



# NEW HUDSON

Motor

Cycles



British-Built Throughout

# SPECIAL GUARANTEE FOR MOTOR CYCLES

WE give the following special guarantee with our motor cycles instead of the guarantee implied by statute, or otherwise, as to the quality or fitness of our machines for the purpose of motor cycling; any such implied guarantee being in all cases excluded. In the case of machines which have been used for "hiring out" purposes or from which our Trade Mark 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 twelve months only from the date of purchase, and the damages for which we make ourselves responsible under this guarantee are limited to the replacement of any part which may have proved defective, but not to the cost of any work connected therewith. We do not undertake to replace, or refix or bear the cost of replacing or refixing such new part in the motor cycle or motor combination. We undertake, subject to the conditions mentioned below, to make good at any time within TWELVE MONTHS any defects in these respects. As motor cycles 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:

- I. 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.
- II. 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.

THIS GUARANTEE is given this.....day of.....19.....to.....  
Mr.....and relates to a NEW-HUDSON Motor Cycle  
No.....as stamped on machine.

Any motor cycle sent to us to be plated, enamelled or repaired, whether the repairs are required for the purpose of making good the defect referred to or otherwise, will be repaired upon the following conditions, i.e., we guarantee that all precautions that 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, and this guarantee is in lieu and in exclusion of any common law or statute warranty, 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, or in any part replaced, it must be sent to us, carriage paid, and accompanied by an intimation from the sender that he desires to have it repaired free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine, the name of the agent from whom he purchased, and the date of the purchase, or the date when the alleged defective part was replaced, as the case may be. Failing compliance with the above, no notice will be taken of anything which may arrive, but such articles will lie here at the risk of the sender; and this guarantee or any implied guarantee, shall not be enforceable.

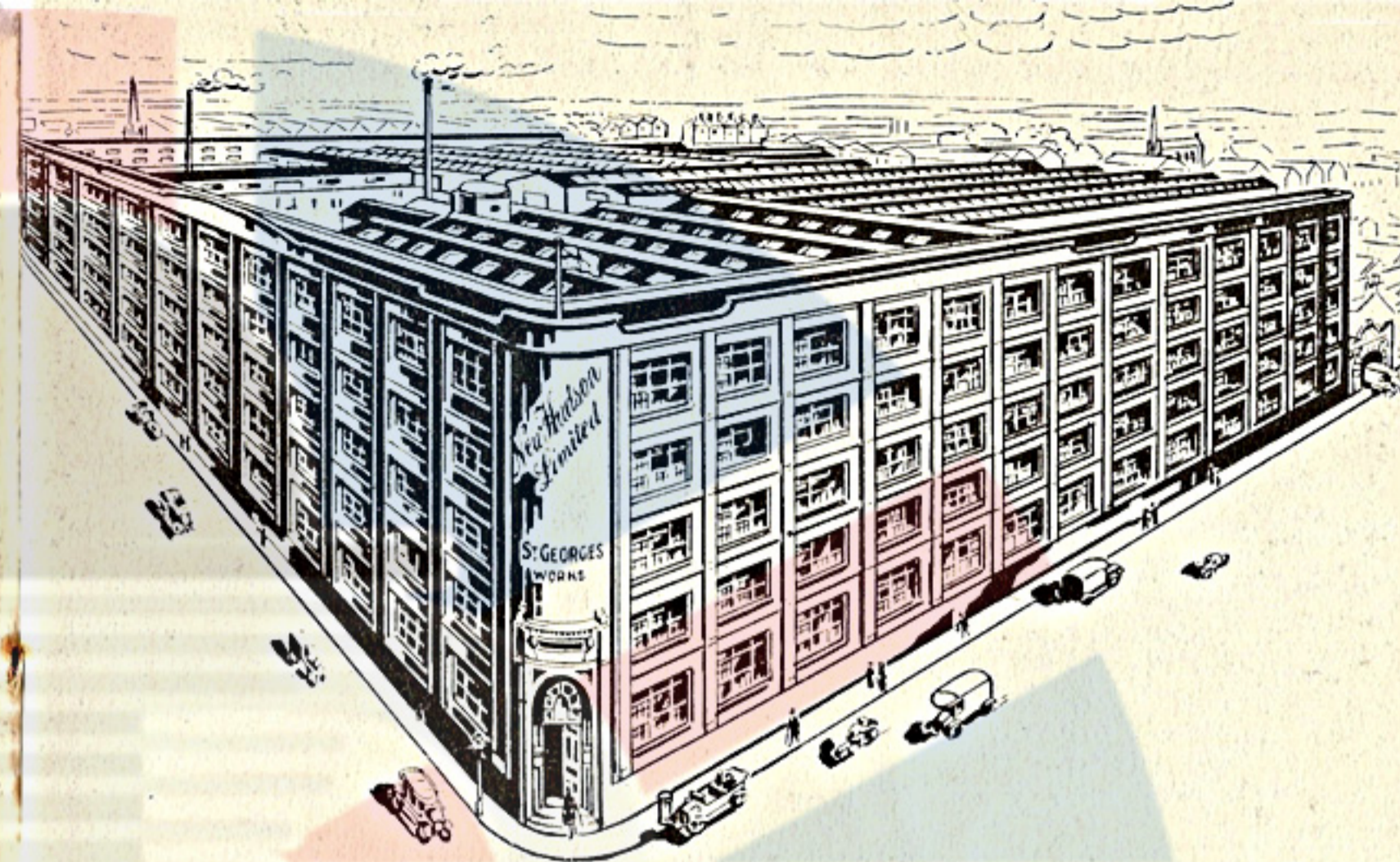
We guarantee only those machines which are bought either direct from us, or from one of our duly authorised agents, and under no other conditions.

We do not guarantee the specialities of other firms, such as tyres, saddles, chains, lamps, etc., etc., or of any component part supplied to the order of the purchaser differing from our standard specification supplied with our motor cycles or otherwise.

THE TERM "AGENT" is used in a complimentary sense only, and those firms whom we style our agents are not authorised to advertise, incur any debts or transact any business whatsoever on our account other than the sale of goods which they may purchase from us; nor are they authorised to give any warranty or make any representation on our behalf other than those contained in the above guarantee.

For and on behalf of NEW-HUDSON LTD.

Signed.....



## NEW-HUDSON

### MOTOR CYCLES

FOR over twenty years New-Hudson Motor Cycles have demonstrated their sterling worth in Reliability and Efficiency Trials all over the World.

The 1924 Model's marked a big stride forward in our Policy of providing Power, Speed, and above all Value for Money, with the result that the demand increased, and is increasing, by leaps and bounds.

The reason is that we have produced a type that sells not only on appearance but on performance.

And for 1925; confident that discriminating Motor Cyclists appreciate the value of a Machine built to a Value (and not merely to a price), we have produced Motor Cycles in which are embodied all the best that Britain provides:—

Dunlop Cord Heavy Tyres	Lodge Sparking Plugs
Lucas Lighting Sets and Horns	Binks Multiple Jet Carburettors
Lucas High Tension Magnetos	Hans Renold Driving Chains
	Lycett or Terry Saddles

A Motor Cycle that is COMPLETE and ready to ride away.  
All we ask is that you COMPARE THE VALUE for yourself.

**NEW HUDSON LTD**  
**ST. GEORGE'S WORKS**  
**BIRMINGHAM**

Telephone:  
Central 6523  
(4 lines).  
Telegrams:  
Wonder, B'ham.

Contractors to H. M. Government War Department,  
Admiralty, India Office, General Post Office, Crown  
Agents for the Colonies, Metropolitan Water Board,  
Midland Railway, Gt. Western Railway, etc., etc., etc.

Codes:  
A.B.C., 5th and  
6th Editions,  
Bentley's.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## A Few Recent Achievements IN OPEN COMPETITION

A.C.U. Six Day's Trial, 1923 : B. Bourke, E. Munday, F. Hayes.

3 Entries—3 Gold Medals—100% Efficiency.

A.C.U. East Midland Centre Championship, 1923 : F. Hayes.

1 Entry—1 Silver Cup, Best Sidecar performance—100% Efficiency.

A.C.U. Six Days' Stock Machine Trial, 1924 : B. Bourke, E. Munday, W. Bell.

3 Entries—3 Gold Medals and Team Prize—100% Efficiency.

Scottish Six Days' Trials, 1924 : B. Bourke, A. Pattison, R. Duncan, P. B. Purvis.

4 Entries—4 First Class Awards and 2 Silver Cups—100% Efficiency.

A.C.U. Yorkshire Centre Open Speed Trials, Stalybridge : Fred T. Hatton, 496 New-Hudson—**Six Firsts and Fastest Time of the Day.**

A.C.U. Open Centre Hill Climb, Ringinglow : Fred T. Hatton, 496 New-Hudson—**Four Firsts and Fastest Time of the Day.**

Wye Valley M.C. and L.C. Club Hill Climb, Hereford : Austin M. Harry, 496 New-Hudson—**Seven Firsts and Fastest Time of the Day.**

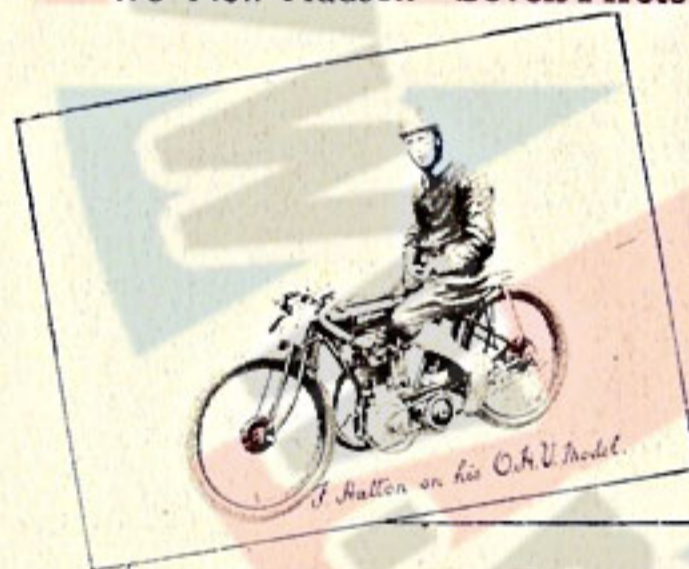
A.C.U. East Midland Centre Open Speed Trials, Gainsborough : Fred T. Hatton, 496 New-Hudson—**One First, Two Seconds, and Second Fastest Time of the Day.**  
Worcester & District M.C. Club, Reliability Trial : A. M. Harry, Eric Williams Cup, Best Performance of the day and Gold Medal.

Dunlop Trophy Trial : F. Hayes, First Class Award.

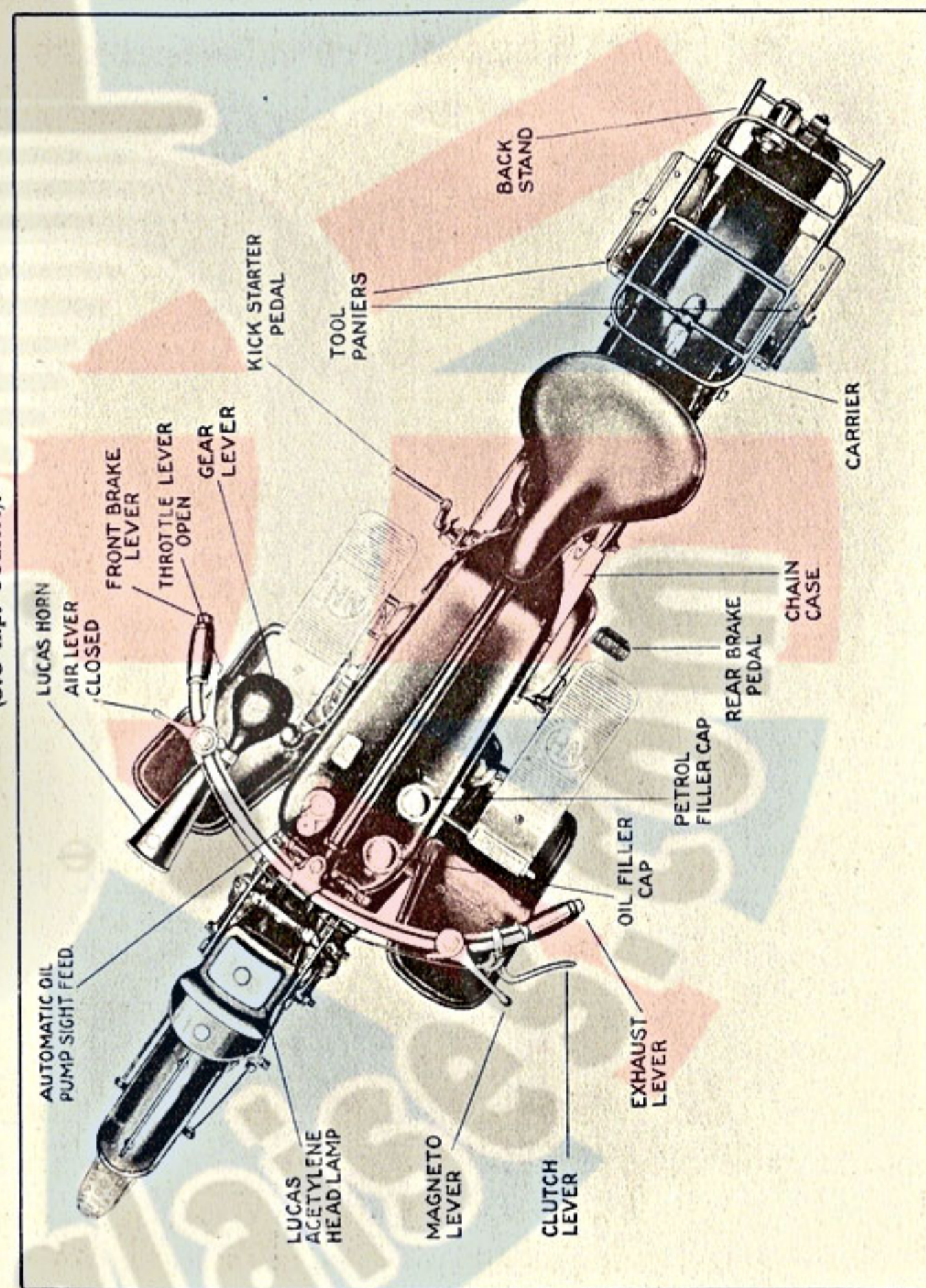
Edinburgh M.C. Club Trial : A. Pattison, Gold Medal.

Reliance Cup Trial : H. Roberts, Gold Medal and Special Award.

Scottish Western 1-Day Trial. P. B. Purvis, Gold Medal.



PLAN VIEW OF NEW HUDSON.  
(3.5 h.p. Tourist).





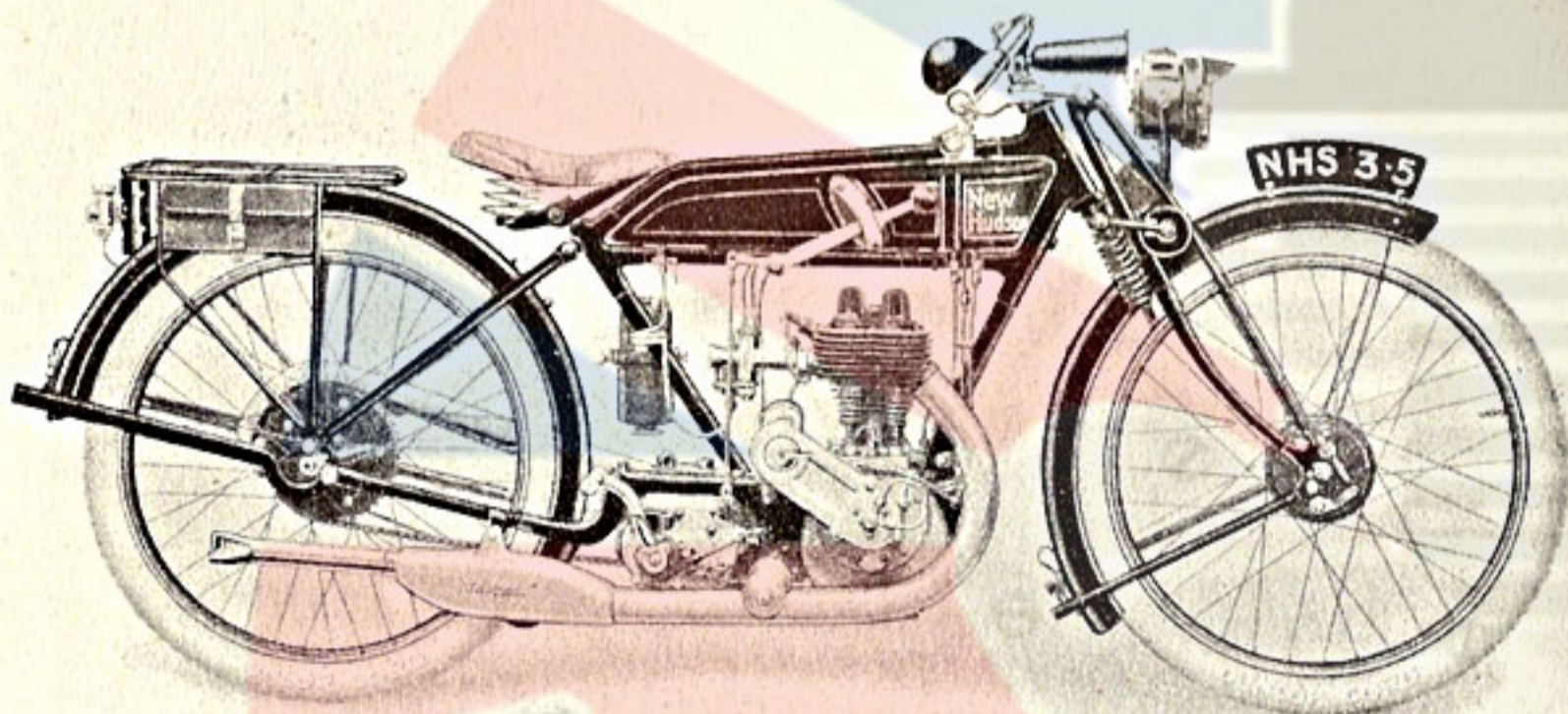
# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



## 3.5 h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. SEMI-SPORTS MODEL.

Carriage Paid. **£50** Gradual payments as desired.

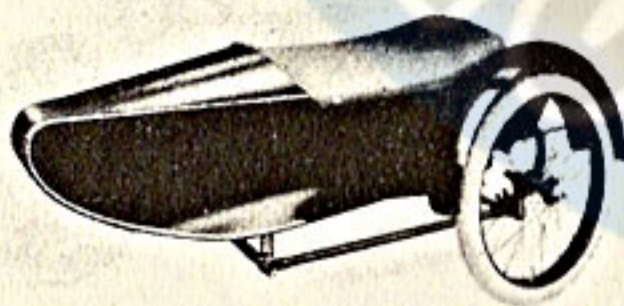
**A** REMARKABLE semi-touring machine which has demonstrated its power, speed and general efficiency during the past few seasons, in all parts of the world, under the most strenuous road conditions.

The engine is so designed to give maximum power out-put at low engine speed.

A road-worthy machine constructed to give perfect steering and balance at all speeds.

Fully equipped with high-class accessories and

**Ready to Ride Away.**



For Special Guarantee see inside front Cover.

For details of suitable Sidecar for above Machine, See page 18.

*All eyes on the New-Hudson.*

## 3.5 h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. SEMI-SPORTS MODEL

All Chain Drive.

SPECIFICATION.

Three-Speed Gear.

**ENGINE**—NEW-HUDSON, 70×90 bore and stroke. 346 c.c. capacity, 3.5 h.p. A.C.U. Rating. Piston of special aluminium alloy, stiff but light connecting rod mounted on double row roller bearings on large diameter crank pin, large durable valves, large ports and most efficient cooling. For detailed description see page 22.

**TRANSMISSION**—Chain drive throughout by **Hans Renold** chains, very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three speed countershaft gear box, selection by improved gate change mounted on tank. Gear ratios 5 $\frac{1}{2}$ , 8 $\frac{1}{2}$  and 13 $\frac{1}{2}$  to 1, hand controlled **Ferodo** lined clutch. Enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical and well adapted to speed work.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of finest quality weldless steel tubing, and designed to give a safe and comfortable riding position and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×2 $\frac{1}{2}$  in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON internal expanding to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—**Dunlops**. 26×2 $\frac{1}{2}$  in. Heavy Cord.

**TANK**—Improved NEW-HUDSON 1925 type, Patent No. 206,664, oil and petrol tanks entirely separate, large filler caps, and efficient petrol filter, capacity 1 $\frac{1}{2}$  gallons petrol,  $\frac{1}{2}$  gall. oil.

**SILENCER**—1925 type, improved pattern and of ample dimensions.

**FOOTRESTS**—Rubber covered, giving very comfortable riding position.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE HOLDER**—Approved NEW-HUDSON pattern.

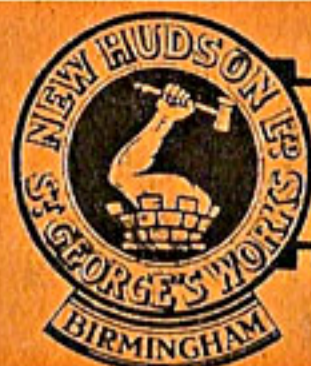
**SADDLE**—Special **Lycett** speed type, very comfortable.

**STANDS**—Strong kick-up type with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising: Headlamp, Tail Lamp, Generator and **Lucas** Bulb Horn, see page 21.

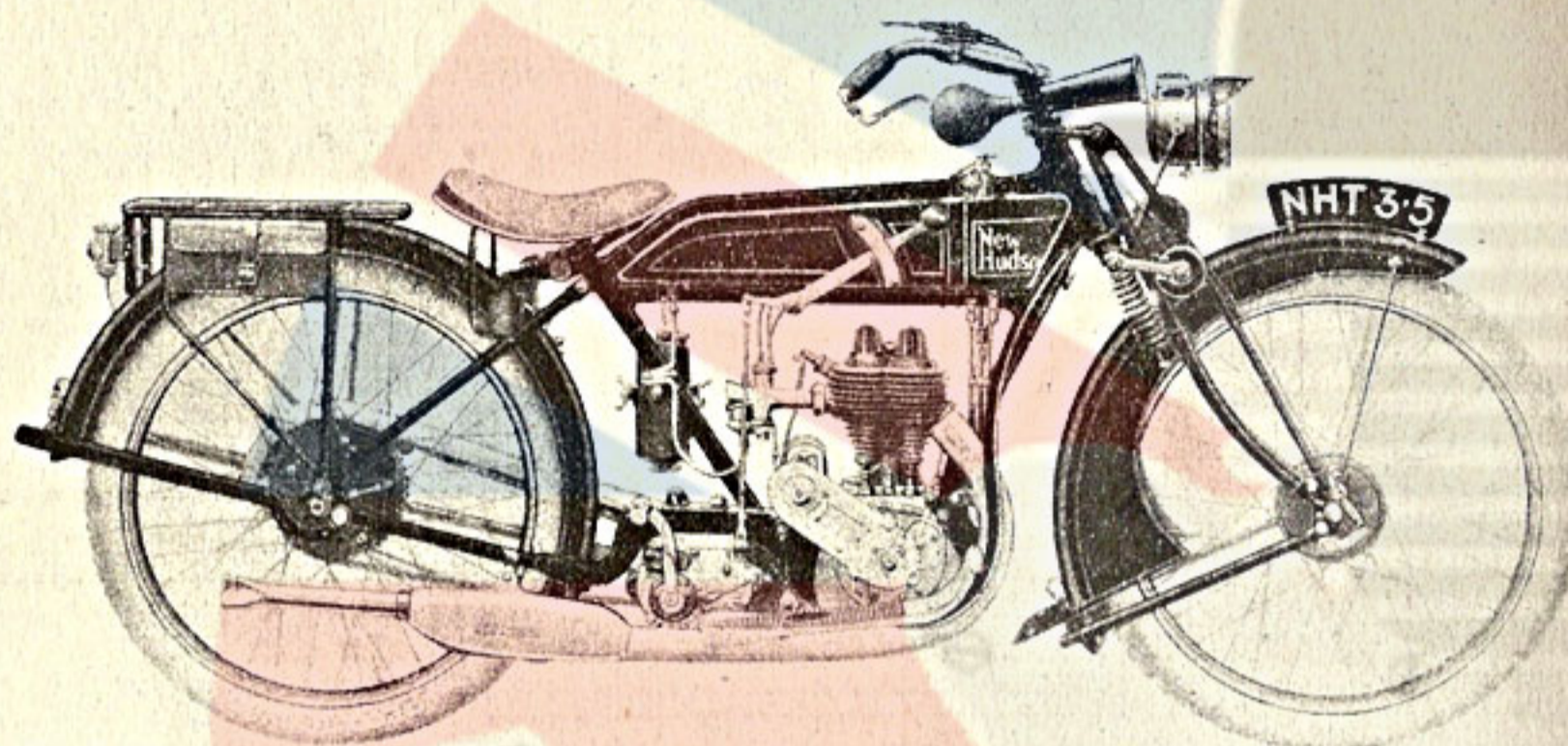
Extras for **Terry's** Spring Seat. £1 15 0, **Lucas** Dynamo Electric Lighting. £8 10 0  
Extra for **Dunlop** Heavy Cord Tyres 26×3 in. £1 0 0.





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



## 3.5 h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. TOURIST MODEL

Carriage Paid. **£53** Gradual payments as desired.

A VERY powerful light Tourist Motor Cycle which has created such world wide interest, is now offered as the final evolution in all that is most efficient, reliable and economical to handle and ride.

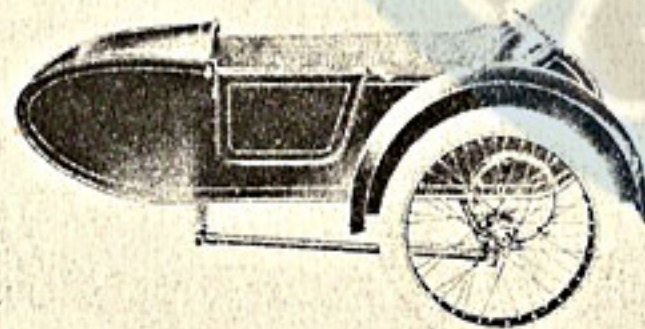
In appearance it is a beautifully finished machine of attractive design, having good ground clearance with low centre of gravity.

The Motor Cycle for Business, Health and Pleasure. Fully equipped.

**Ready to Ride Away.**

For Special Guarantee  
see inside front Cover.

For details of suitable  
Sidecar for above Machine,  
See page 19



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 3.5 h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. TOURIST MODEL

All Chain Drive.

SPECIFICATION.

Three-Speed Gear.

**ENGINE**—NEW-HUDSON, 70×90 bore and stroke, 346 c.c. capacity, 3.5 h.p. A.C.U. Rating. Piston of special aluminium alloy, stiff but light connecting rod mounted on double row roller bearings on large diameter crank pin, large durable valves, large ports and most efficient cooling. For detailed description see page 22.

**TRANSMISSION**—Chain drive throughout by **Hans Renold** chains, very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three-speed countershaft gear box, selection by improved gate change mounted on tank. Gear ratios 5 $\frac{1}{2}$ , 8 $\frac{1}{2}$  and 13 $\frac{1}{2}$  to 1, hand controlled **Ferodo** lined clutch, enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of the finest quality weldless steel tubing and designed to give a safe and comfortable riding position and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×2 $\frac{1}{2}$  in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON **internal expanding** to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—**Dunlops** 26×2 $\frac{1}{2}$  in. Heavy Cord.

**TANK**—Improved NEW-HUDSON 1925 type, Patent No. 205,664, oil and petrol tanks entirely separate, large filler caps, and efficient petrol filter, capacity 1 $\frac{1}{2}$  gallons petrol,  $\frac{1}{4}$  gallon oil.

**SILENCER**—1925 type improved pattern and of ample dimensions.

**FOOTBOARDS**—Of cast aluminium, with thick rubber mat, giving very comfortable riding position.

**LEGSHIELDS**—Of ample length, shaped to give in conjunction with footboards ample weather protection.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—Approved NEW-HUDSON pattern.

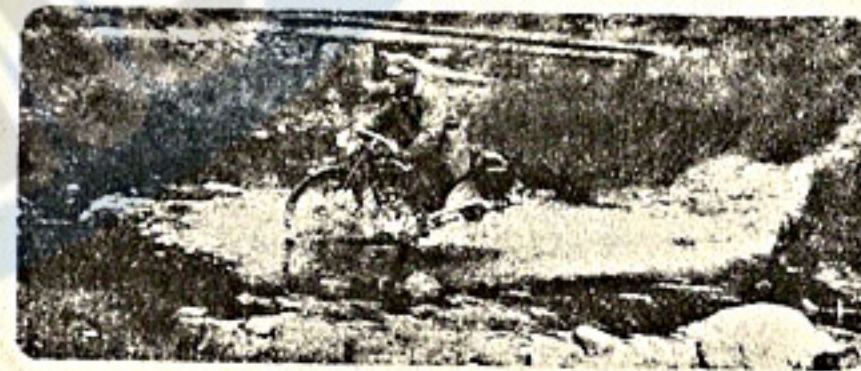
**SADDLE**—Special **Lycett** Tourist, very comfortable.

**STANDS**—Strong kick-up type with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising Head Lamp, Tail Lamp, Generator and **Lucas** Bulb Horn. See page 21.

Extras for **Terry** Spring Seat **£1 15 0**, **Lucas** Dynamo Electric Lighting **£8 10 0**.  
Extra for **Dunlop** Heavy Cord Tyres 26×3 in. **£1 0 0**.

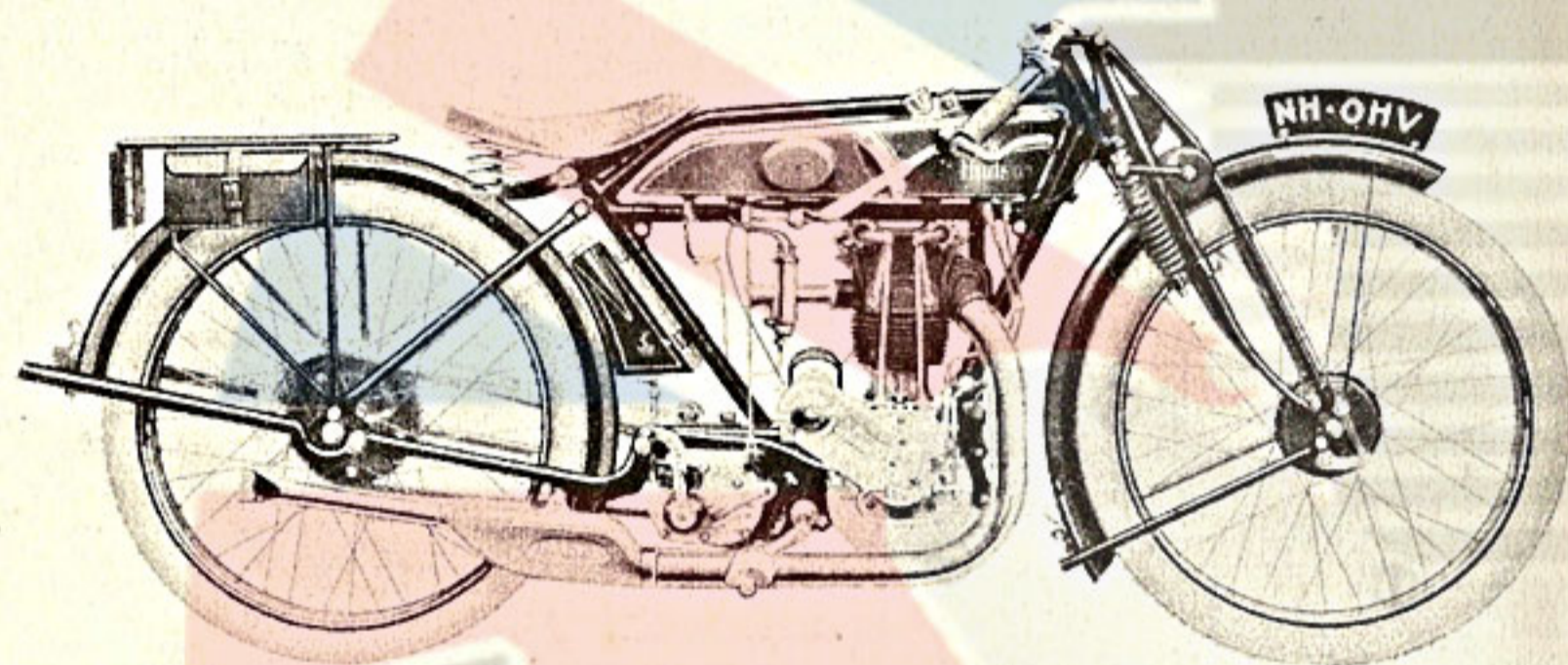
"The Water Splash."





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



## 3.5. h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. O.H.V. SUPER SPORTS MODEL

Carriage Paid. **£60** Gradual payments as desired.

**D**ESIGNED for the Sporting Motor Cyclist who wishes an ultra-fast machine, giving maximum horse-power and out-put, tremendous acceleration and high and safe road speeds. Speeds from sixty to seventy miles per hour! Qualified riders who study speed can reasonably expect to attain from seventy to eighty, and even higher speeds. Fully equipped with Lucas Lamps and Generator and Horn. Licence Holder, Detachable Carrier.

**Ready to Ride Away.**

For Special Guarantee see inside front Cover.



At the Start.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 3.5 h.p. (A.C.U. Rating) 2 $\frac{3}{4}$ h.p. O.H.V. SUPER SPORTS MODEL

All Chain Drive.

SPECIFICATION.

Three-Speed Gear.

**ENGINE**—70×90 bore and stroke, NEW-HUDSON manufacture, 346 c.c. capacity, 3.5 h.p. A.C.U. Rating, piston of special aluminium alloy, stiff but light alloy steel connecting rod, mounted on double row roller bearings on large diameter crank pin, large valves of best quality alloy steel, overhead rockers mounted on roller bearings, with provision for grease gun lubrication, with roller contact to valve stem, detachable cylinder head, with scientifically shaped ports and ample cooling surfaces.

**TRANSMISSION**—Chain drive throughout by **Hans Renold** chains, very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three-speed countershaft gear box, shafts on ball bearings, gear change through gate well forward on tank, close ratios of 5 $\frac{1}{2}$ , 7 and 10 to 1. Hand control **Ferodo** clutch, enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical, and well adapted to speed work, with spare jets for tuning.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of engine.

**FRAME**—Scientifically constructed of the finest quality weldless steel tubing and designed to give a safe and comfortable riding position and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×2 $\frac{1}{2}$  in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON **internal expanding** to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—26×2 $\frac{1}{2}$  in. Heavy Cord. **Dunlops**.

**TANK**—Large capacity petrol tank holding 2 $\frac{1}{2}$  gallons, large filler cap, efficient filter and suitable baffles, separate oil tank behind saddle tube, capacity  $\frac{1}{2}$  gallon, adjustable rubber knee grips.

**SILENCER**—1925 type improved pattern and of ample dimensions.

**FOOTRESTS**—Rubber covered, easily adjustable, giving comfortable riding position as desired for speed or touring.

**TOOL BAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—NEW-HUDSON approved pattern.

**SADDLE**—Special **Lycett** speed type, very comfortable.

**STANDS**—Strong kick-up type with improved adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising, Head Lamp, Tail Lamp, Generator and **Lucas** Bulb Horn. See page 21.

Extras for **Terry** Spring Seat **£1 15 0**, **Lucas** Dynamo Electric Lighting **£8 10 0**.

Extra for **Dunlop** Heavy Cord Tyres 26×3 in. **£1 0 0**.

Geo. White rounding

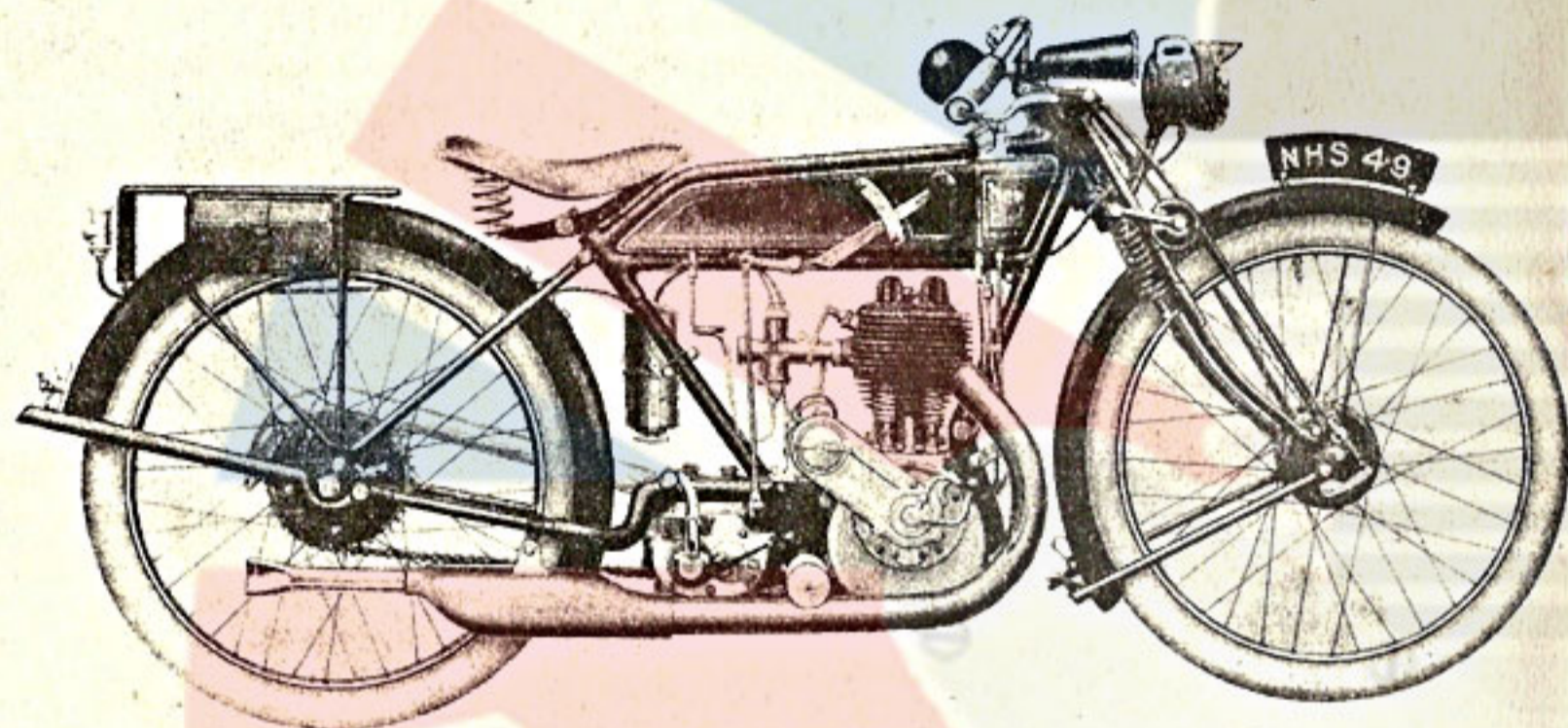
Governor's Bridge.





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



## 4.9 h.p. (A.C.U. Rating) 3½ h.p. T.T. SPORTS MODEL

Carriage Paid. **£55** Gradual payments as desired.

**I**N designing this machine great care has been taken to study the rider's requirements.

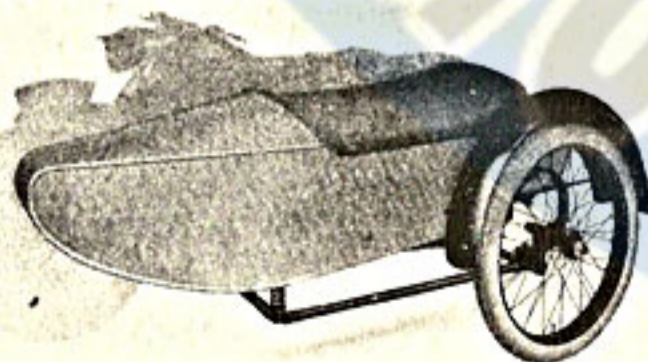
Hence its remarkable flexibility, with maximum power and tremendous acceleration, while the frame construction allows for low riding position and correct steering under all conditions.

The general lay-out provides for easy accessibility and simplicity. Brakes are of the internal expanding type, giving safe and rapid deceleration and allowing high average speed to be maintained. Fully equipped with Lucas Lamps, Horn and Generator, Licence Holder.

**Ready to Ride Away.**

*For Special Guarantee  
see inside front Cover.*

*For details of suitable  
Sidecar for above Machine,  
See page 18.*



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 4.9 h.p. (A.C.U. Rating) 3½ h.p. T.T. SPORTS MODEL

All Chain Drive.

SPECIFICATION.

Three Speed-Gear.

**ENGINE**—NEW-HUDSON 79.5×100 m/m bore and stroke, 496 c.c. capacity, 4.9 h.p. A.C.U. rating. Piston of special Aluminium alloy, stiff but light connecting rod mounted on double row roller bearings on large diameter crank pin, large durable valves, large ports and most efficient cooling. For details; see page 22.

**TRANSMISSION**—Chain drive throughout, by **Hans Renold** chains. Very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three-speed countershaft gear box, selection by improved gate change, mounted on tank, gear ratios, 5, 8 and 11.5 to 1. Hand controlled **Ferodo** lined clutch, enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical and well adapted to speed work.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of finest quality weldless steel tubing, and designed to give a safe and comfortable riding position and perfect steering on all conditions of road, and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26in.×2½in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON internal expanding to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—**Dunlops**, 26in.×2½in. Heavy Cord.

**TANK**—Improved NEW-HUDSON 1925 type, Patent No. 206,664, oil and petrol tanks entirely separate, large filler caps, and efficient petrol filter. Capacity 1½ gallons petrol, ½ gallon oil.

**SILENCER**—1925 type, improved pattern and of ample dimensions.

**FOOTRESTS**—Rubber covered, giving very comfortable riding position.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—Approved NEW-HUDSON pattern.

**SADDLE**—Special **Lycett** speed Type, very comfortable.

**STANDS**—Strong kick-up type, with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** acetylene lighting set, comprising Head Lamps, Tail Lamp and Generator, and **Lucas** Bulb Horn. See page 21.

Extras for **Terry Spring Seat** £1 15 0, **Lucas Dynamo Electric Lighting** £3 10 0.

Extra for **Dunlop Heavy Cord Tyres** 26×3in. £1 0 0.

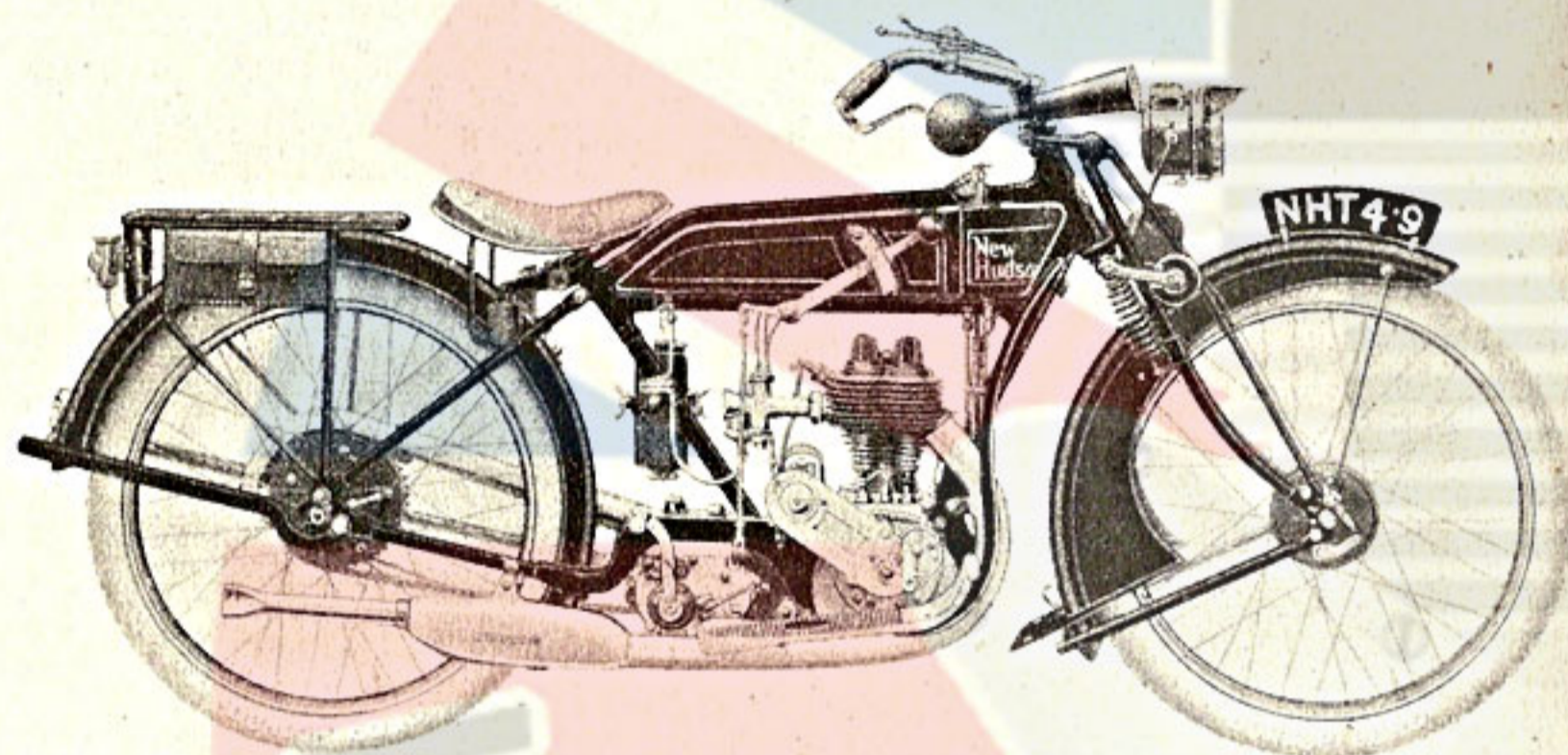
*"Rounding Governor's Bridge,"  
Isle of Man.*





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



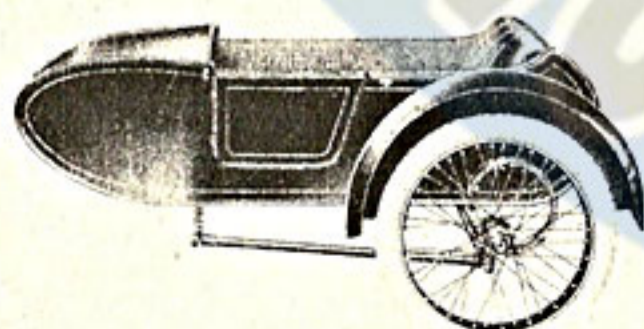
## 4.9 h.p. (A.C.U. Rating) 3½ h.p. TOURIST MODEL

Carriage Paid. **£58** Gradual payments as desired.

**T**HE last word in luxury and comfort. A dual purpose machine designed for solo or sidecar work. Its equipment includes efficient leg shields, protecting the rider against all weather conditions, Pneumatic Rubber Foot-Boards, Lucas Lamps, Generator and Horn, Licence Holder. A most powerful and Real Value-for-Money Motor Cycle.

**Ready to Ride Away.**

For Special Guarantee see inside front Cover.



For details of suitable Sidecar for above Machine, See page 19.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 4.9 h.p. (A.C.U. Rating) 3½ h.p. TOURIST MODEL

*All Chain Drive.* **SPECIFICATION.** *Three-Speed Gear.*

**ENGINE**—NEW-HUDSON, 79.5×100 bore and stroke, 496 c.c. capacity, 4.9 h.p. A.C.U. Rating. Piston of special aluminium alloy, stiff but light connecting rod mounted on double row roller bearings on large diameter crank pin, large durable valves, large ports, and most efficient cooling. For detailed description see page 22.

**TRANSMISSION**—Chain drive throughout by **Hans Renold** chains, very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three-speed countershaft gear box, selection by improved gate change mounted on tank, gear ratios 5, 8 and 11½ to 1, hand controlled **Ferodo** lined clutch, enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of finest quality weldless steel tubing, and designed to give a safe and comfortable riding position and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×2½ in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON internal expanding to front and rear wheels. **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—**Dunlop** 26×2½ in. Heavy Cord.

**TANK**—Improved NEW-HUDSON 1925 type. Patent No. 206,664, oil and petrol tanks entirely separate, large filler caps, and efficient petrol filter, capacity 1½ gallons of petrol and ½ gallon of oil.

**SILENCER**—1925 type improved pattern and of ample dimensions.

**FOOTBOARDS**—Of cast aluminium with thick rubber mat giving very comfortable riding position.

**LEGSHIELDS**—Of ample length, shaped to give, in conjunction with footboards, ample weather protection.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—Approved NEW-HUDSON pattern.

**SADDLE**—Special **Lycett** very comfortable.

**STANDS**—Strong kick-up type, with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising Head Lamp, Tail Lamp, Generator and **Lucas** Bulb Horn. See page 21.

Extras for **Terry** Spring Seat **£1 15 0**, **Lucas** Dynamo Electric Lighting **£8 10 0**.  
Extra for **Dunlop** Heavy Cord Tyres 26×3 in. **£1 0 0**.

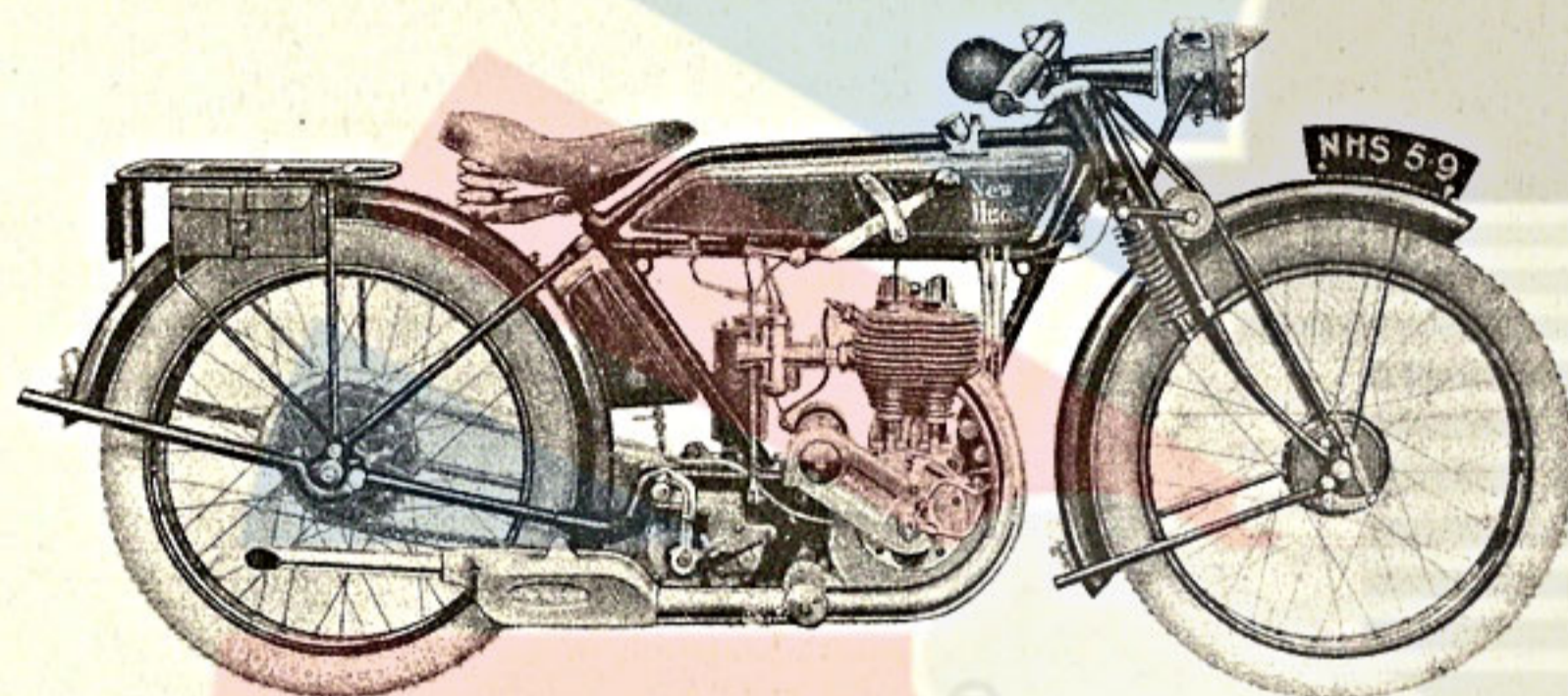
New-Hudson on Amulree.





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



## 5.9 h.p. (A.C.U. Rating) 4½ h.p. SPORTS MODEL.

Carriage Paid. **£60** Gradual payments as desired.

**A** DUAL purpose Sports machine introduced to meet that large class of rider who desires more speed. Specially constructed for fast solo or sidecar work.

In the design of the engine we have aimed at a production which will be powerful, flexible, and able to sustain maximum power for long periods without signs of distress.

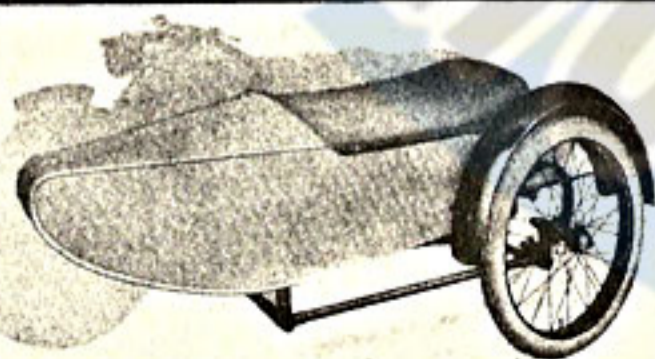
Fully equipped with Lucas Lamps, Generator and Horn. Licence Holder.

This astounding value-for-money cannot help but interest the discriminating rider. Think what it means

**All Ready to Ride Away.**

For Special Guarantee see inside front Cover.

For details of suitable Sidecar for above Machine. See page 18.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 5.9 h.p. (A.C.U. Rating) 4½ h.p. SPORTS MODEL

All Chain Drive. SPECIFICATION. Three-Speed Gear.

**ENGINE**—NEW-HUDSON, 87×100 m/m bore and stroke, 596 c.c. capacity, 5.9 h.p. A.C.U. Rating, piston of special aluminium alloy, stiff but light connecting rod, mounted on double row roller bearings on large diameter crank pin, large durable valves, large ports and most efficient cooling. For details see page 22.

**TRANSMISSION**—Chain drive throughout, by **Hans Renold** chains. Very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three speed countershaft gear, selection by improved gate change mounted on tank, gear ratios 4.6, 8, and 11 to 1 for solo, 5½, 8½ and 14 to 1 sidecar, hand controlled **Ferodo** lined clutch, enclosed kick starter mechanism.

**CARBURETTER**—Specially designed **Binks** multiple jet type, efficient, economical, and well adapted to speed work.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of finest quality weldless steel tubing, and designed to give a safe and comfortable riding position, and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence) fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×3in. for beaded edge tyres. **Grease gun lubrication** to bearings.

**BRAKES**—NEW-HUDSON **internal expanding** to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—**Dunlops** 26×3in. Heavy Cord.

**TANK**—Large capacity petrol tank holding 2¼ gallons, large filler cap, efficient filter and suitable baffles, separate oil tank behind saddle tube, capacity ½ gallon. Adjustable rubber knee grips.

**SILENCER**—1925 type, improved pattern and of ample dimensions.

**FOOTRESTS**—Rubber covered, giving very comfortable riding position.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—Approved NEW-HUDSON pattern.

**SADDLE**—Special **Lycett** speed type, very comfortable.

**STANDS**—Strong kick-up type, with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising Head Lamp, Tail Lamp and Generator, and **Lucas** Bulb Horn. See page 21.

Extras for Terry Spring Seat **£1 15 0**, **Lucas** Dynamo Electric Lighting **£8 10 0**.

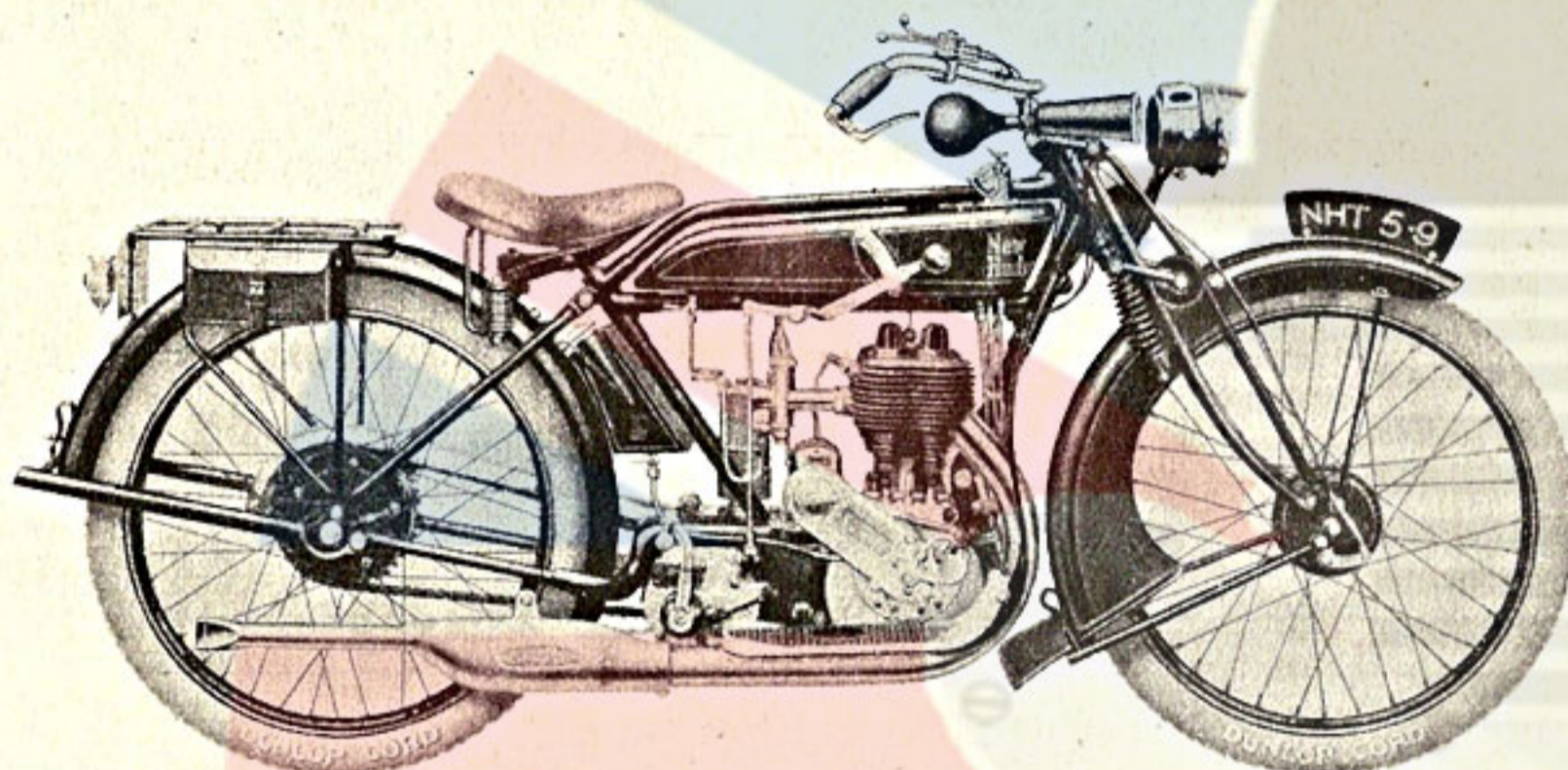
*Fastest Time of the Day.*





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

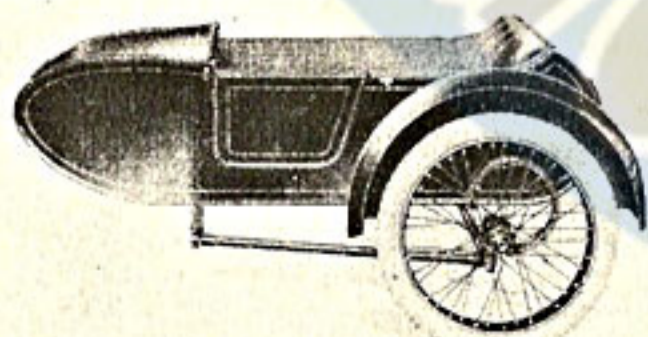


## 5.9 h.p. (A.C.U. Rating) 4½ h.p. TOURIST MODEL

Carriage Paid. **£63** Gradual payments as desired.

**A**N ideal motor cycle for sidecar work. A machine which during the past four years has proved its sterling value in all parts of the world. Its ready accessibility, simplicity of control and remarkable efficiency, make the 'New-Hudson' Five-point-nine a machine which can be easily handled by the novice or expert alike. The extra large tyres, efficient mud-guarding, Pneumatic Rubber Foot-boards, Lucas Lamps, Generator and Horn, Licence Holder, etc., make this a touring model "par excellence." Where can be found a more comprehensive specification at such a low price? Remember it is

**All Ready to Ride Away.**



For Special Guarantee  
see inside front Cover.

For details of suitable  
Sidecar for above Machine,  
See page 19.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## 5.9 h.p. (A.C.U. Rating) 4½ h.p. TOURIST MODEL

*All Chain Drive.* **SPECIFICATION.** *Three-Speed Gear.*

**ENGINE**—NEW-HUDSON, 87×100 bore and stroke. 596 c.c. capacity, 5.9 h.p. A.C.U. Rating. Piston of special aluminium alloy, stiff but light connecting rod mounted on double row roller bearings on large diameter crank pin. Large durable valves, large ports and most efficient cooling. For detailed description see page 22.

**TRANSMISSION**—Chain drive throughout by **Hans Renold** chains, very efficient shock absorber on engine shaft.

**GEARS**—NEW-HUDSON three-speed countershaft, selection by improved gate change mounted on tank, gear ratios 4.6, 8 and 11 to 1, for solo. 5½, 8½ and 14 to 1 for sidecar, hand controlled **Ferodo** lined clutch, enclosed kick starter mechanism.

**CARBURETTOR**—Specially designed **Binks** multiple jet type, efficient, economical.

**IGNITION**—High tension **Lucas** Magneto. **Lodge** sparking plug.

**LUBRICATION**—By specially designed mechanical pump, feeding through adjustable sight feed, internal ducts ensure ample supply of oil to all parts of the engine.

**FRAME**—Scientifically constructed of finest quality weldless steel tubing and designed to give a safe and comfortable riding position and perfect steering on all conditions of road and at any speed.

**FORKS**—NEW-HUDSON improved girder pattern (made under licence), fitted with patent **spring rebound dampers**, adjustable fork links for easy adjustment.

**WHEELS**—26×3in. for beaded edge tyres. **Grease gun** lubrication to bearings.

**BRAKES**—NEW-HUDSON internal expanding to front and rear wheels, **Ferodo** linings, weatherproof, serviceable and efficient.

**TYRES**—Dunlop 26×3in. Heavy Cord.

**TANKS**—Large capacity petrol tank holding 2½ gallons, large filler cap, efficient filter and suitable baffles, separate oil tank behind saddle tube, capacity ½ gallon. Adjustable rubber knee grips.

**SILENCER**—1925 type, improved pattern and of ample dimensions.

**FOOTBOARDS**—Of cast aluminium with thick rubber mat giving very comfortable riding position.

**LEGSHIELDS**—Of ample length, shaped to give, in conjunction with footboards, ample weather protection.

**TOOLBAGS**—Two, of armoured leather, with tool roll, complete set of tools, grease gun, instruction books, etc.

**LICENCE-HOLDER**—Approved NEW-HUDSON pattern.

**SADDLE**—Special **Lycett** Tourist, very comfortable.

**STANDS**—Strong kick-up type with improved and adjustable clip fitted to front and rear wheels.

**EQUIPMENT**—Fitted with complete **Lucas** Acetylene Lighting Set, comprising Head Lamp, Tail Lamp and Generator and **Lucas** Bulb Horn. See page 21.

Extras for **Terry Spring Seat** £1 15 0, **Lucas** Dynamo Electric Lighting £8 10 0.

Victory Trial.





# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

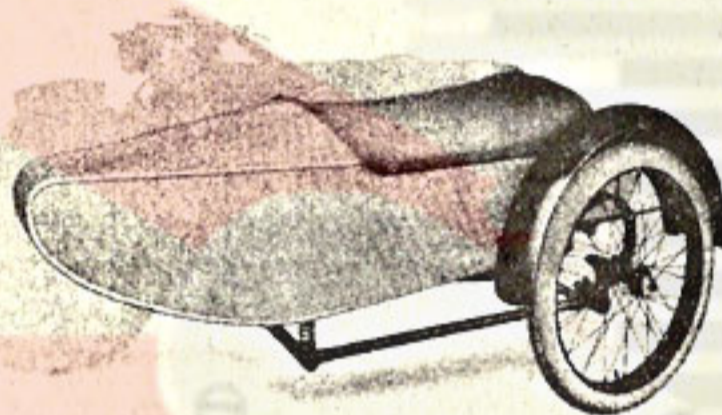
## SIDECARS.

AS all pioneers of the **Three Speed Motor Cycle** we naturally have a long and extensive experience of the **passenger** motor cycle, and have designed our new range of passenger machines with this experience always in view, applying as it does to the Motor Cycle, as well as to the Sidecar.

**New-Hudson Sidecars** for 1925 consist of a standardised range designed to suit our own manufactured motor cycles from 3.5 h.p. to 5.9 h.p., and manufactured throughout in our own extensive factories.

The chassis are of weldless steel tubing — simple but enormously strong design, and are attached to integral lugs on the motor cycle, the "Proved" **NEW-HUDSON** method of **four point** attachment by four **one-piece** arms. This method has many years of experience behind it, and is admitted to be the "**proved best**" method of sidecar attachment, the alignment of the sidecar is guaranteed when turned out from the factory, and is **permanent**. In addition this method has the advantage of quick and easy detachment for garaging, solo use of motor cycle, and storing, without in any way disturbing the correct alignment of the combination.

A vital point in combination design is the attachment of the sidecar wheel, the method employed has been in use on **NEW-HUDSON** machines



**Super-Sports Aluminium Model B.**  
Suitable for 3.5 h.p. and 4.9 h.p. Dunlop Cord tyre 26in. x 2½in. Lucas Sidecar Lamp.  
**£18 10s. Carriage Paid.**  
Suitable for 5.9 h.p. Dunlop Cord tyre 26in. x 3in. Lucas Sidecar Lamp. **£19 10s. Carriage Paid.**



**Light Sports Model A.**  
Suitable for 3.5 h.p. and 4.9 h.p. Dunlop Heavy Cord tyre 26in. x 2½in. Lucas Sidecar Lamp.  
**£15 10s. Carriage Paid.**  
Suitable for 5.9 h.p. Dunlop Cord tyre 26in. x 3in. Lucas Sidecar Lamp. **£16 10s. Carriage Paid.**



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

for a number of years, and has proved to be in every way eminently satisfactory. The wheel spindle is of High Grade Steel, carefully manufactured, and carrying best quality bearings, the whole being fixed in a simple but efficient manner to the steel chassis lug.

All this combines to make the vehicle safe under any conditions of road use, and in addition the comfort and appearance of the sidecar has not been forgotten, and are in keeping with the high mechanical efficiency of the rest of the machines.

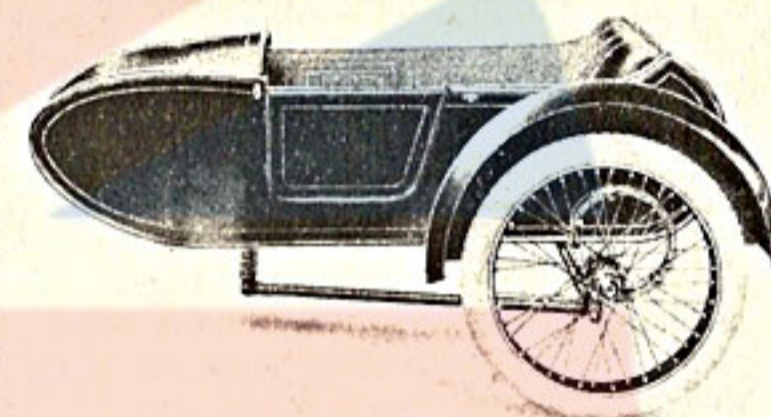
The springing has been carefully studied, and the high ideals aimed at have been achieved and conscientiously built into every sidecar, giving that "float on air" comfort of the most expensive automobile to the passenger.

The Tourist body is coach built, black motor finish, roomy and comfortable, and with accommodation for luggage, etc., in the spacious locker.

The seat and back are of sprung upholstery, the door of good size and fitted with a high quality lock; its high quality of workmanship and material combined with its neat outline making a side car in every way in keeping with the splendid quality of the motor cycle.

More especially for use on the various sports machines a streamline, aluminium sidecar has been evolved. The body is cosy yet roomy; of very "racy" appearance; has liberal luggage accommodation, and retains the high degree of springing, comfort, and stability of the touring model.

All sidecars are fitted with Lucas Lamps, Generator, or, if for electric light motor cycle, with electric lamp; Dunlop tyre of size to match the motor cycle, and with waterproof apron.



**Tourist Model C.**  
Suitable for 3.5 h.p. and 4.9 h.p. Dunlop Cord tyre 26in. x 2½in. Lucas Sidecar Lamp.  
**£15 10s. Carriage Paid.**  
Suitable for 5.9 h.p. Dunlop Cord tyre 26in. x 3in. Lucas Sidecar Lamp. **£16 10s. Carriage Paid.**  
Extra for Dunlop 3in. tyre to Sidecars for 3.5 h.p. and 4.9 h.p. Models 10s.



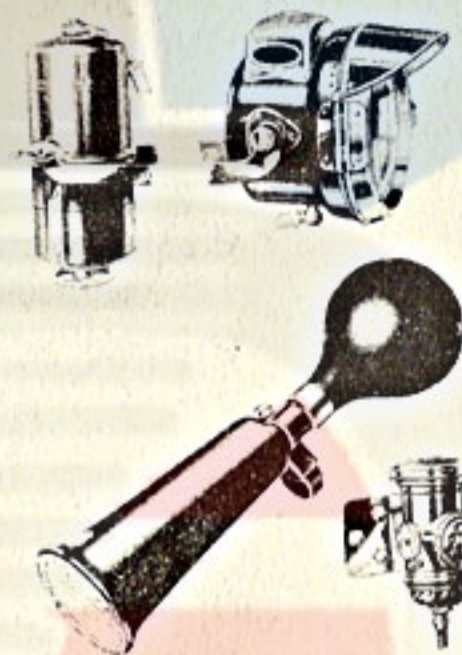
# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

## EQUIPMENT.

All NEW-HUDSON 1925 Model Motor Cycles are sold fully equipped with either acetylene or electric lamps and horns, all ready to ride away.

In every case the equipment provided for the solo machines consist of **Lucas** Head Lamp, Tail Lamp, Generator and **Lucas** Horn.

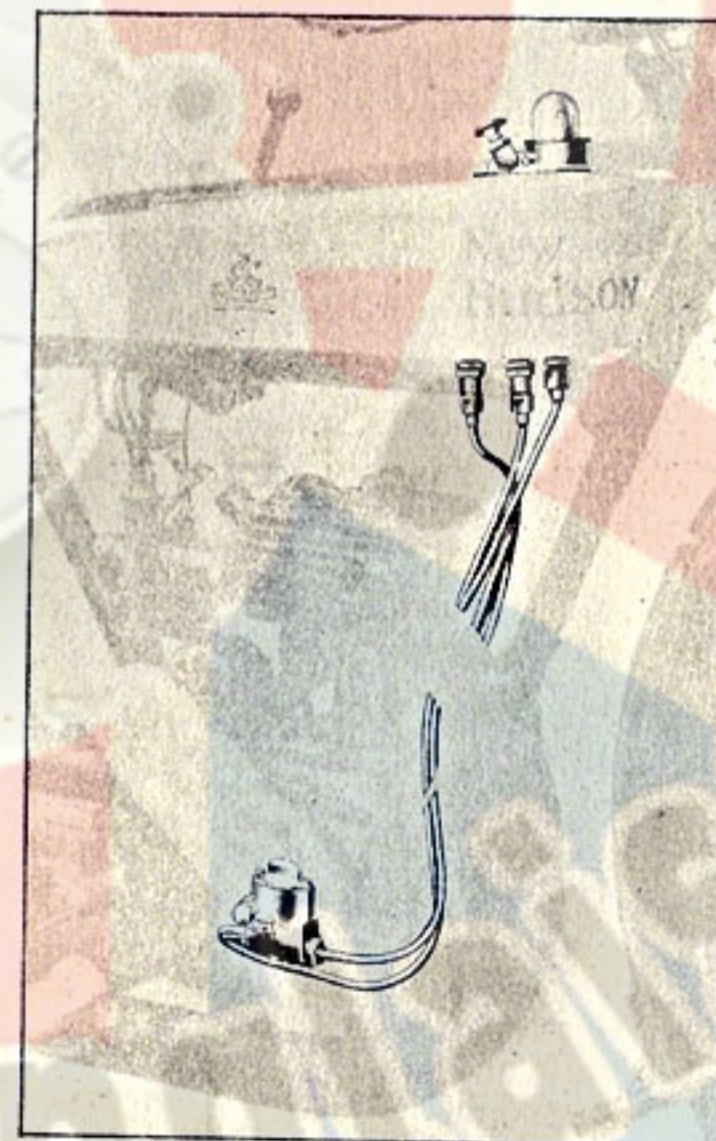


## MECHANICAL LUBRICATION.

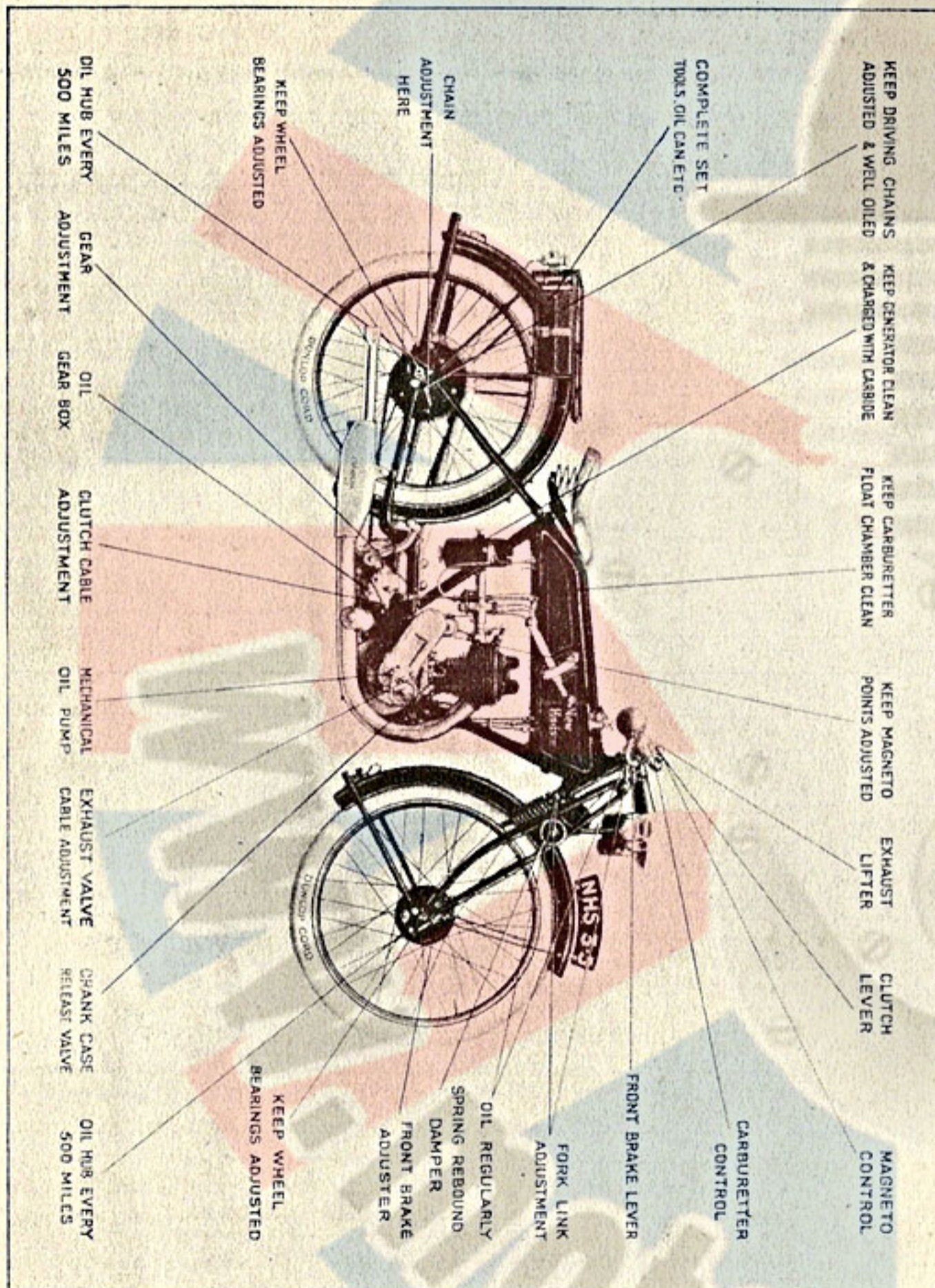
After careful and exhaustive bench and road tests, NEW-HUDSON LTD. decided to fit as standard to all machines their patented system of Mechanical Lubrication. This system, enthusiastically received by the motor cycling world has been still further improved for 1925, and is undoubtedly the best in use to-day.

Clean, fresh oil is fed from the patent leak-proof tank, in the orthodox position to the patented pump driven by the camshaft of the engine. The pump delivers the oil to a sight-feed conveniently situated on the top of the tank, the feed to the engine being controlled by a graduated needle valve integral with the sight feed. This needle valve can be regulated by the driver while riding the machine, thus quickly and easily varying the supply of oil to the engine to suit the immediate working conditions.

For NEW-HUDSON engines we strongly recommend the use of Wakefield's "CASTROL XL" Oil and for Super-Sports types with O.H.V. Engines "CASTROL R" will be found to give excellent results.



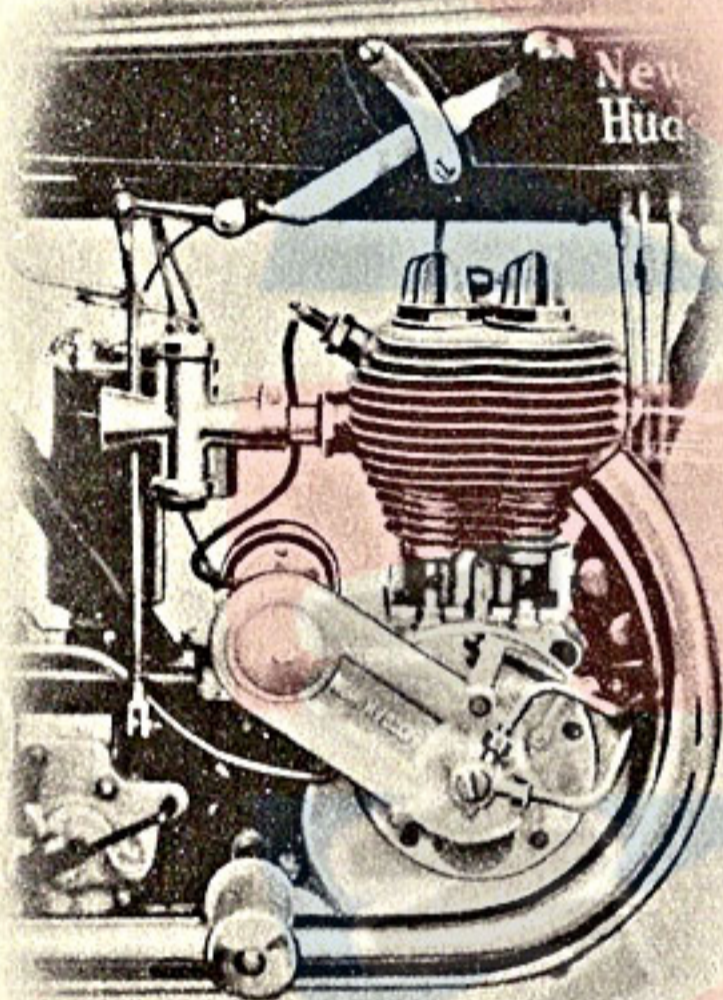
## Points to Note in the New-Hudson.



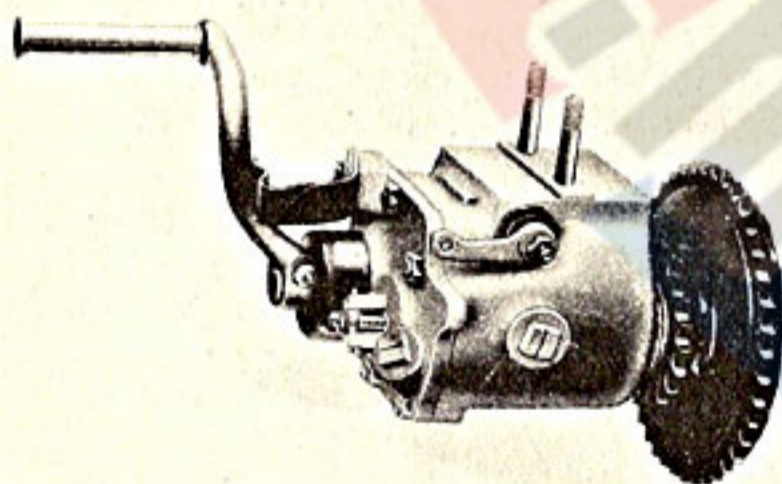


# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



**ENGINE**—THE NEW-HUDSON Engines are the product of 20 years' manufacturing experience. By careful research and exhaustive road and bench tests we have managed to produce a type of engine which will give excellent service in the hands of both expert and novice alike—engines which can be handled, dismantled and understood without any special engineering knowledge, and which can be kept in excellent order by the owner himself with the smallest amount of trouble and cost. All our engines are constructed throughout in the NEW-HUDSON Factories. Every little detail has been designed and thought out by the engineers after consultation with metallurgical experts, and only the most skilled mechanics are entrusted with the constructive work. Our Engines are well known for clean design, excellent workmanship, robustness of the parts which are stressed and, as mentioned above, simplicity.

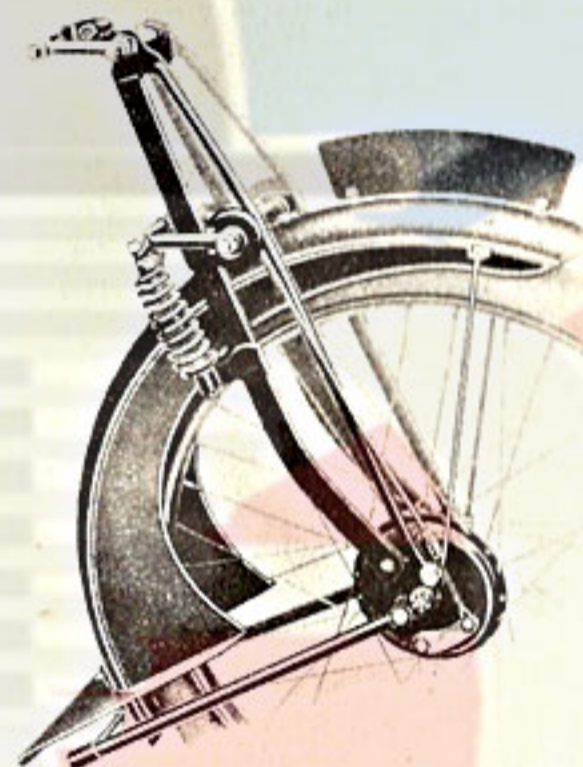


**GEARBOX**—A change-speed mechanism of the utmost efficiency. Gears are of the constant mesh type, and are controlled by a lever, carried in gate on right-hand side of tank. Genuine **Ferodo** is used in the clutch for friction surfaces. The kick-starter is of an efficient and simple type, and is automatically held out of action when engine starts.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.



**NEW-HUDSON FRONT FORKS**—These are made under "Druid" licence, incorporating steel forgings, tapered tubes, and exceptionally strong girders and side links. Fitted with patent spring rebound dampers. The side links have special provision made for quick and ready adjustment to take up wear, and all bearings have provision for **Grease gun lubrication**. Thus we effectively overcome one of the minor but irritating troubles from which most motor cyclists have suffered in the past.



**NEW-HUDSON TANKS**—One of our proved **Duplex** pattern. The importance of this new type of tank, for which full patent protection has been secured, cannot be over-estimated. The Oil and Petrol Reservoirs comprise **two separate tanks**, but when assembled they present a very neat example of the conventional tank. The joint is effectively concealed by a neat band the latter being permanently fixed to the oil tank.



**INTERNAL EXPANDING BRAKES**—On all NEW-HUDSON Motor Cycles both front and rear brakes are of the internal expanding type. The braking surfaces are of ample size, the shoes are faced with **Ferodo** friction linings, the long-wearing and heat-resisting properties of which are well known and admit of the prolonged use of either or both brakes.



# NEW-HUDSON

THE COMPLETE MOTOR CYCLE.

**FRAME**—NEW-HUDSON Frames are of an entirely new design, the various lugs being machined from solid steel forgings. All tubes are of the highest quality, butted and reinforced at all vital points.

Ample provision is made for pressure lubrication of such important parts as the Steering Head Ball Races; the latter, furthermore, having been greatly increased both in size and solidity.

**NEW-HUDSON CARRIER**—A Brazed-up Tubular Carrier, capable of carrying heavy weights.

**EQUIPMENT**—All models are equipped with Number Plates, front and rear, Pannier Bags and a complete Tool Kit of the very best quality, also Grease Gun, Bluemel Inflator and Clips, besides complete Lighting Sets and Horns.

**ADJUSTMENTS**—Simple means are provided for adjustment of all parts which from wear or other causes may require it.

**FINISH**—Our models have the same fine finish that has always characterised NEW-HUDSON Motor Cycles—handsome, weatherproof, durable, and previous to enamelling, rust-proofed by our patent "Cosletting" process.

**LICENCE HOLDER**—Of approved and efficient type, meeting all the requirements of the motor taxation regulations.

**GREASE GUN LUBRICATION**—All bearings of the machine, except Engine and Gear Box, have provision for pressure grease lubrication. A substantial and efficient grease injector is supplied with each Motor cycle.



A **TOOL KIT** is included in the NEW-HUDSON specification without extra charge. It is conspicuous for its completeness. The tools are of the very best quality, and fitted in a substantial leather roll, which exactly fits the NEW-HUDSON Tool Bags.

## Conditions of Sale and Terms of Business.

THE productions shown in this Catalogue are only sold subject to the Conditions of Guarantee given on second page of cover.

All Motor cycles specified in this catalogue are packed in crates, which are chargeable and returnable, and consigned by Goods Train, CARRIAGE PAID, to the Station nearest to the Agent's Depot, or by Passenger Train, unpacked, at our option.

Notwithstanding payment of carriage, all goods are to be considered as delivered to the customer when put on rail at Birmingham Station, and all orders are accepted and executed upon this understanding.

Upon receipt of goods by the customer, it is essential that the Railway Company's Delivery Sheet should in all cases be signed "Not examined." The goods should then be carefully inspected, and in the event of any damage notice should at once be sent to the carriers, and claim made from them.

Cases and crates for shipment abroad are charged at cost price.

**REMITTANCES**.—Cheques and Post Office Orders should be made payable to the Company.

Customers' Motor Cycles will only be ridden by our employees at the risk and responsibility of the owners.

**REPAIRS**.—Machines, or parts for repair, must be sent carriage paid to our Service Dept., and distinctly labelled with the owner's name and address. Instructions should be posted under separate cover. All repairs and replacements must be paid for before delivery.

All Repair Parts delivered free on rail at Birmingham.

Orders for Spare Parts and Replacements must be accompanied by remittance, including cost of postage, marked "Service Department."

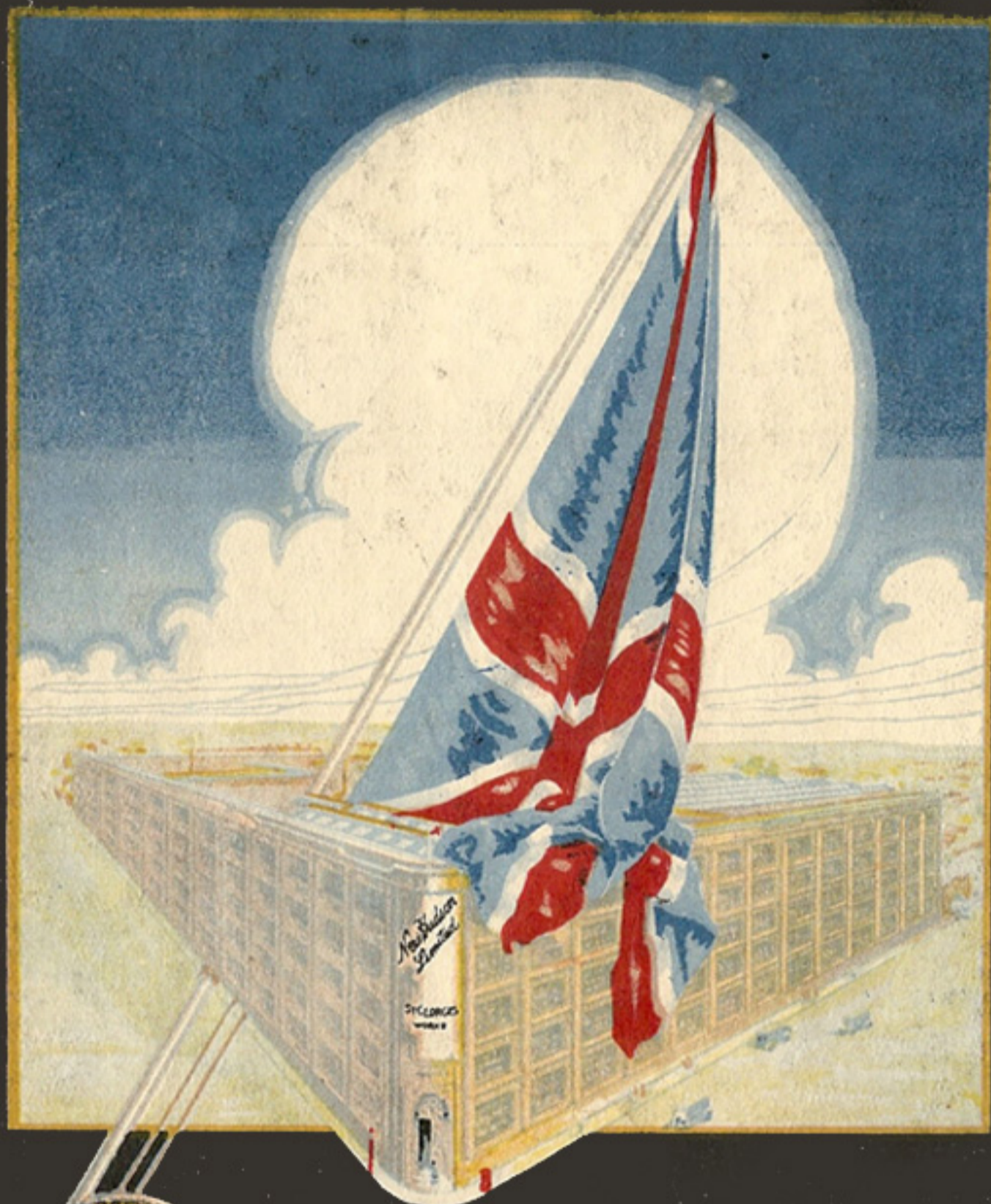
*We reserve the right to alter Prices and Specifications contained in this Catalogue from time to time without further notice or advice.*

THE TERM "AGENT" is used in a complimentary sense only, and those firms whom we style our agents are not authorised to advertise, incur any debts, or transact any business whatsoever on our account, other than the sale of goods which they may purchase from us; nor are they authorised to give any warranty or make any representation on our behalf other than those contained in guarantee.

NEW-HUDSON LTD.,

St. George's Works,

Icknield Street, Birmingham.



**NEW-HUDSON**  
**MOTOR-CYCLES**