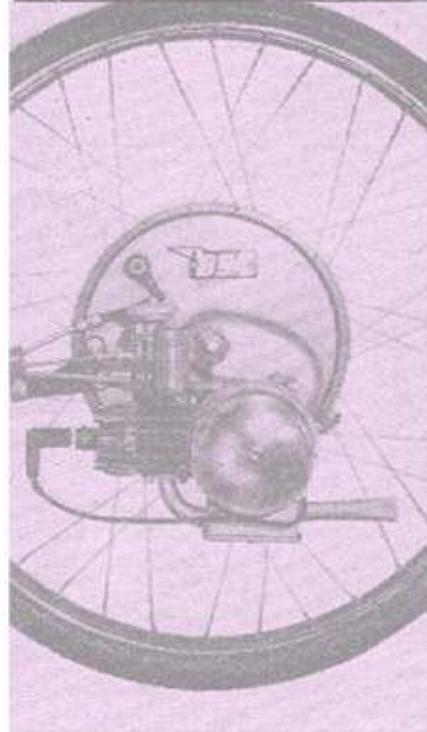


# IceniCAM Information Service



# GUARANTEE

We give the following guarantee with our Auto-Cycles, in place of any conditions, warranties or liabilities, statutory or otherwise. No statement contained in this catalogue or other publication shall be construed as enlarging or over-riding this guarantee. Machines which have been used for "Hiring Out" or competition purposes, or from which our trade mark, name or manufacturing number has been altered or removed are not covered by this guarantee.

Specialities, component parts or accessories not manufactured by ourselves are excluded from this guarantee.

Any machine from which the silencing system, as fitted, has been partially or wholly removed or interfered with, is also excluded from this guarantee.

We guarantee, subject to the conditions mentioned, that all reasonable care has been taken to secure excellence of materials and workmanship. This guarantee is to extend and be in force for six months from the date of retail purchase. Damages for which we accept responsibility are limited to the free supply of a new part in exchange for the part of the Auto-Cycle which may have proved defective. We undertake, subject to the conditions given below, to make good at any time within six months any defect in these respects. This guarantee does not apply to defects caused by wear and tear, misuse or neglect.

### CONDITIONS OF SALE.

If a defective part should be found in our Auto-Cycles, 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 dealer from whom purchased and the date of purchase.

Failing compliance with the above no notice will be taken of any part 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.

### AGENTS.

We do not appoint agents for the sale of our Auto-Cycles or other goods. We assign to dealers who carry on business on their own account. A dealer purchasing from us, or a sub-dealer purchasing from him, may on our behalf (as agent for this purpose only) give the guarantee printed above.

Any such dealer is not authorised to advertise, incur any debts, or transact any business whatsoever on our account; nor is he authorised, so as to bind us, to give any warranty or make any representation on our behalf save as aforesaid. We guarantee only those machines which are bought either from us or from a dealer or sub-dealer and under no other conditions.

## THE RAYNAL MANUFACTURING CO. LTD.

WOODBURN ROAD, (off Queen's Head Road)  
HANDSWORTH, BIRMINGHAM 21

Telephone :  
SMETHWICK 0738

Telegrams :  
RAYNAL, BIRMINGHAM

THE LION PRESS (1931) LTD. WEST BROMWICH

# RAYNAL AUTO

## POWER ASSISTED BICYCLE

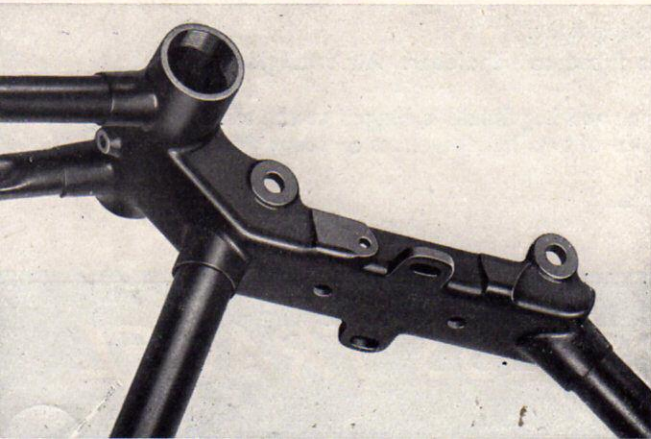
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RECEIVED  
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ENGINEER'S DEPT

for **BUSINESS or PLEASURE**

*Speedy & Economical  
with less effort*

### Exclusive Feature

The illustration shows the one piece engine bracket, which gives strength and rigidity at a vital point. The engine is two bolt fixing and readily detachable.



THE RAYNAL AUTO has been designed for those who wish to travel a little quicker and with less exertion than is possible with a cycle—at minimum cost. A complete unit, it is specially designed for its purpose. We would specially call attention to the engine-clutch unit and the spring fork. The advantages of these two features are manifold. Both have been incorporated without appreciably increasing the weight. The convenience of a hand controlled clutch can only be appreciated by actual experience in traffic, whilst the spring fork effectively absorbs shocks due to rough roads. Another feature of vital importance is the low centre of gravity resulting from the combination of a horizontal engine with a low bracket position. This in addition to a stiff triangulated frame and a correct steering angle ensures unusual stability and a feeling of easy confidence. The experienced cyclist will readily appreciate such items as the taper seat and chain stays, forward drop-out fork ends, and the completely brazed up frame. Starting and mounting the Raynal Auto is simplicity itself. A few steps at a brisk walking pace will start the engine when the handle controlled clutch can be withdrawn and the machine remain stationary whilst the rider mounts in comfort—the engine still running. A gentle release of the clutch lever will now result in a smooth quiet start. Always he can place both feet on the ground, whilst the engine is ticking over ready for the clutch engagement when traffic or lights clear. In short the Raynal Auto is a good investment whether used for business or pleasure. It will carry you to and from business speedily and without effort at a cost that is negligible whilst its possibilities for evening or week-end runs are well nigh inexhaustable.

Low Tax

Low Insurance

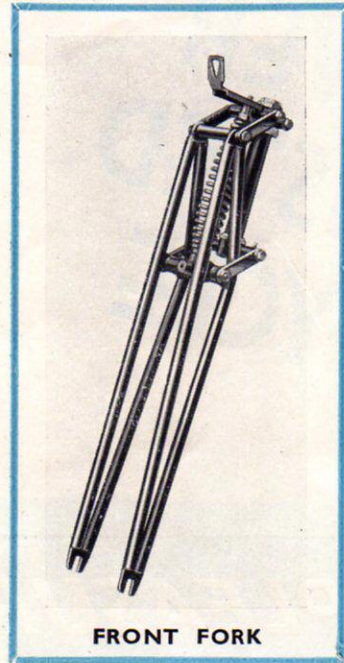
Low Petrol Consumption

# RAYNAL AUTO

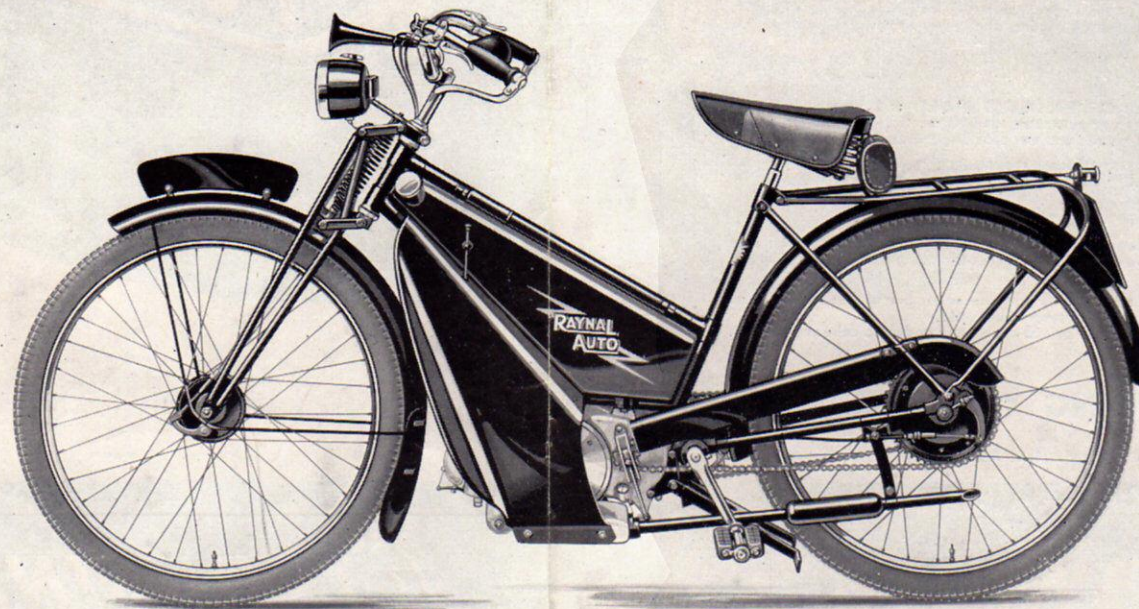
## THE POWER ASSISTED BICYCLE

Easy to start and control.

Both feet on the ground  
when stationary



FRONT FORK



### PRICE

equipped with Electric Lighting, Horn, Licence Holder, Stand, Carrier and Combined Engine and Leg Shields.

Prices subject to revision without notice.

### DE LUXE MODEL

#### TECHNICAL

**FRAME.** With brazed taper seat and chain stays, solid fork ends, forward wheel release, low position to permit feet on ground when stationary.

**FRONT FORK.** Twin tubular blades, coil spring operated.

**PEDALLING GEAR.** Low ratio.

**HUBS.** Incorporating internal expanding front and rear brakes, handlebar operated.

**TYRES.** Dunlop 26" x 2" heavy duty.

**WHEELS.** Heavy gauge rims and spokes.

**MUDGUARDS.** Heavy Dome section fitted with rubber mud flaps.

**HANDLEBARS.** "Comfort" pattern fitted with rubber grips.

**SADDLE.** Extra large spring-seat type.

**PETROL TANK.** Welded steel of attractive appearance well-supported on rubber pads, fitted with screw-on filler cap and oil measure. Capacity 1 $\frac{1}{8}$  gallon.

**PETROL TAP.** Fitted with reserve lever. Reserve Capacity  $\frac{1}{8}$  gallon.

#### SPECIFICATION

**LUGGAGE CARRIER.** A substantial tubular design is fitted at rear.

**STAND.** Central location permitting easy removal of either wheel.

**ENGINE UNIT.** Villiers Junior De Luxe. Capacity 98c.c. Incorporating countershaft clutch running in oil. Flywheel magneto with lighting coils. Aluminium silencer with steel exhaust pipe.

**DRIVING CHAIN.**  $\frac{1}{2}$ " x  $\frac{3}{16}$ " protected by neat chain-cover. Independent adjustment for Driving and Pedalling Chain.

**LIGHTING.** Electric head and tail lamps. Battery for parking light.

**CONTROLS.** Throttle, clutch, exhaust and back brakes fitted to handlebar. Air strangler on side of tank

**ENGINE and LEG SHIELDS.** Exclusive combined Engine and Leg Shield is hinged at the tank, and can be raised for engine adjustment by the removal of two hexagon nuts or studs fitted to the exhaust chamber on either side.

**EQUIPMENT.** Licence-holder, horn, tyre-pump and tools.

A SMITHS LIGHTWEIGHT CHRONOMETRIC SPEEDOMETER CAN BE FITTED AS AN EXTRA

# A RAYNAL AUTO FOR THE MODERN FORM OF EFFORTLESS TRAVEL