

OVERSEAS



**Francis-Barnett**  
BARNETT MOTOR CYCLES . NZ

## FOREWORD

THE Two-Stroke models offered for the Season 1935 are notable examples of staunch, reliable and highly efficient machines, at most reasonable prices. They meet, in most definite fashion, the demands of those who require reliable road service combined with undoubted economy in first cost and in upkeep. The "Plovers" and "Seagulls" have frames of new design, of the most modern type, offering great strength and rigidity, and ensuring real riding comfort. The "Black Hawk" is continued without modification and is a worthy representative of the Francis-Barnett triangulated frame design.

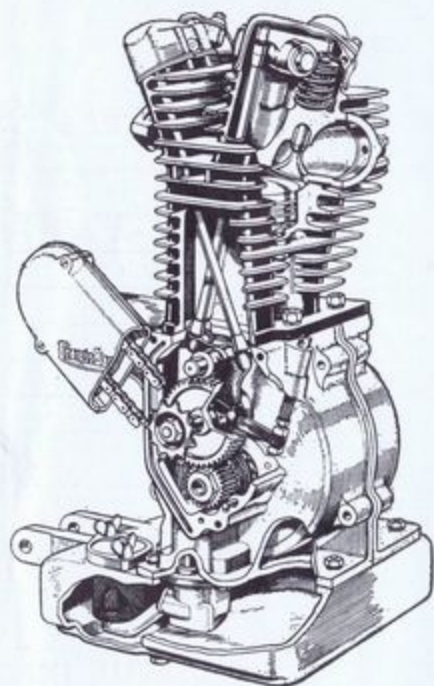
The "Cruiser" now enters upon its third year of production. Only slight alteration in detail has been made. This model has established for itself a most enviable reputation. In addition to its advantages as the "cleanest" motor cycle on the road, we claim that for sheer comfort the "Cruiser" is probably without equal. It allows of a cruising speed of 45 m.p.h., and will maintain this speed over long distances. Each year the demand for the "Cruiser" is increasing.

The "Stag 44" is intended to appeal to those riders who are especially interested in a 250 c.c. O.H.V. Model of the highest class. The details of its design deserve careful study. The engine is of the high efficiency order and a fully satisfactory road performance is assured. A high cruising speed may be depended upon, the maximum speed being well over the sixty mark. Particular attention has been paid to those mechanical details upon which reliability and adequate road performance depend. The valve gear is totally enclosed and has been designed with a view to combining high performance, quiet operation and durability. The combustion chamber, angle of valves, etc., has been designed to give the highest efficiency. The mainshaft is of ball bearing type with a double-row roller bearing to the big end.

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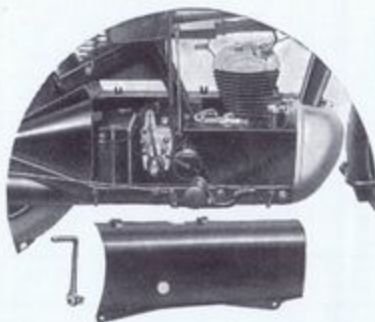
## RANGE OF MODELS

The illustration shows the 'Stag' engine, partly sectioned to exhibit the internal arrangement. The totally enclosed valve gear and straight valve rockers are shown, also the angle of the "cross over" push rods. The valve rockers have a direct oil feed under pressure. The upper rockers with pivot bearings are enclosed in detachable castings, each of which is provided with a removable cap for adjustment of valve clearances.



From "THE MOTOR CYCLE"

The kick-starter crank of the "Cruiser E39" is instantly detachable, and shields are removable without tools. The disposition of engine, gearbox, dynamo and battery is clearly shown. All parts are completely accessible with shields removed.



**'PLOVER 40'** 148 c.c. Two-Stroke Model.  
Flywheel Magneto Ignition and Direct Lighting

**'PLOVER 41'** 148 c.c. Two-Stroke Model.  
Flywheel Magneto Ignition and Dynamo Lighting

**'SEAGULL 42'** 249 c.c. Two-Stroke Model.  
Flywheel Magneto Ignition and Direct Lighting

**'SEAGULL 43'** 249 c.c. Two-Stroke Model.  
Flywheel Magneto Ignition and Dynamo Lighting

**'BLACK HAWK E36'** 196 c.c. Two-Stroke Model. Dynamo Lighting and Coil Ignition

**'CRUISER E39'** 249 c.c. Two-Stroke Model.  
Automatic Lubrication,  
Four-Speed Gearbox, Dynamo Lighting and  
Coil Ignition - - -  
With Petroil Lubrication,

**'STAG 44'** 248 c.c. O.H.V. Four-Stroke Model. Four-Speed Gearbox. Miller Dyno-Mag Set - -

All Models Fully Equipped and Ready for the Road

## EXTRAS TO ORDER AND USEFUL INFORMATION

### EXTRAS TO ORDER

	"Plover 40"	"Plover 41"	"Seagull 42"	"Seagull 43"	"Stag 44"	"Cruiser E39"	"Black Hawk E36"
Legshields ... ..						—	—
Jaeger Trip Speedometer ...							
Fort Dunlop Tyres, pr wheel							
Pillion Footrests ... ..							
Carrier, in place of Hand Grip	—	—	—	—		—	—
Flywheel Magneto in place of Coil ... ..	—	—	—	—		—	—
Chromium Plated Tank, with blue panels ... ..				—	—	—	—

### USEFUL INFORMATION

	Saddle Height	Overall Length	Overall Width	Wheelbase	Ground Clearance	Unladen Weight
"Plover 40" ...	26½"	6' 8½"	2' 4"	4' 3½"	4½"	180 lbs.
"Plover 41" ...	26½"	6' 8½"	2' 4"	4' 3½"	4½"	197 lbs.
"Seagull 42" ...	26½"	6' 8½"	2' 4"	4' 3½"	4½"	215 lbs.
"Seagull 43" ...	26½"	6' 8½"	2' 4"	4' 3½"	4½"	230 lbs.
"Stag 44" ...	27"	6' 11½"	2' 4"	4' 6½"	4½"	282 lbs.
"Cruiser E39" ...	26½"	6' 10½"	2' 4"	4' 6"	6"	267 lbs.
"Black Hawk E36"	27"	6' 7½"	2' 4"	4' 1½"	5½"	201 lbs.

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## GENERAL SPECIFICATIONS

### "STAG 44"

**ENGINE.** 248 c.c. Francis-Barnett O.H.V. 68 m/m bore  $\times$  68 m/m stroke. Single Port Exhaust. Sump capacity  $4\frac{1}{2}$  pints. Double Row Roller Bearing to Big End. Ball Bearings to Mainshaft.

**CARBURETTER.** Amal, with twist grip throttle.

**GEAR.** Albion Four-Speed; foot gear change. Ratios: 5.65, 7.63, 10.2, 16.55.

**TRANSMISSION.** Renold  $\frac{1}{2}$ " P. Chains, front and rear. Primary drive enclosed in cast aluminium oil bath case.

**LIGHTING and IGNITION.** Miller 6v., 36w., Dyno-Mag set. 8" dia. headlamp. Ammeter and dimmer switch. 13 A.H. battery. Twist grip ignition control.

**TANK.** Steel welded. Capacity  $3\frac{1}{4}$  gallons.

**TYRES.** 26"  $\times$  3.25" Dunlop.

**FRAME.** Special construction, ensuring great strength. Front member 'I' section steel forging.

**FORK.** Druid. **Rubber Insulated Handlebar.** Hand adjusted shock absorber and steering damper.

**BRAKES.** 7" dia. rear and 6" dia. front.

**SADDLE.** Special Terry.

**MUDGUARDS.**  $5\frac{3}{4}$ " wide. Rear guard instantly detachable. Hand-grip fitted.

**STANDS.** Central prop stand, in addition to front and rear stands.

**EQUIPMENT.** Electric Horn, Licence Holder, Inflator, Grease Gun and Complete Tool Kit.

**FINISH.** Best quality Black Enamel, after Bonderizing process, and Chromium plating. Tank Chromium plated with Black Enamelled Panels, Gold lined.

### "CRUISER E39"

**ENGINE.** 249 c.c. Villiers Long Stroke. 63 m/m  $\times$  80 m/m. Twin Exhaust Ports.

**CARBURETTER.** Villiers twist grip throttle. Jet control lever on handlebar.

**GEAR.** Albion four-speed. Ratios: 5.7, 7.7, 10.26, 16.78.

**TRANSMISSION.** Renold Chains. Front  $\frac{3}{8}$ " P. Rear  $\frac{1}{2}$ " P.

**LUBRICATION.** Villiers automatic. Separate oil tank. Or, to order, Petroil System.

**LIGHTING.** Miller 6v., 36w., dynamo lighting with Ammeter and dimmer switch. Instrument panel over handlebar. 13 A.H. battery.

**IGNITION.** Miller Coil.

**FRAME.** Front member and head in one steel forging. Side members of deep section channel steel.

**FORK.** Special design. Box section welded steel blades; single compression spring.

**TYRES.** 26"  $\times$  3.25" Dunlop.

**BRAKES.** 6" diameter rear; 5" front. Torque-reaction member sliding inside frame.

**SADDLE.** Terry "Dominion," hinged well forward and fitted with large compression springs.

**TANK.** Steel welded. Capacity 2 gallons.

**MUDGUARDS.** 6" front, 7" rear. Rear guard instantly detachable. Deeply valanced.

**EQUIPMENT.** Electric Horn, Legshields, Undershield, Licence Holder, Inflator and Grease Gun. Complete Tool Kit.

**FINISH.** Best quality Black Enamel, after Bonderizing process. Tank Chromium plated, with Black Enamelled Panels, Gold lined.



THE CRUISER

# GENERAL SPECIFICATIONS

(continued)

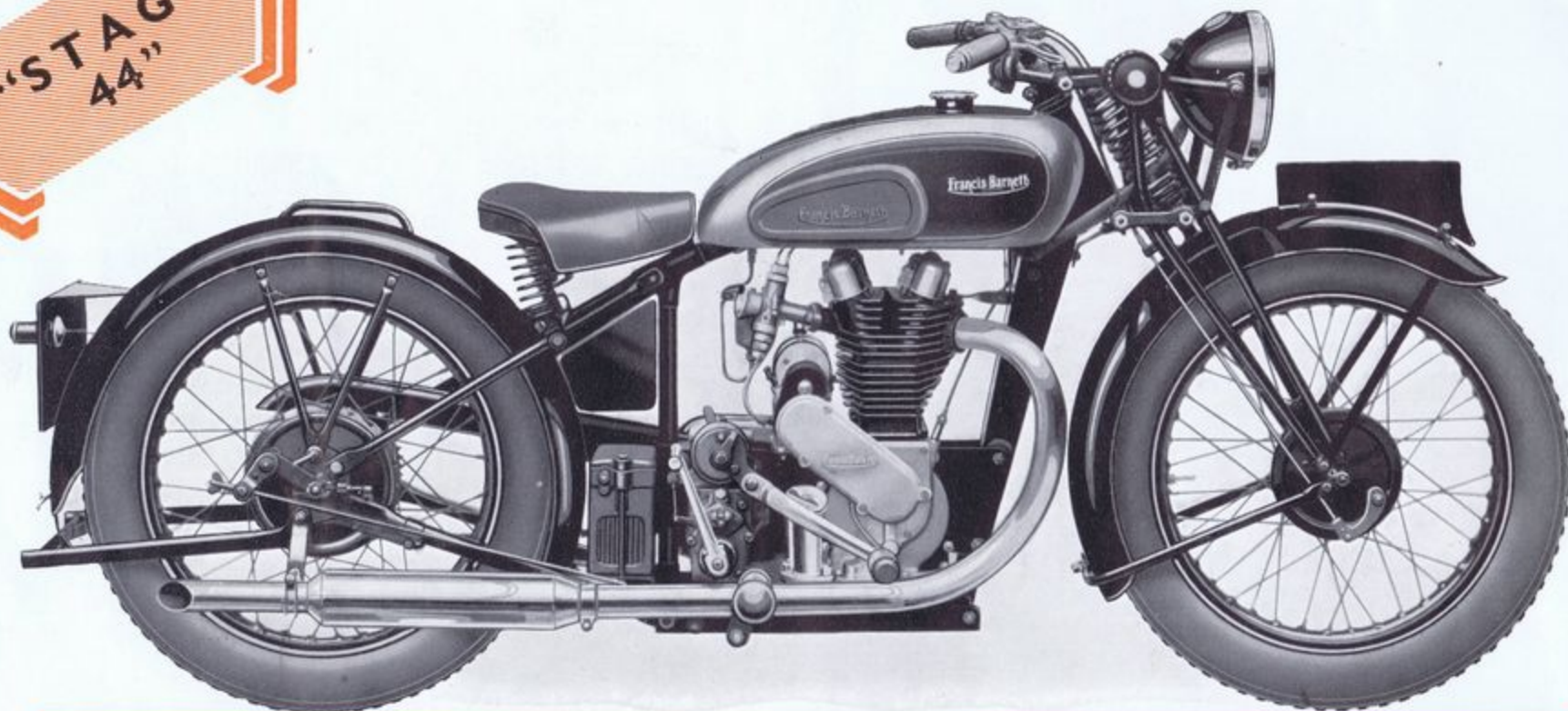
## “PLOVERS” and “SEAGULLS”

- ENGINE.** Villiers Two-stroke ; “Plovers” 148 c.c.  
“Seagulls” 249 c.c.  
Long stroke, twin exhaust ports, Villiers carburetter, twist grip control, jet control lever on handlebar.
- GEAR.** Albion 3-speed gearbox. “Plover” ratios 6.6, 10.4, 18.4. “Seagull” ratios 5.5, 8.6, 15.3.
- TRANSMISSION.** Renold chains. Front  $\frac{3}{8}$ " P., Rear  $\frac{1}{2}$ " P.
- LUBRICATION.** Petroil system.  $\frac{1}{2}$ -pint of oil to 1 gallon of petrol.
- LIGHTING.** “Plover 40” and “Seagull 42” : Direct Lighting from Flywheel Magneto.  
“Plover 41” and “Seagull 43” : Miller 6 v. Dynamo Lighting Set.
- IGNITION.** Villiers flywheel magneto.
- TANK.** Steel welded. Capacity 2 gallons. Anti-splash filler cap with oil measure.
- TYRES.** Dunlop. “Plover” size 25"  $\times$  3.00" ; “Seagull” size 25"  $\times$  3.25".
- FRAME.** Special construction, ensuring great strength and rigidity.
- BRAKES.** “Plover” 4" diameter. “Seagull” 5" diameter.
- MUDGUARDS.** 5 $\frac{1}{2}$ " wide, deep section.
- SADDLE.** Special Terry, hinged well forward.
- EQUIPMENT.** Bulb Horn on “Plover 40” and “Seagull 42.”  
Electric Horn on “Plover 41” and “Seagull 43.” Licence Holder, Inflator, Grease Gun and complete Tool Kit.
- FINISH.** Best quality Black Enamel after Bonderizing process and Chromium plating. Tanks Black enamel, Gold lined—except “Seagull 43” which has Chromium plated tank with Blue panels, Gold lined.

## “BLACK HAWK E36”

- ENGINE.** 196 c.c. Villiers Two-Stroke. 61 m/m bore  $\times$  67 m/m stroke.
- CARBURETTER.** Villiers Two-lever. Twist grip throttle control. Jet control lever on handlebar.
- GEAR.** Albion three-speed. Ratios : 6.2, 9.7, 17.24.
- TRANSMISSION.** Renold Chains. Front  $\frac{3}{8}$ " P, Rear  $\frac{1}{2}$ " P.
- LUBRICATION.** Petroil system.  $\frac{1}{2}$  pint of oil to 1 gall. of petrol.
- LIGHTING.** Miller 6 volt, dynamo lighting set. 13 A.H. battery.
- IGNITION.** Miller coil.
- TANK.** Steel welded. Capacity 1 $\frac{5}{8}$  gallons. Anti-splash filler cap with oil measure.
- TYRES.** 25"  $\times$  3.00" Dunlop.
- FRAME.** Triangulated. Francis-Barnett Registered Design.
- BRAKES.** 5" Front and rear.
- MUDGUARDS.** 5 $\frac{1}{2}$ " wide, deep section.
- SADDLE.** Special Terry.
- EQUIPMENT.** Legshields, Electric Horn, Licence Holder, Inflator, Grease Gun and Complete Set of Tools.
- FINISH.** Best quality Black Enamel, after Bonderizing process. Tank Chromium plated with Black Panels.

"STAG  
44"



In the design of this engine we have aimed at mechanical silence combined with high efficiency. The push rods are enclosed throughout their entire length in tunnels cast in the cylinder. The large diameter rocker spindles are carried in detachable castings.

The oil sump below the crankcase has a capacity of  $4\frac{1}{2}$  pints. A submerged pump of the roto-plunge type supplies oil through the centre of the timing side shaft to the big end bearing. An independent feed is arranged for the overhead valve gear. The filter is removable for cleaning without draining the sump.

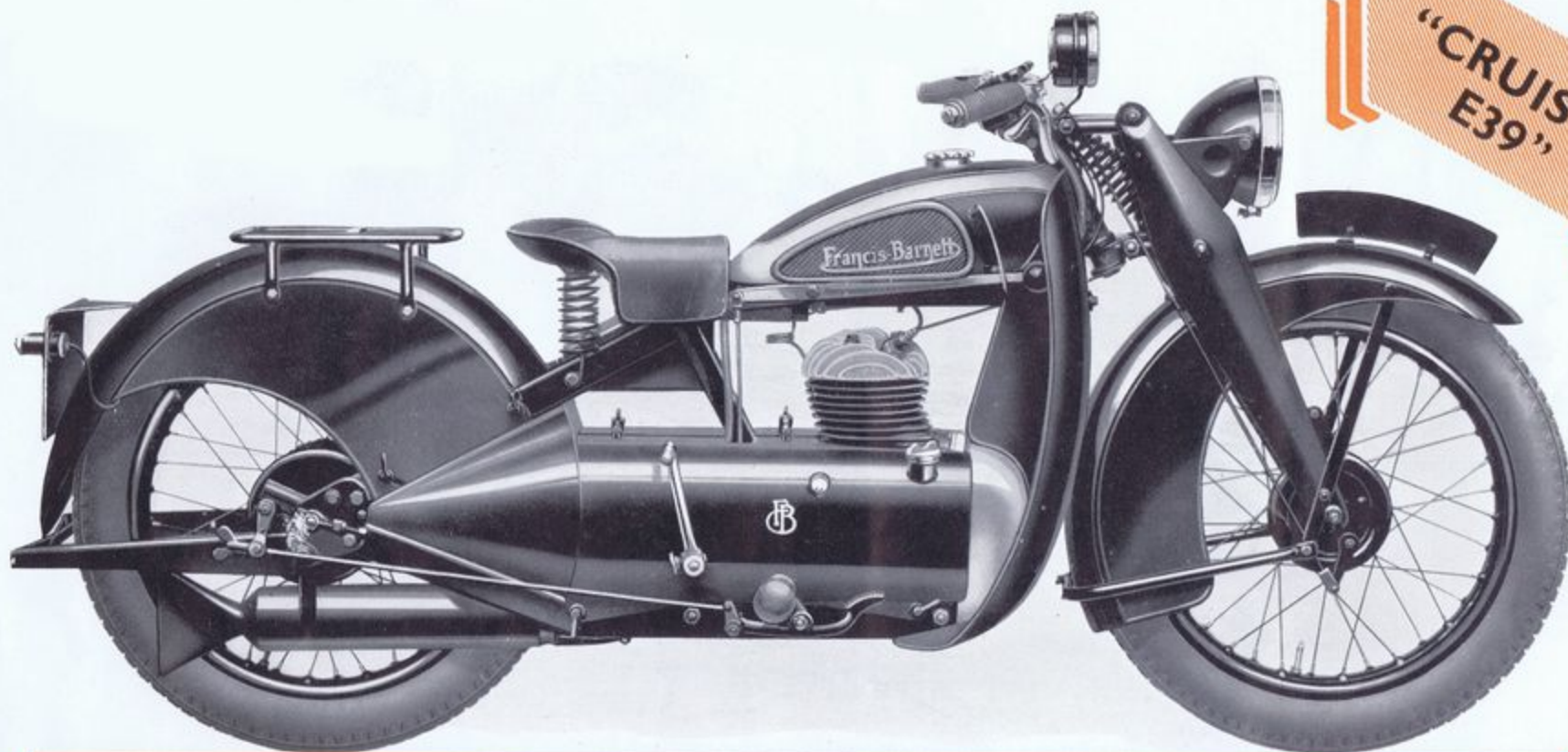
The front frame member, with the head, is a steel forging. A machine of high performance and distinctive character, the "Stag" carries our strong recommendation.

248 c.c. Francis-Barnett O.H.V. Engine. Lighting and Ignition by Miller 6 volt 36 watt Dyno-Mag Set. Four-speed Gearbox. 26" x 3.25" Dunlop Tyres. Electric Horn.

Code Word : "Stag"

(General Specification on page 2).

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"CRUISER  
E39"

During the Season 1934 the "Cruiser" has further increased in popularity. The advantages offered by this advanced design are more and more understood. It is realised that the "Cruiser" is not only the "cleanest" machine to ride—it is definitely one of the most comfortable.

The alterations for 1935 are confined to minor details only. The design has proved itself to be "right"—no necessity for alteration in its basic principles has been discovered. The "Cruiser" remains the best example of a clean and quiet motor cycle. Shields and rear mudguard are detachable, without tools. Cleaning is but the matter of a few minutes. A cruising speed

of 45 m.p.h. can be maintained over long distances. This model offers luxury riding at a very moderate cost.

249 c.c. Villiers Long Stroke Engine. Miller 6 volt Dynamo Lighting Set, with Ammeter and Dimmer Switch. Miller Coil Ignition. Four-speed Gearbox. 26"×3.25" Dunlop Tyres. Electric Horn and Legshields. - - - -  
With Petroil Lubrication - - - -

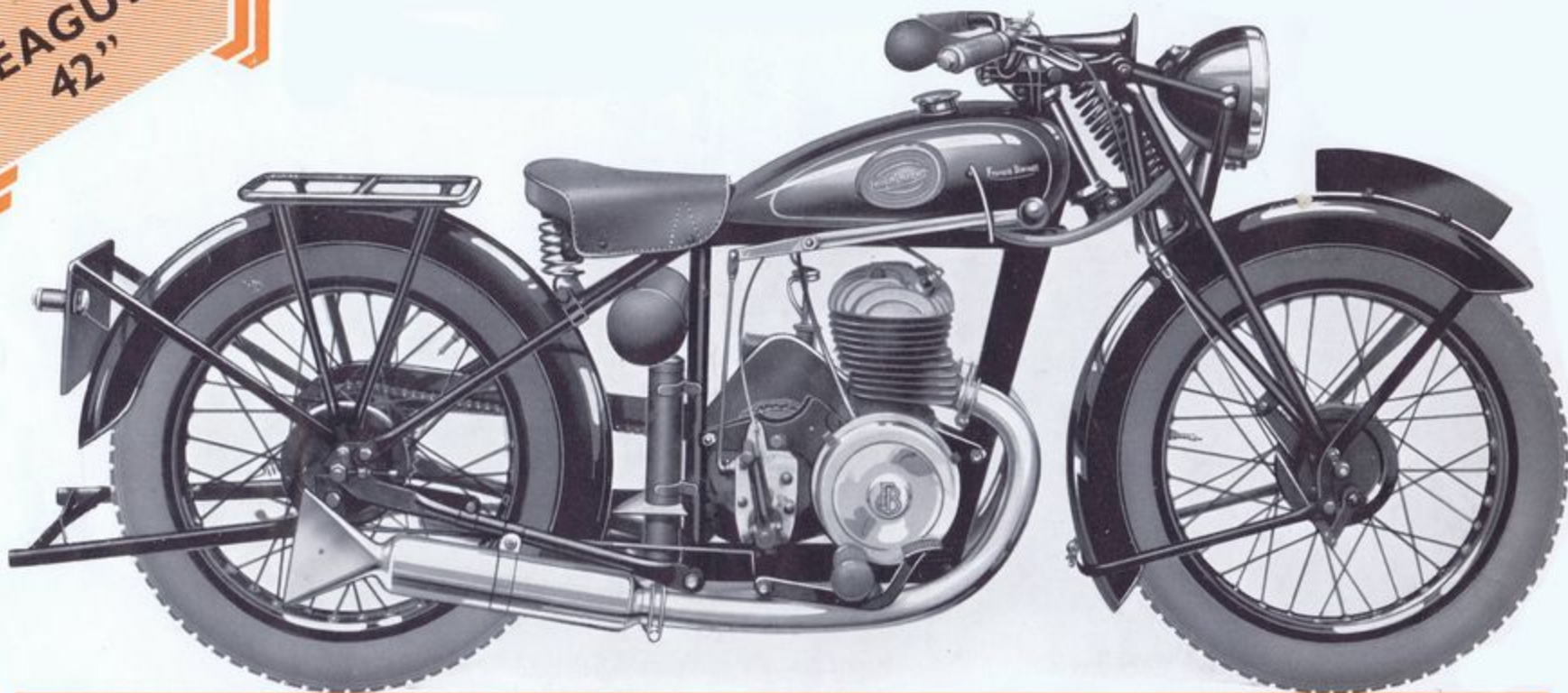
Code Word : "Cruisauto."

Code Word Petroil Lubrication : "Cruispetro."

(General Specification on page 2).

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# "SEAGULL 42"



The present demand for a machine of the 250 c.c. class—a demand which is steadily increasing, has induced us to market the "Seagull." With this type of machine an eminently satisfactory performance, both as regards cruising speed and hill climbing, may be depended upon.

The "Seagull 42" is equipped with Flywheel Magneto and Direct Lighting. It offers an adequate touring performance

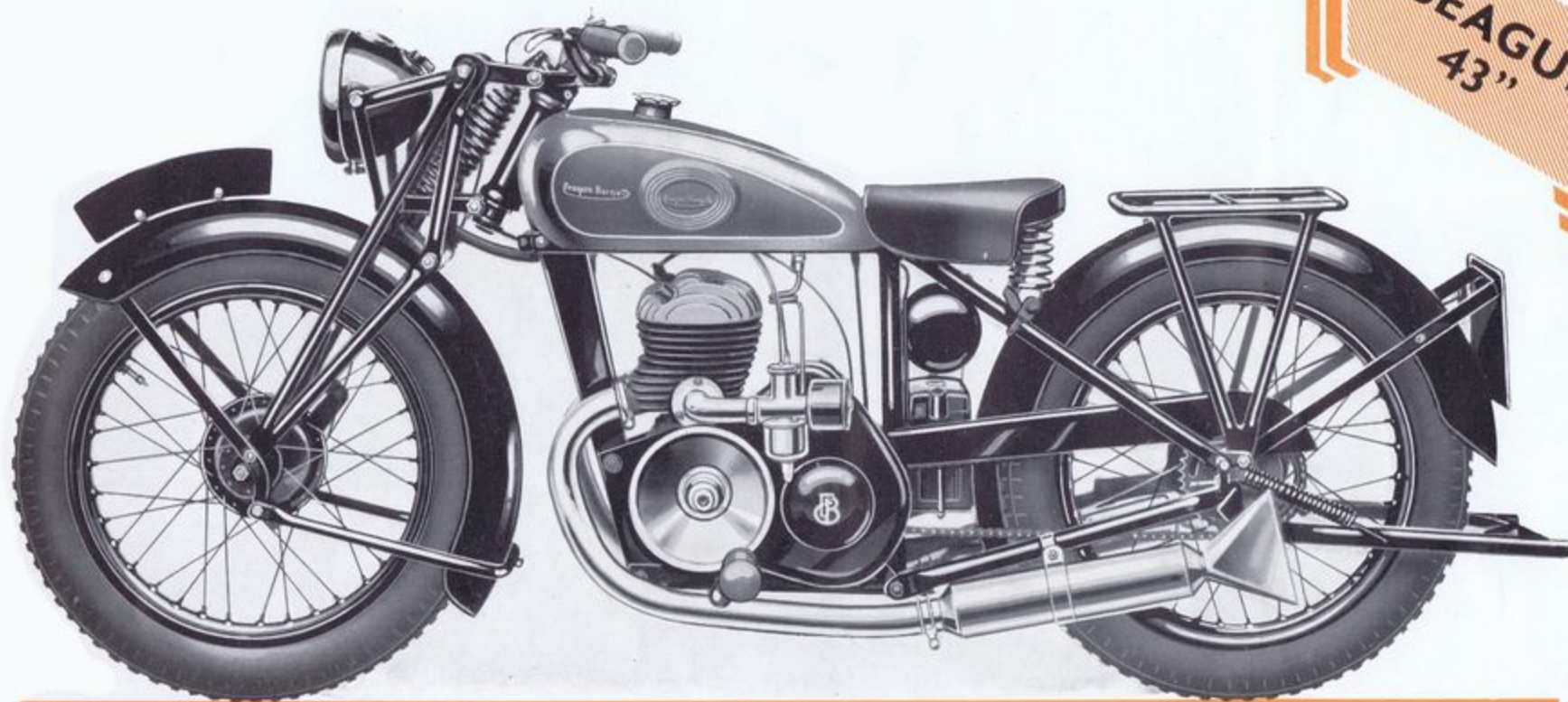
simplicity of management, low cost price and great dependability.

249 c.c. Villiers Long Stroke Engine. Direct Lighting from Flywheel Magneto. Flywheel Magneto Ignition. 25" x 3.25" Dunlop Tyres. Bulb Horn.

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(General Specification on page 11).





"SEAGULL  
43"

The robust equipment of the "Seagulls" is evident at a glance. The instant impression is created of a sturdy, practical, well turned-out job—obviously the outcome of careful thought and long road experience. In the "Seagull 43" we include Chromium plated tank with Blue panels. Similar in build to the machine illustrated on the opposite page, it differs from it in having the Miller Dynamo Lighting Set and Electric Horn.

This model was the centre of lively interest at the Olympia

Show and we confidently predict for it a successful career.

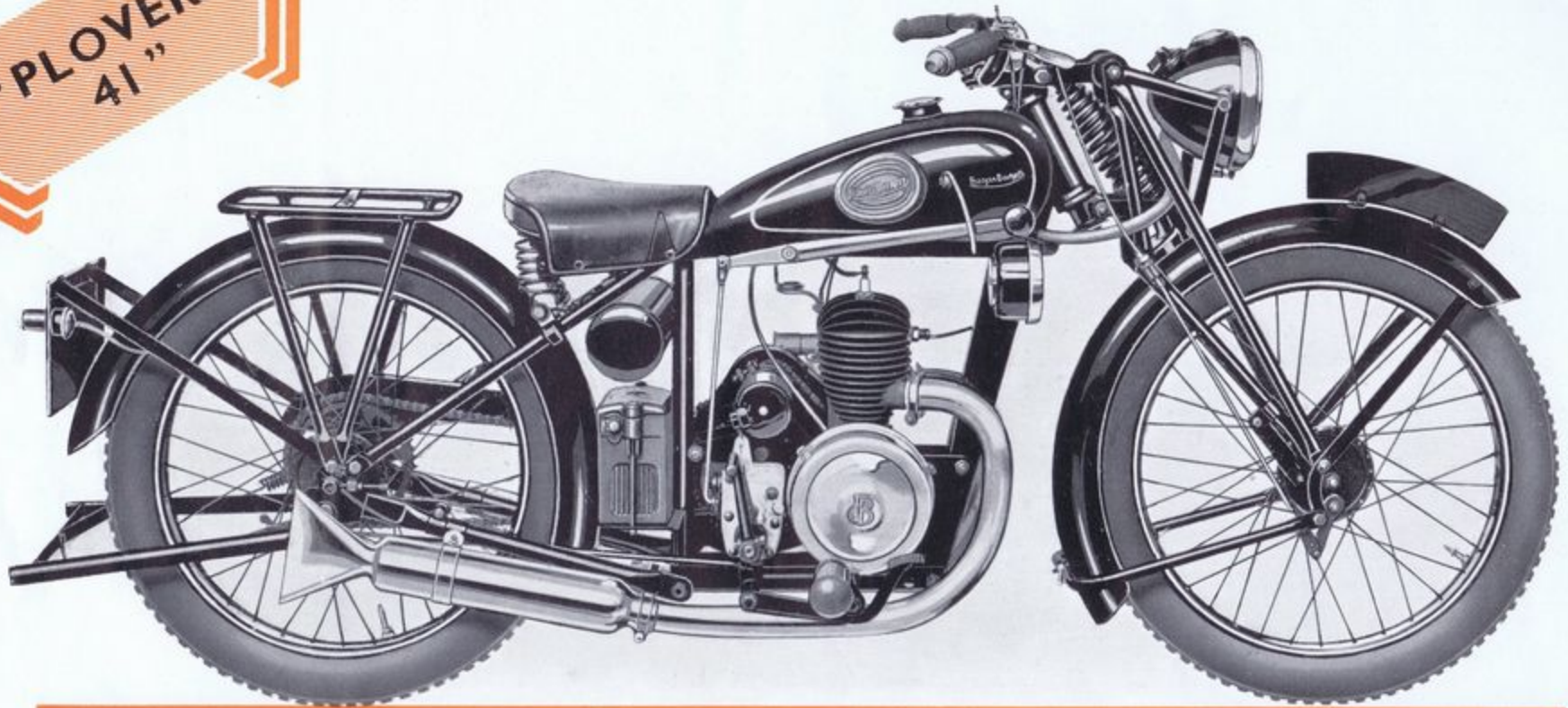
249 c.c. Villiers Long-Stroke Engine. Miller 6-volt Dynamo Lighting Set. Flywheel Magneto Ignition. 25" × 3.25" Dunlop Tyres. Electric Horn. Tank Chromium plated, with blue panels, gold lined.

Code Word: "Sealark."

(General Specification on page 11).

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# "PLOVER 41"



The "Plover 41" is identical in general design with the model described on the opposite page. It is, however, equipped with the Miller Dynamo Lighting, the ignition being by Flywheel Magneto. This attractive combination has increased in popularity during the past two or three years.

The frame of the "Plovers" affords great strength and rigidity, while the riding position is arranged to secure the greatest

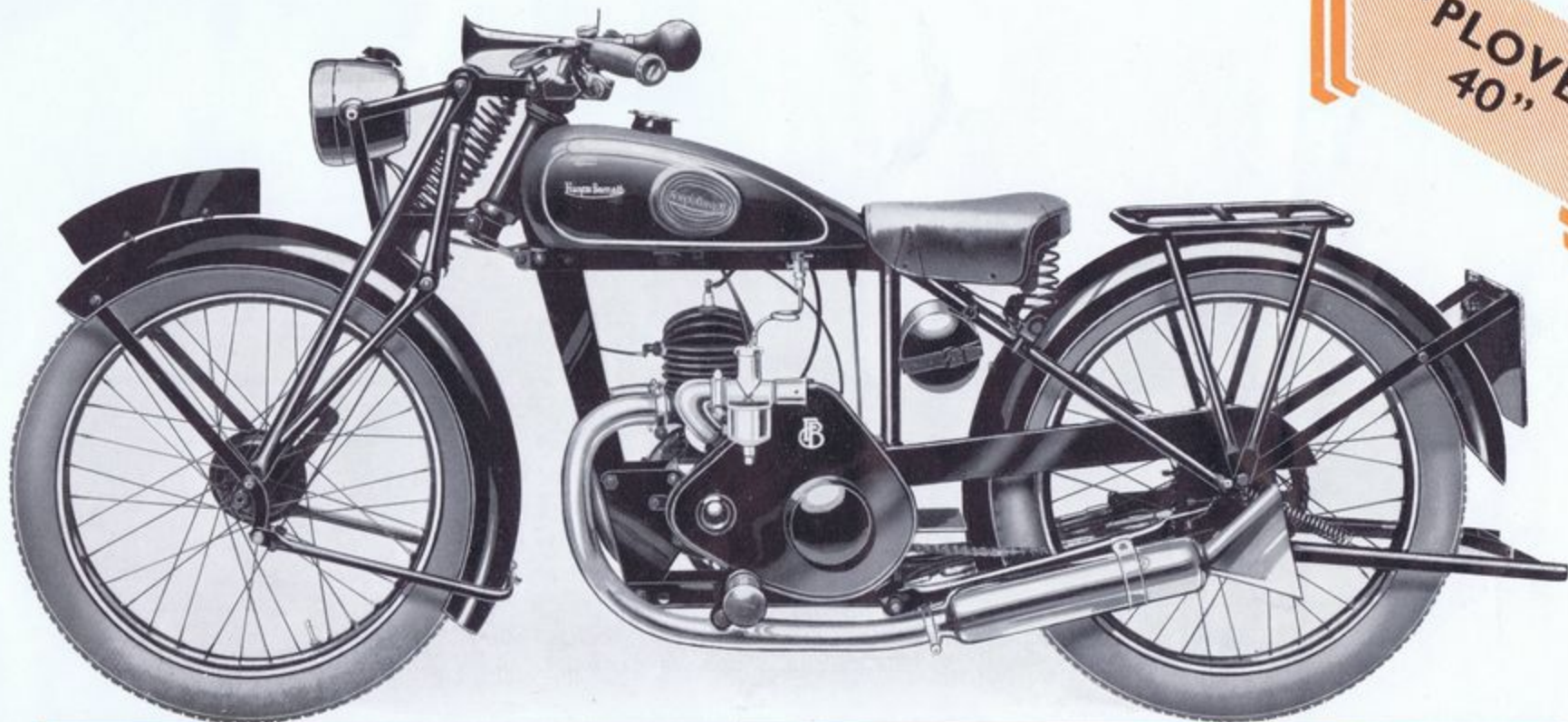
comfort. We confidently recommend the "Plovers" for service in all parts of the world. Their capabilities win the admiration of owners from the outset.

148 c.c. Villiers Long Stroke Engine. Miller 6 volt Dynamo Lighting Set. Flywheel Magneto Ignition. 25" x 3" Dunlop Tyres. Electric Horn. - - - -

Code Word: "Ploughman"

(General Specification on page 11).

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"PLOVER  
40"

In its new form the "Plover" is a worthy successor to the successful 150 c.c. models we have manufactured during the past ten years. The "Plover 40" has a wide range of utility. It appeals to all who require a machine which offers a good turn of speed, is an excellent hill climber, quiet and easily controlled, gives the minimum of trouble, and which is economical to buy and to maintain.

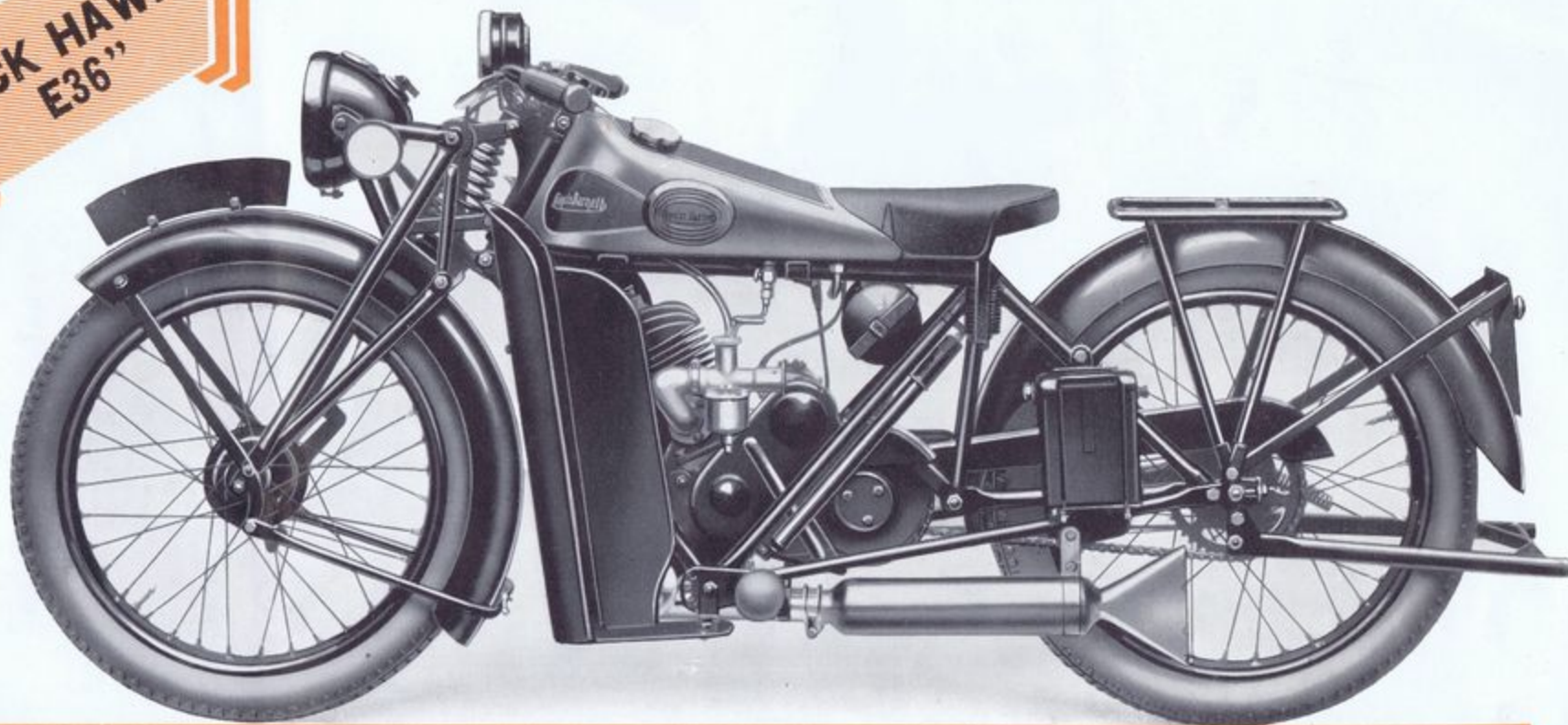
The "Plover" is the ideal machine for the cyclist. It will ease his labour, bring new pleasures and immensely widen the radius of his activities.

148 c.c. Villiers Long Stroke Engine. Direct Lighting from Flywheel Magneto. Flywheel Magneto Ignition. 25" x 3" Dunlop Tyres. Bulb Horn. - - - - -

Code Word: "Plough" (General Specification on page 11).

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**"BLACK HAWK  
E36"**



The "Black Hawk E36" is continued for 1935 without any modification of detail. Representative of our triangulated frame design, this model has enjoyed considerable popularity for several years, both in the Home and Overseas markets.

The "Black Hawk" has proved its sterling qualities in the British Dominions, often under very exacting conditions, and a fully satisfactory road performance may be relied upon. The

tank is finished in chromium plating and an Electric Horn and Legshields are included in the standard equipment.

196 c.c. Villiers Engine. Miller 6 volt Dynamo Lighting Set. Miller Coil Ignition. 25" x 3" Dunlop Tyres. Electric Horn and Legshields. With Flywheel Magneto, instead of coil

Code Word : " Hawker. "

Code Word with Flywheel Magneto : " Hawkermag "

(General Specification on page 11).

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# GUARANTEE AND TERMS OF BUSINESS

## NOTICE.

Machines are delivered Carriage Paid to nearest Railway Station in Great Britain.

We do not appoint agents for the sale on our behalf of our motor cycles or other goods, but we assign to motor cycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation or incur any liability on our behalf.

## CONDITIONS OF SALE AND GUARANTEE.

We give the following guarantee with our motor cycles, motor cycle combinations and sidecars including all accessories and component parts other than tyres, saddles, chains and lighting and electrical equipment and other than accessories and component parts supplied to the order of the Purchaser and differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations and sidecars, but including accessories and parts supplied by way of exchange as hereinafter provided. This guarantee is given in place of any implied conditions or warranties or any liabilities whatsoever statutory or otherwise; no guarantee except that hereinafter contained and no condition or warranty whatsoever statutory or otherwise is given or is to be implied, nor are we to be under any liability whatsoever except under the guarantee hereinafter contained. Any statement, description condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding anything herein contained. In the case of machines (a) which have been used for "hiring out" purposes, or (b) any motor cycle and/or sidecar used for any dirt track, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition) or (c) machines from which the trade mark, name or manufacturing number has been altered or removed or (d) any machines in which parts have been used not supplied by or approved by the motor cycle manufacturer, or (e) any machine from which the silencing system as fitted by the manufacturer has been partially or wholly removed or interfered with, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied nor are we to be under any liability whatsoever in respect of any such machine.

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, or date of exchange in case of any accessory or part supplied by way of exchange as hereinafter provided, and damages for which we make ourselves responsible under this guarantee are limited to the free repair of or supply of a new part or accessory in exchange for the part of the motor cycle, motor cycle combination or sidecar or accessory which may have proved defective. We undertake, subject to the conditions mentioned below, to make good in manner aforesaid any part or accessory covered by this guarantee which has proved defective within the said period of six months. We do not undertake to replace or refix, or bear the cost of replacing or refixing any such new part or accessory in the motor cycle, motor cycle combination or sidecar. As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

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

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

We do not guarantee tyres, saddles, chains or lighting and electrical equipment, or any accessories or component parts supplied to the order of the Purchaser differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations or sidecars. As regards all such tyres, saddles, chains, lighting and electrical equipment, accessories and component parts, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, and we are to be under no liability whatsoever in respect thereof.

## CONDITIONS OF GUARANTEE.

If a defective part or accessory should be found in our motor cycles, motor cycle combinations or sidecars, or in any part or accessory supplied by way of exchange as before provided, 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 or accessory 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.

## REPAIRS.

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials 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 all conditions and warranties statutory or otherwise and all liabilities whatsoever 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.

*We reserve the right to alter specifications and/or prices without notice.*

**FRANCIS & BARNETT, LTD., Lower Ford Street, COVENTRY**

Telegrams: "Franbar, Coventry"

Telephone: 3054

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