHLESS" is backed by twenty-nine years of continuous experience of the manufacture of high-grade motorcycles, and by the resources of one of the largest factories in England devoted solely to the production of motorcycles and sidecars.

During the 1927 season, "MATCHLESS" Motorcycles have gained highest honours in the principal competitions for reliability and speed all over the world, and have been awarded a remarkable number of special trophies, including the coveted "Motor Cycle Trophy." Every buyer of a 1928 "MATCHLESS" can be sure that his machine will give the same outstanding performance.

Many prospective motorcyclists do not desire to pay the whole cost of their machine at once, preferring rather to pay for the machine as they use it. Their requirements can be met in the most effective manner possible by our associated Company, Matchless Hire Purchase Sales, Ltd., through whom we can supply any "MATCHLESS" Model on attractive Hire Purchase terms. Delivery is given upon payment of approximately one-quarter of the total cash price of the machine, the balance, which includes also the cost of a comprehensive Insurance Policy, being spread over twelve monthly payments.

Full particulars, together with the necessary application form, can be obtained in reply to a postcard addressed to Matchless Hire Purchase Sales, Ltd., 44-45, Plumstead Road, Plumstead, London, S.E.18. Every "MATCHLESS" Dealer also has particulars and forms, which he will be pleased to show to any interested person on request.

It should be remembered that if a machine is purchased through us on the Hire Purchase System, the whole transaction is confined to the one concern, with consequent privacy, while the "MATCHLESS" reputation ensures an equitable transaction.

All prices and specifications are subject to alteration without notice, and all machines, together with equipment, are sold subject to the Guarantee on back cover.

H. COLLIER & SONS, LTD.,

Plumstead Road, Plumstead,
London, S.E.18.

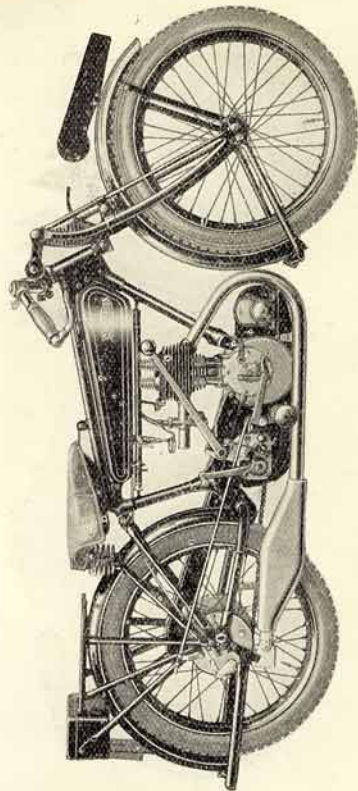
Telegrams: "Matchless Woolwich."
Codes: A.B.C. 5th and 6th Editions, and Bentley's.

Nearest Station: Woolwich Arsenal (Southern Railway).

ALL PREVIOUS LISTS CANCELLED.

Second Edition.

October, 1927.



MODEL "R" SOLO. 2.46 H.P.

One of the most popular Motorcycles in the world, sold at a popular price. The many thousands of these machines already on the road, both at home and abroad, have proved so satisfactory that alterations for the 1928 season are in details only. A considerable improvement in comfort, however, has been achieved by the inclusion of a Lyceet Aero Saddle in the standard specification.

LEADING FEATURES.

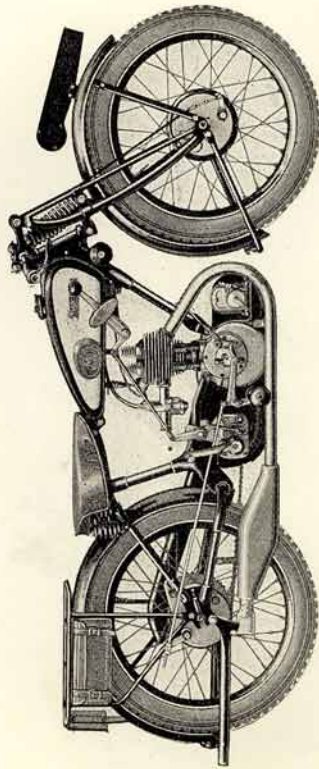
ENGINE. "MATCHLESS" 2.46 h.p., high efficiency four-stroke. **GEARBOX.** Sturmey-Archer 3-speed, with kickstarter. **CLUTCH.** Latest type dryplate, hand control. **TRANSMISSION.** By chain throughout. **LUBRICATION.** Engine, by mechanical oil pump, with tell-tale indicator. Cycle parts by Tecalemit grease gun. **CARBURETTOR.** Two-lever semi-automatic, with pilot jet. **IGNITION.** High-tension magneto, driven by enclosed and automatically lubricated chain. **SILENCER.** "MATCHLESS" improved design, with fishtail. **STANDS.** Strong stands to both wheels. **TANK.** Pressed steel of heavy gauge, easily detached. **FRAME.** Distinctive "MATCHLESS" design, giving low riding position. **FORKS.** "MATCHLESS" with frictional shock absorbers, and lubricated by grease gun. **BRAKES.** Two large internal expanding brakes on rear wheel. **HANDLEBARS.** Adjustable and fitted with rubber grips. **SADDLE.** "Lyceet" Aero Spring Seat. **WHEELS.** Built with heavy gauge spokes on steel hubs, with Timken roller bearings. **TYRES.** 2 1/2" X 2 1/2" Palmer Cord. **CARRIER.** Double trussed, with pressed steel tool-box. **MUDGUARDS.** Large-domed guards front and rear. **FOOTRESTS.** Rubber covered. **Finished in Black and Gold, with usual parts heavily nickel-plated, and supplied complete with full kit of tools, tyre pump, and instruction book.**

USEFUL DIMENSIONS.

Bore, 62.5 mm. Stroke 86 mm. Capacity, 246 c.c.
Gear ratios, 6.1, 9.4, and 16.8 to 1. Overall length, 6' 6". Overall width, 2' 8".
Petrol consumption, 125 m.p.g. Approximate speed, 50 m.p.h.
Saddle capacity: 11 pints petrol, 3 pints oil. Weight, 184 lbs.
Saddle height, 27". Annual Tax, £1 10s.

To Standard Specification	Price.	Code Word.
With Acetylene Head Lamp and Bulb Horn 33 Guineas.	YICHO
With Lucas Magdyno Electric Lighting Set, Bulb Horn, Bonniksen Speedometer, and Leg Shields £36 6 6	YICIG
 £45 0 6	YICKY

Delivery free to any part of the United Kingdom and Northern Ireland.
Sold subject to Guarantee on Back Cover.



MODEL "R/S" SOLO 2.46 H.P.

An entirely new Model for 1928, incorporating the famous Model "R" engine, but with a new frame and tank, giving a very graceful and sporting appearance, and an exceptionally low saddle position. This Model is as suitable for the sporting rider as for the tourist, while the very low saddle makes it an ideal machine for a lady rider.

LEADING FEATURES.

The general specification is similar to that of the standard Model "R" described on the previous page, but the following special features are incorporated:—
FRAME. Special "Marculess" design, giving a saddle position only 25½" from the ground, and a remarkably comfortable riding position.

TANK. Large and handsome pressed steel saddle tank, with welded seams throughout, and fitted with large quick action filler caps. Stove enamelled black, with white cellulose enamel panel and gold "Marculess" transfer on each side, and nickel-plated centre strip on top. Three-point suspended on rubber buffers.

GEAR CONTROL. Gear-change quadrant, mounted on special frame bracket alongside tank, by grease gun.

FORKS. New type "Marculess" spring fork, with progressive action spring; lubricated STANDS. "Marculess" patent spring-up stand to rear wheel. Strong stand to front wheel.

CARRIER. Large tubular luggage carrier, with two pannier tool-bags.

KNEEGRIPS. Included in standard specification.

TYRES. 25" X 2.75" Palmer Cord.

BRAKES. Large internal expanding brakes on both wheels.

MAGNETO. Protected by special quickly detachable shield.

HANDLEBARS. Sports type, fitted as standard. Touring type at option.

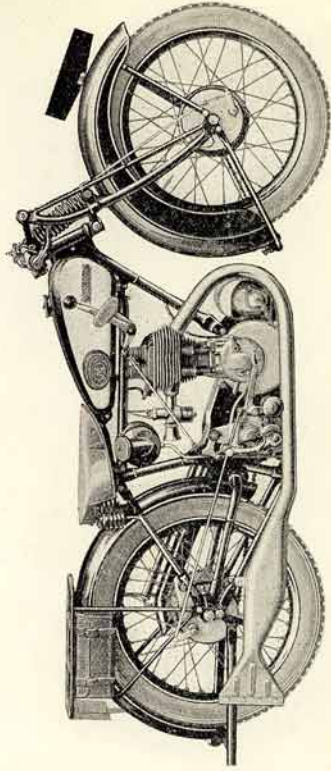
USEFUL DIMENSIONS.

As Standard Model "R," with following exceptions:—

Tank capacity: Petrol, 4½ gallons; oil, 2 pints. Weight, under 200lbs.
 Saddle height, 25½". Annual Tax, £1 10s.

	Price.	Code Word.
Model "R/S" to Standard Specification ...	£36 10 0	YOYOJ
With Acetylene Head Lamp and Bulb Horn ...	£38 3 6	YOYUK
With Lucas Magdyno Electric Lighting Set, Bulb Horn, Bonniksen Speedometer, and Legshields ...	£46 17 6	YOYZM

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MODEL "T/3" 4.98 H.P. AND "T/4" 3.47 H.P. SOLO.

Two entirely new Models, incorporating all the proved features of the 1927 Model "T" and "T/2" machines, but with greatly improved specification and very attractive appearance. The Model "T/3" is an ideal dual-purpose machine, particulars of this machine as a sidecar combination being given on page 6. One specification is given for both Models, as they differ only in the size of the engine.

LEADING FEATURES.

ENGINE. "Marculess" high efficiency side-valve type. "T/3," 498 c.c.; "T/4," 347 c.c. **GEAR-BOX.** "Sturmev-Archer" 3-speed, with kickstarter.

GEAR-CHANGE. Gear-quadrant, mounted alongside tank on special frame bracket.

CLUTCH. Latest dry-plate type, with multiple springs.

TRANSMISSION. By chain, with "Marculess" patent friction controlled shock absorber.

LUBRICATION. Engine by mechanical pump with sight feed. Cycle parts by grease gun.

IGNITION. High tension magneto, driven by enclosed and automatically lubricated chain.

SILENCER. Graceful and effective taper type, with large fish-tail.

STANDS. To both wheels, rear stand being "Marculess" patent spring-up type.

FRAME. "Marculess" trussed frame, with duplex torque stays and duplex detachable tank rails. Integral sidescar lugs.

TANKS. Large and handsome pressed steel saddle tank for petrol only, welded throughout, and fitted with large quick-action filler cap. Stove enamelled black, with white cellulose enamel panel and gold "Marculess" transfer on each side, and nickel-plated centre strip on top. Three-point suspended on rubber buffers. Separate oil tank under saddle. Tank capacity: Petrol, 2 gallons; oil, 3 pints.

FORKS. New type "Marculess" spring forks, with progressive action spring and frictional shock absorbers. Lubricated by grease gun.

BRAKES. Large internal expanding brakes to both wheels.

HANDLEBARS. Adjustable sports type, with rubber grips. Semi-sports at option.

SADDLE. Lycett "Aero" Spring Seat, set very low. Height of saddle, 26".

WHEELS. Mounted on steel hubs, with Timken roller bearings.

TYRES. 26" X 3.25" Palmer Cord.

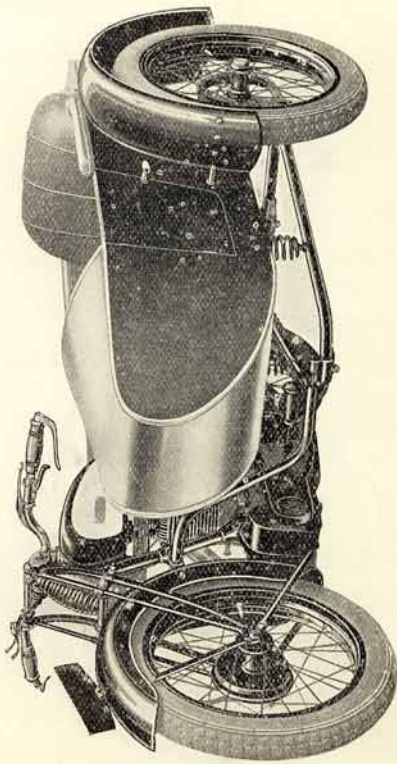
CARRIER. Large tubular type, with two pannier tool-bags.

KNEEGRIPS. Included in standard specification.

Finished in black, with white tank panels, usual parts heavily nickel-plated, and supplied complete with full kit of tools, grease gun, tyre pump, and instruction book.

	MODEL "T/3."	MODEL "T/4."
To Standard Specification ...	Price. £43 10 0	Price. £42 10 0
With Acetylene Head Lamp and Bulb Horn ...	ZOCAD	ZOCIG
With Lucas Magdyno Electric Lighting Set, Bulb Horn, Bonniksen Speedometer, and Legshields ...	£45 3 6	£44 3 6
	ZOCEF	ZICKY
	£53 17 6	ZOCHO
	£52 17 6	ZOCUJ

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Sold subject to Guarantee on Back Cover.



MODEL "T/3" 4.98 H.P. SIDECAR COMBINATIONS.

The Model "T/3" 4.98 h.p. "MATCHLESS" has been designed especially as the ideal dual-purpose machine. It is capable of taking a fully-loaded touring sidecar in the hilliest country, having ample power for the most adverse conditions. Owing to its comparatively light weight, however, it is very economical in use, and can be recommended to those to whom economy in operation, as well as economy in first cost, is an important point. Two types of sidecars are available, made throughout in our own factory.

MODEL "T/3" TOURING SIDECAR.

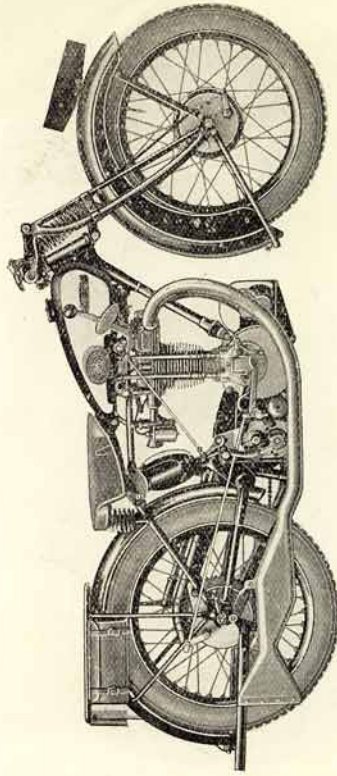
This sidecar (illustrated above) embodies the well-tried Model "T" chassis, but is fitted with an entirely new type of touring body, giving exceptionally commodious accommodation with a sporting appearance. The room provided is indicated by the fact that the body is 19" wide inside, and the seat cushion is 18" deep, with a high back cushion. At the rear is a large locker fitted with a lift-up lid, covered with aluminium matting, and adapted as a luggage grid. The nose panel is polished aluminium, but the side and rear panels are stove-enamelled black, with aluminium beading. The interior of the body is finished in grained leather cloth, with detachable side upholstery. Sidecar wheel fitted with 26" x 3.25" Palmer Cord tyre. Price £14 10s.

MODEL "T/3" SPORTS SIDECAR.

This is a smaller edition of the famous "MATCHLESS" Sports Sidecar so widely used by leading competition riders. Designed to combine extreme comfort with sporting appearance, low weight, and small wind resistance. Finished in polished aluminium throughout, and fitted with 26" x 3.25" Palmer Cord tyre. Price £14 10s.

	Price.	Code Word.
Standard Model "T/3" 4.98 h.p. Touring or Sports Combination to Catalogue Specification ...	£58 0 0	ZODEG
As above, with Acetylene Lighting Set (three lamps), Bulb Horn, and Sidecar Windscreen ...	£62 11 6	ZODFA
As above, with Lucas Magdyno Electric Lighting Set, Bulb Horn, Sidecar Windscreen and Hood, Legshields, and Bonniksen Speedometer ...	£72 0 0	ZODJO

Delivery free to any part of the United Kingdom and Northern Ireland.
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MODEL "T/S" 3.47 H.P. SPORTS SOLO.

An entirely new "MATCHLESS" Model, which, with its highly efficient two-port o.h.v. engine and handsome appearance, will make a strong appeal to the sporting rider who requires a fast and attractive sports machine at a very low price. It can be fitted with either of the sidecars described on page 6.

LEADING FEATURES.

The general design is similar to the Model "T/3" described on page 5, and includes the new "MATCHLESS" trussed frame, with its duplex torque stays and tank rails, the handsome black and white cellulose enamelled saddle tank holding petrol only, the "MATCHLESS" spring-up rear stand, the new "MATCHLESS" patent transmission shock absorber, and the other special features mentioned. The engine is described below.

MODEL "T/S" ENGINE. "MATCHLESS" 3.47 h.p. o.h.v. two-port sports engine, designed and built in the "MATCHLESS" factory. Large inclined overhead valves operated by push rods and overhead rockers, the rockers working on large diameter bearings in aluminium overhead rocker-box containing grease reservoir. Grease gun nipples provided for rocker bearings and push rod ends. Heavily finned two-port cylinder head of latest design. Aluminium piston, with floating gudgeon pin, roller big-end bearings, and all latest features. Bore, 69 mm. Stroke, 93 mm. Capacity, 347 c.c. Maximum power, over 16 B.H.P.

EXHAUST SYSTEM. Two large diameter exhaust pipes terminating in large silencers of graceful appearance, with large fish-tails.

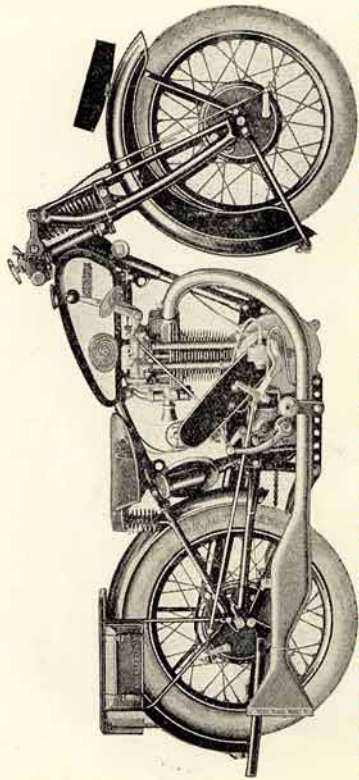
ENGINE MOUNTING. In addition to the very rigid mounting provided by the "MATCHLESS" trussed frame with the duplex torque stays attached to the bottom of the crankcase, the engine is held at the top by the off-side tank rail, which is split and rigidly bolted to the overhead rocker-box. The torque reaction set up by the highly efficient engine is thus completely absorbed.

STEERING DAMPER. A "MATCHLESS" steering damper, adjustable by means of a large finger-grooved knob above the handlebar, is included in the standard specification.

	Price.	Code Word.
Model "T/S" Solo to Standard Specification ...	£46 10 0	ZIYAT
With Acetylene Head Lamp and Bulb Horn ...	£48 3 6	ZIYBD
With Lucas Magdyno Electric Lighting Set, Bulb Horn, and Bonniksen Speedometer ...	£56 2 6	ZIYCF

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Sold subject to Guarantee on Back Cover.



MODEL "L/R2" 3.47 H.P. and MODEL "V/2" 4.95 H.P. SUPER SPORTS.

These two Models are new productions for 1928, and are identical except for the engine, the Model "L/R2" being fitted with the famous "MATCHLESS" overhead camshaft engine, the pioneer of its type, and the Model "V/2" with an improved example of the 1927 "MATCHLESS" Model "V", Super-Sports engine, which earned fame in the 1927 season by gaining a first class award in every trial in which it was entered, and many speed successes.

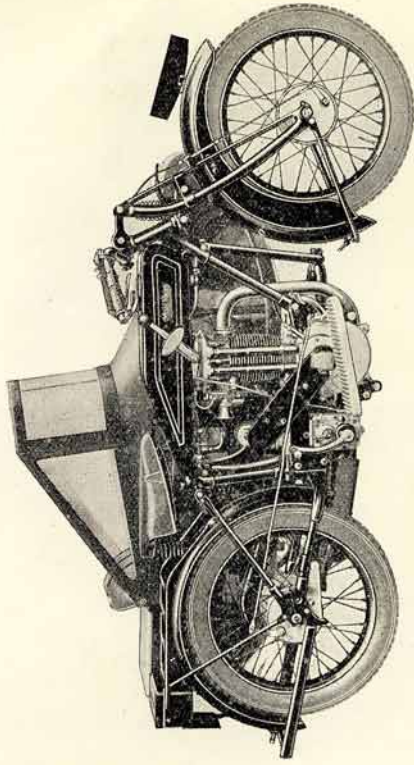
Either Model may be fitted with sidecars described on page 6.

LEADING FEATURES.

ENGINE. Model "V/2" two-hort 495 c.c. push rod o.h.v. engine, with valve gear totally enclosed and automatically lubricated.
 Model "L/R2" single-part 347 c.c. overhead camshaft.
GEAR-BOX. Sturmey-Archer 3-speed close ratio, with kickstarter.
CLUTCH CONTROL. Carried on special frame bracket alongside tank.
LUBRICATION. Engine by duplex oil pump with sight feed. Cycle parts by grease gun.
SILENCER. On Model "V/2" two 2" exhaust pipes, with two nickel-plated silencers and detachable fish-tails. Model "L/R2" one pipe and silencer only.
STANDS. To both wheels; spring-up at rear.
TANKS. Pressed steel saddle tank with white cellulose panels, as described on page 5. Separate oil tank below saddle. Knockings standard. Petrol 2 gallons; oil 3 pints.
TRANSMISSION. All chain with "MATCHLESS" patent friction controlled shock absorber.
FRAME. New design "MATCHLESS" trussed frame, with duplex torque stays.
FORKS. New type "MATCHLESS" forks, with progressive action compression spring and special shock absorbers.
BRAKES. "MATCHLESS" 8" brakes on both wheels, both foot operated. Finger adjusted.
FOOTRESTS. Adjustable in every direction, with six optional pivot points.
SADDLE. Lycett "Aero", set remarkably low. Saddle height, 26".
WHEELS. Built up with heavy gauge spokes on "MATCHLESS" steel hubs, with Timken roller bearings.
TYRES. 26" X 3.25" Palmer Cord.
STEERING DAMPER. Adjusted by large finger grip knob above handlebars.
CARRIER. Large modular type, with two painter bags. Handhold stay optional.
 Finished in Black, with white panels, usual parts heavily nickel-plated. Supplied complete with full kit of tools, tyre pump, grease gun, and instruction book.

MODEL "L/R2"		MODEL "V/2"	
To Standard Specification	Price	To Standard Specification	Price
With Acetylene Head Lamp and Bulb Horn	£57 0 0	ZOJLE	£55 0 0
With Lucas Magdly Electric Lighting Set, Bulb Horn, and Bonniksen-Speedometer	£57 8 6	ZOJNO	£57 8 6
		ZOLAM	
		ZOJUP	£64 16 6
		ZOLEN	£64 16 6

SPECIAL RACING MODEL "V/2."—A special Racing Model "V/2" will be available, fitted with racing cams, valves, etc., and guaranteed to do 85 m.p.h., at **£62 10s.**
Sold subject to Guarantee on Back Cover.



MODEL "M" 5.91 H.P.

Designed for the special purpose of providing the maximum of service with the minimum of attention, the "MATCHLESS" Model "M," after several years experience, remains unrivalled as an economical "big" machine. Its unique overhead-valve low-compression engine has, at moderate speeds, a power output equal to that of the average big twin, but an exceptionally low petrol consumption.

LEADING FEATURES.

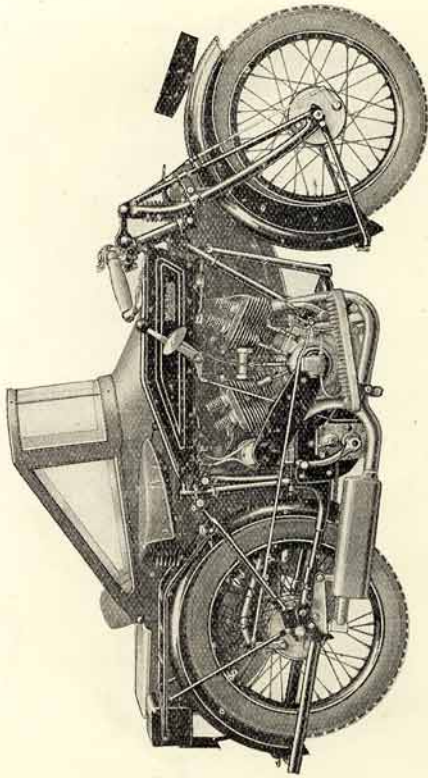
ENGINE. "MATCHLESS" single-cylinder 591 c.c. low compression o.h.v. engine, with all the gear totally enclosed.
TRANSMISSION. Sturmey-Archer 3-speed gear, with clutch and kickstarter, and "MATCHLESS" patent transmission shock absorber.
LUBRICATION. Engine by mechanical oil pump, cycle parts by grease gun.
SPRING FORKS. "MATCHLESS" heavyweight, with shock absorbers.
HANDLEBARS. Adjustable; upturned touring, or sports types at option.
FOOTBOARD. Covered with thick shock-absorbing rubber mats.
WHEELS. Carried on Timken roller-bearing hubs, with 26" X 3.25" Palmer Cord Tyres.
BRAKES. Large internal expanding on both wheels.
SADDLE. Lycett "Aero" Spring Seat.
FINISH. Black and Gold. Usual parts heavily nickel-plated.

SIDECARS.

Can be supplied with any of the Sidecars described below.
TOURING. New design commodious Touring Body, as described on page 6, but fitted on heavyweight chassis. Price £17 0 0
SPORTS. The famous "MATCHLESS" Sports Body, finished in polished aluminium throughout, and mounted on heavyweight chassis. Price £17 0 0
DUAL-PURPOSE TWO-SEATER. As illustrated on page 13. Provides ample accommodation for two adults, rear seat folding up when not required. Price £22 0 0
"EMPIRE" TYPE TWO-SEATER. Fixed type two-seater Body, providing exceptional accommodation for two adults. Price £22 0 0

Model "M" Solo to Standard Specification	Price	Code Word
Ditto, fitted with single-seater Touring or Sports Sidecar to Standard Specification	£52 10 0	YIPER
Ditto, fitted with dual-purpose two-seater or "Empire" two-seater Sidecar	£69 10 0	YIPRE
Ditto, with two-seater Sidecar, and fitted with Acetylene Lighting Set, Bulb Horn, and two Sidecar Windcreens	£74 10 0	YIPUV
Ditto, with two-seater Sidecar, and fitted with Lucas Magdyno Electric Lighting Set, Bulb Horn, and Bonniksen-Speedometer	£81 6 6	YISTA
Ditto, with two Windcreens, Hood, and Cover	£92 18 6	YITUB

Sold subject to Guarantee on Back Cover.



MODEL "M/3" 9.9 H.P.

"MATCHLESS" big twins have been famous since first the high-powered motorcycle became a practical proposition. The Model "M/3," with detail alterations only, remains the standard "MATCHLESS" big twin combination for 1928. Fitted with a "MATCHLESS" designed and "MATCHLESS" built engine of 9.9 h.p. A.C.U. rating, it has power to spare for heavy work and high speeds, coupled with the smoothness of operation which is characteristic of a good twin.

LEADING FEATURES.

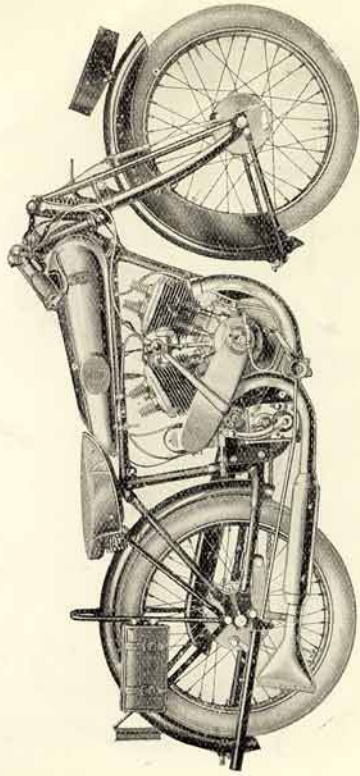
ENGINE. "Matchless" 500 V-twin engine of high efficiency side valve type. Bore, 85.5 mm. Stroke, 85.5 mm. Capacity, 990 c.c.
 TRANSMISSION. Sturmey-Archer 3-speed gear, with clutch and kickstarter, and "Matchless" patent transmission shock absorber.
 LUBRICATION. Engine by mechanical oil pump; cycle parts by grease gun.
 SPRING FORKS. "Matchless" heavyweight, with shock absorbers.
 HANDLEBARS. Adjustable; upturned touring, or sports types at option.
 FOOTBOARDS. Covered with thick shock-absorbing rubber mats.
 WHEELS. Carried on Timken roller-bearing hubs, and with 26" X 3.25" Palmer Cord Tyres.
 BRAKES. Large internal expanding on both wheels.
 SADDLE. Lycett "Aero" Spring Seat.
 FINISH. Black and Gold. Usual parts heavily nickel-plated.

SIDECARS.

The Model "M/3" can be fitted with any of the sidecars described on page 9. The touring and two-seater sidecars are finished in Black and Aluminium; the sports sidecar is finished throughout in polished aluminium.

Model	Price	Code Word.
"M/3" Solo to Standard Specification ...	£64 10 0	YIVBO
Ditto, fitted with single-seater Touring or Sports Sidecar to Standard Specification ...	£81 10 0	YIVIZ
Ditto, fitted with dual-purpose two-seater or "Empire" two-seater Sidecar to Standard Specification ...	£86 10 0	YIVUC
Ditto, with two-seater Sidecar, and fitted with Acetylene Lighting Set, Bulb Horn, and two Sidecar Windcreens ...	£93 6 6	YIZEC
Ditto, with two-seater Sidecar, and fitted with Maglyno Electric Lighting Set, Bulb Horn, Bonniksen Speedometer, Legshields, Sidecar Step, two Windcreens, Hood and Cover ...	£104 18 6	YOAMS

Sold subject to Guarantee on Back Cover.



MODEL "M/3S" SPORTS SOLO 9.9 H.P.

This machine is so well known among those who favour a Sports big twin solo machine that it needs little recommendation. It should be emphasised however, that the "MATCHLESS" Model M/3S provides a road performance equal to that of the highest-priced machines of its class at the price of a standard touring mount. In appearance it is unsurpassed, its speed capabilities are beyond what even the fastest rider can really need, while its reliability is up to "MATCHLESS" standard. The machine can be supplied with or without luggage carrier, as desired, a special hand-hold stay as shown in the illustration being fitted when the luggage carrier is not required.

Experience has shown the design to be so satisfactory that it has been deemed advisable to make no important alterations for 1928.

LEADING FEATURES.

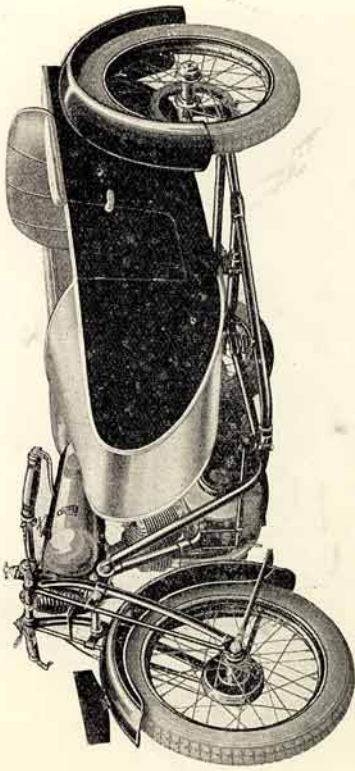
ENGINE. "Matchless" Sports V-twin engine, 9.9 h.p. A.C.U. rating, with nickel-plated cylinders, aluminium pistons, floating gudgeon pins, roller big ends.
 GEAR-BOX. Sturmey-Archer heavyweight close ratio 3-speed gear, with clutch and kickstarter.
 TRANSMISSION. All chain, incorporating "Matchless" patent shock absorber.
 LUBRICATION. Engine by mechanical pump, with sight feed. Cycle parts by grease gun.
 CARURETTOR. Two-lever sports, with twist grip throttle control.
 FRAME. Special "Matchless" sports frame, providing low-saddle position.
 FORKS. "Matchless" heavyweight girder spring forks, with shock absorbers.
 STEERING DAMPER. Adjustable steering damper, built in at bottom of head.
 HANDLEBARS. Sports type, adjustable, with long rubber grips.
 FOOTRESTS. Rubber covered.
 WHEELS. On Timken roller-bearing hubs, and fitted with 26" X 3.25" Palmer Cord tyres.
 BRAKES. Large internal expanding to both wheels.
 SADDLE. Lycett "Aero" Spring Seat.
 TANK. Large bulbous saddle tank, nickel-plated, with black and gold top panel; knee-grips, standard.

USEFUL DIMENSIONS.

Bore, 85.5 mm. Stroke, 85.5 mm. Capacity, 990 c.c.
 Overall length, 7' 7". Width, 2' 10 1/2".
 Saddle height, 29". Weight, 315 lbs.
 Tank capacity: Petrol, 2 gallons; oil, 4 pints.
 Maximum speed, over 80 m.p.h.

Model	Price.	Code Word.
"M/3S" Solo to Standard Specification	£70 0 0	YOCAJ
Ditto, fitted with Acetylene Head Lamp Set and Bulb Horn	£72 8 6	YODAK
Ditto, with Lucas Maglyno Electric Lighting Set, Bulb Horn, Bonniksen Speedometer, and Legshields	£80 11 6	YOECK

Delivery free to any part of the United Kingdom and Northern Ireland.
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MODEL "M/3S" SPORTS SIDECAR COMBINATION 9.9 H.P.

For those who desire to own a sidecar combination with exceptional high speed and hill-climbing capabilities, the "M/3S" Combination is the ideal outfit, since coupled with the high standard of performance is exceptional durability and most attractive appearance. The Model "M/3S" is noted also for its exceptional silence and its ability to pull a high top gear, giving an effortless motion which cannot be realised by those who have not ridden this machine. It should be remembered that the "MATCHLESS" "M/3S" is a real sports machine, not merely a touring machine with sports handlebars and special silencer.

SIDECARS.

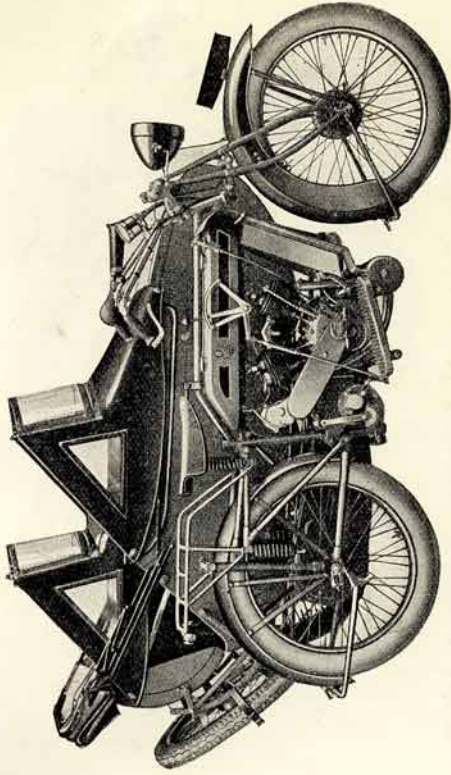
For the 1928 season, the Model "M/3S" may be fitted with any of the "M" series of sidecars described on page 9. The illustration above shows the new Touring Sidecar, which combines sporting appearance with the comfort of the most luxurious type of touring body. Also available is the big "MATCHLESS" Sports body, finished in polished aluminium, designed specially for competition work. Slung low to allow of fast cornering, it involves a minimum of wind resistance and yet provides very comfortable accommodation for a long journey.

Two-seater sidecars can be fitted to the "M/3S," but they involve the use of upturned touring handlebars.

A choice of four different sets of gear ratios is available for this combination, in order to meet all possible requirements, and advice as to the most suitable set to adopt will be given on request.

Model	Price.	Code Word.
"M/3S," with Touring or Aluminium Sports Sidecar to Standard Specification ...	£87 0 0	YOCEK
Ditto, fitted with Acetylene Lighting Set, Bulb Horn, and Sidecar Windscreens ...	£92 9 0	YODEL
Ditto, fitted with Lucas Magdyno Electric Lighting Set, Bulb Horn, Sidecar Windscreens and Hood, Legshields, and Bonniksen Speedometer ...	£101 4 0	YOEGN

Add Code Word "ZOLMA" if Sports Sidecar is required.
 Delivery free to any part of the United Kingdom and Northern Ireland.
Sold subject to Guarantee on Back Cover.



MODEL "H" SPRING FRAME COMBINATION 9.9 H.P.

Recognised throughout the world as the most luxurious Sidecar Combination ever offered to the public, the Model "H" Spring-frame "MATCHLESS" still maintains its popularity amongst those motorcyclists to whom comfort, silence, and luxury of travel are outstanding requirements. The remarkable comfort provided by the fact that all three wheels are fully sprung, so that both motorcycle and sidecar are completely insulated from road shocks, is further enhanced by the inclusion of Dunlop Cord Balloon Tyres and a spring-seat saddle in the standard specification. The Model "H" can be obtained with a single-seater touring body, with the dual-purpose two-seater body illustrated above, or with the "Empire" type two-seater body. (Immediate delivery of this Model cannot be guaranteed, since it is built to special order only.)

LEADING FEATURES.

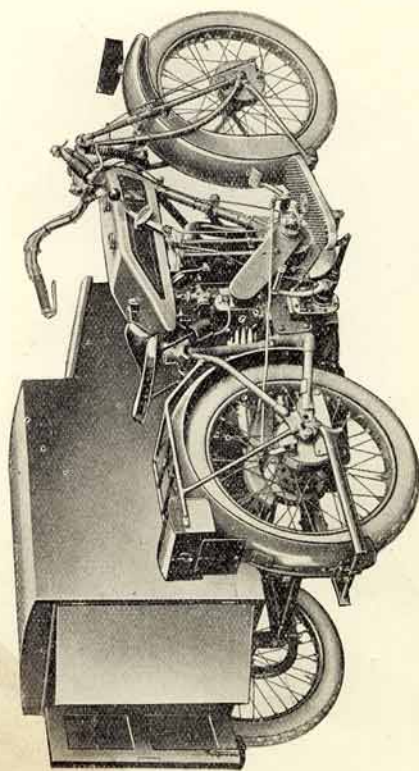
High efficiency "MATCHLESS" 9.9 h.p. twin-cylinder engine, mechanical lubrication, with emergency semi-automatic hand pump, "MATCHLESS" indestructible 3-speed gear-box, with all-metal double-V foot-controlled clutch, kickstarter, interconnected with exhaust lifter, "Silent" chain from engine to gear-box, roller rear chain, both entirely enclosed in oil-tight chain cases, "MATCHLESS" patent spring frame, all three wheels fully sprung, double action spring forks, "MATCHLESS" patent detachable and interchangeable wheels, fitted with Dunlop Cord Balloon Tyres, two internal expanding brakes, sprung luggage carrier, and spring-seat saddle. Finished in Black and Gold, with usual parts heavily nickel-plated.

With single-seater Body to Standard Specification ...	Price.	Code Word.
As above, fully equipped with Lucas Magdyno Electric Lighting Set, Bulb Horn, Spare Wheel and Tyre, Rear-drive Speedometer, Windscreens with raised Dash and Sidescreens, Waterproof Hood with Cover, Legshields, and Sidecar Stop	£120 0 0	YOPAV
With two-seater "Empire" or dual-purpose Sidecar to Standard Specification ...	£144 1 0	YOSAZ
With dual-purpose or "Empire" two-seater Body and fully equipped with Lucas Magdyno Electric Lighting Set, Electric Horn, Spare Wheel and Tyre, Rear-drive Speedometer, two Windscreens with dual-purpose Hood and Cover, Legshields, and Sidecar Stop ...	£125 0 0	YOPCY
Delivery free to any part of the United Kingdom and Northern Ireland.	£150 12 0	YOSEE

Sold subject to Guarantee on Back Cover.

EQUIPMENT PRICES.

Particulars of Equipment.	MODELS.	MODELS.	MODELS.
	"R," "R/S," "T/3," "T/4" and "T/S."	"L/R2" and "V2."	"M," "M/3," and "M/3S."
	£ s. d.	£ s. d.	£ s. d.
Acetylene Head Lamp and Generator...	1 6 0	1 17 0	1 17 0
Acetylene Head and Tail Lamps and Generator ...	1 11 6	2 2 6	2 2 6
Acetylene Head, Side & Tail Lamps, and 2 Generators	2 16 6	3 10 0	3 10 0
Electric Lighting Set—Solo	5 5 0	5 5 0	5 5 0
Electric Lighting Set—Sidecar Combination ...	5 15 0	5 15 0	5 15 0
Bulb Horn ...	0 7 6	0 11 6	0 11 6
Lucas Electric Horn ...	1 5 0	1 5 0	1 5 0
Bonniksen Speedometer (Non-trip) ...	4 0 0	4 0 0	4 0 0
Bonniksen Speedometer (Trip) ...	4 10 0	4 10 0	4 10 0
Touring Sidecar Windscreen	1 7 6	1 7 6	1 7 6
Saloon Hood for above ...	1 15 0	1 15 0	1 15 0
Sports Sidecar Windscreen	1 1 0	1 1 0	1 2 6
Footboards, per pair ...	1 0 0	—	—
Legshields ...	0 15 0	0 15 0	0 15 0
Sidecar Step—Single-Seater	0 7 0	—	0 7 0
Sidecar Step—Two-Seater	—	—	0 8 0
Lettering Number Plates ...	0 4 0	0 4 0	0 4 0



"MATCHLESS" MOTORCYCLE VANS.

For many years Sidecar Combinations for commercial purposes have been a prominent feature of the "MATCHLESS" programme. The "MATCHLESS" G.P.O. Mail Van is a common sight all over the country, and traders by the score can testify to the excellence of "MATCHLESS" Combinations for daily delivery work. Thanks to the fact that the whole of the transport connected with the "MATCHLESS" factories is carried out by "MATCHLESS" Combinations, every machine built incorporates first-hand and up-to-date experience.

An exact duplicate of the G.P.O. Mail Van, with a 9.9 h.p. engine and interchangeable wheels, can be supplied, but the most popular Model is the Model "M" 5.91 h.p., with one of three standard bodies—open, domed top, or Air Mail type. The extraordinary economy and durability of the Model "M" makes it particularly suitable for commercial work.

Note that on the Model "M" Commercial and Touring Bodies are interchangeable in a few minutes, so that it is possible to use the machine for business during the week, and change over to a Touring Body with a minimum of trouble if the machine is required for pleasure purposes at the week-end.

Further details will be supplied on request. Special bodies to meet trade requirements not covered by the Standard Bodies can be quoted for.

PRICES.

	Price.	Code Word.
Model "M" Motorcycle Van Combination, with Open Body, 4' X 1' 7" X 2' (12 cu. ft.), to Standard Specification ...	£69 10 0	YOWAD
As above, with domed-top Body to same dimensions ...	£70 10 0	YOWDA
As above, with "Air Mail" Body, 4' X 2' 3" X 2' 3" (15 cu. ft.), with double-folding doors at rear and lift-up lid at front, to Standard Specification ...	£75 0 0	YOWEF
The Model "M/3" 9.9 h.p. Motorcycle may be had with any of the above Van Bodies in place of the Model "M" 5.91 h.p. machine, at an extra charge of £12 (YOZMY).		
Model "J" G.P.O. 9.8 h.p. Combination, with G.P.O. Type Body (35 cu. ft.) with double-folding doors at rear and lift-up lid at front, interchangeable and Detachable Wheels all round, to Standard Specification ...	£95 0 0	YABOV

Sold subject to Guarantee on Back Cover.

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

GUARANTEE.

We give the following guarantee with our Motorcycles, Motorcycle Combinations, and Sidecars, which is given in place of any 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 which have been used for "hiring-out" or "racing" purposes, or from which the trade mark, name, or manufacturing number has been removed, no guarantee 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 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 and sidecar. We undertake, subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As the 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 the 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 or supplied by the manufacturers, 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 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 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, lamps, etc., or any component parts supplied to the order of the Purchaser differing from our standard specifications supplied with our motorcycles, motorcycle combinations, sidecars, or otherwise.