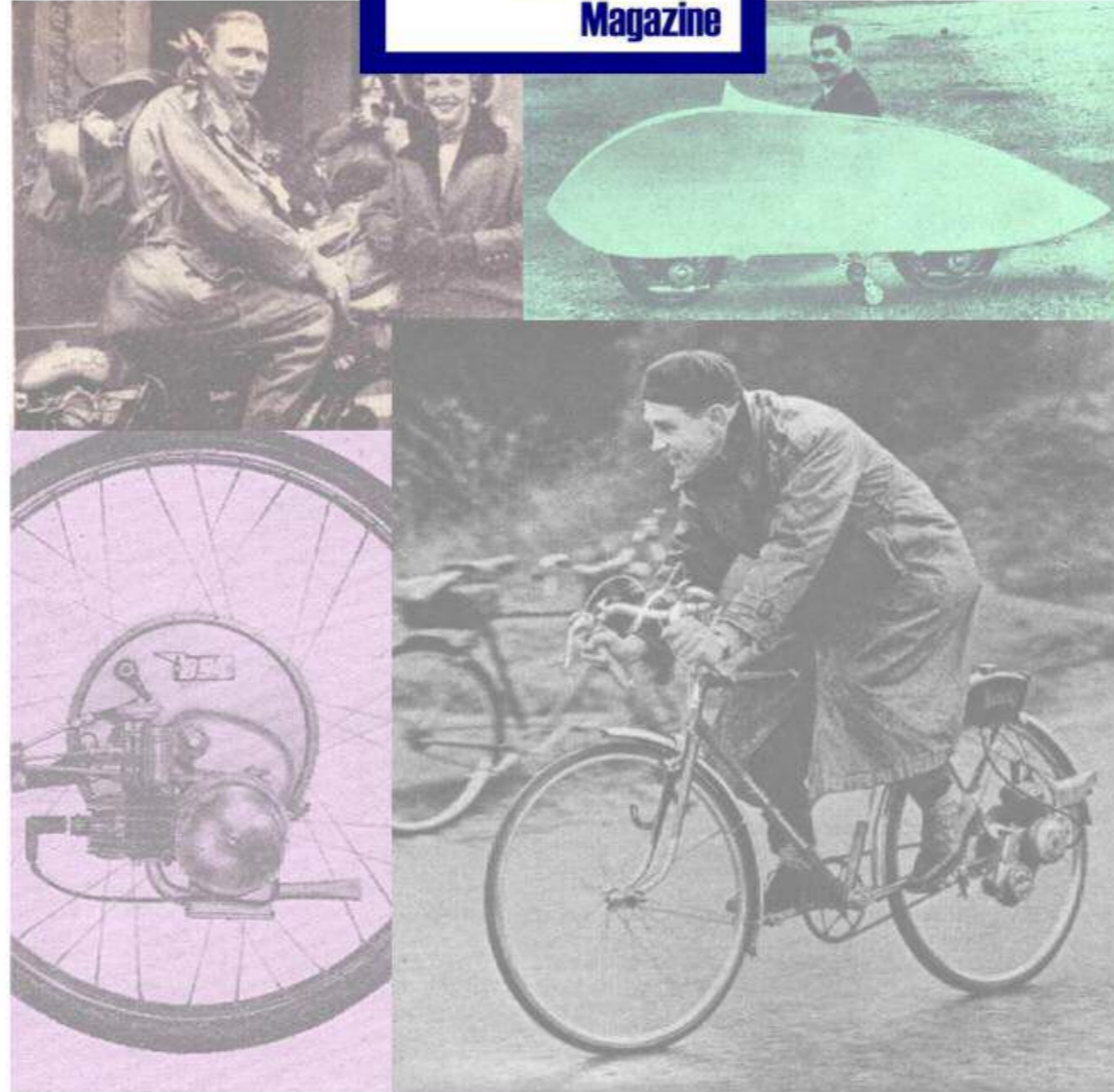


# IceniCAM Information Service





1940?

It gets there quicker  
— with less effort

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 A few steps at a brisk walking pace will start the engine when the handle controlled clutch can be withdrawn and the machine remain stationary whilst the rider mounts in comfort—the engine still running.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 inexhaustible.

You need a  
**RAYNAL AUTO**

## 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 GUARANTEE.

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.

DIRECTORS:  
G. S. COTTRELL (CHAIRMAN), A. B. JACKSON (MANAGING), G. P. PHILIPSON-STOW

WOODBURN ROAD, HANDSWORTH  
BIRMINGHAM 21

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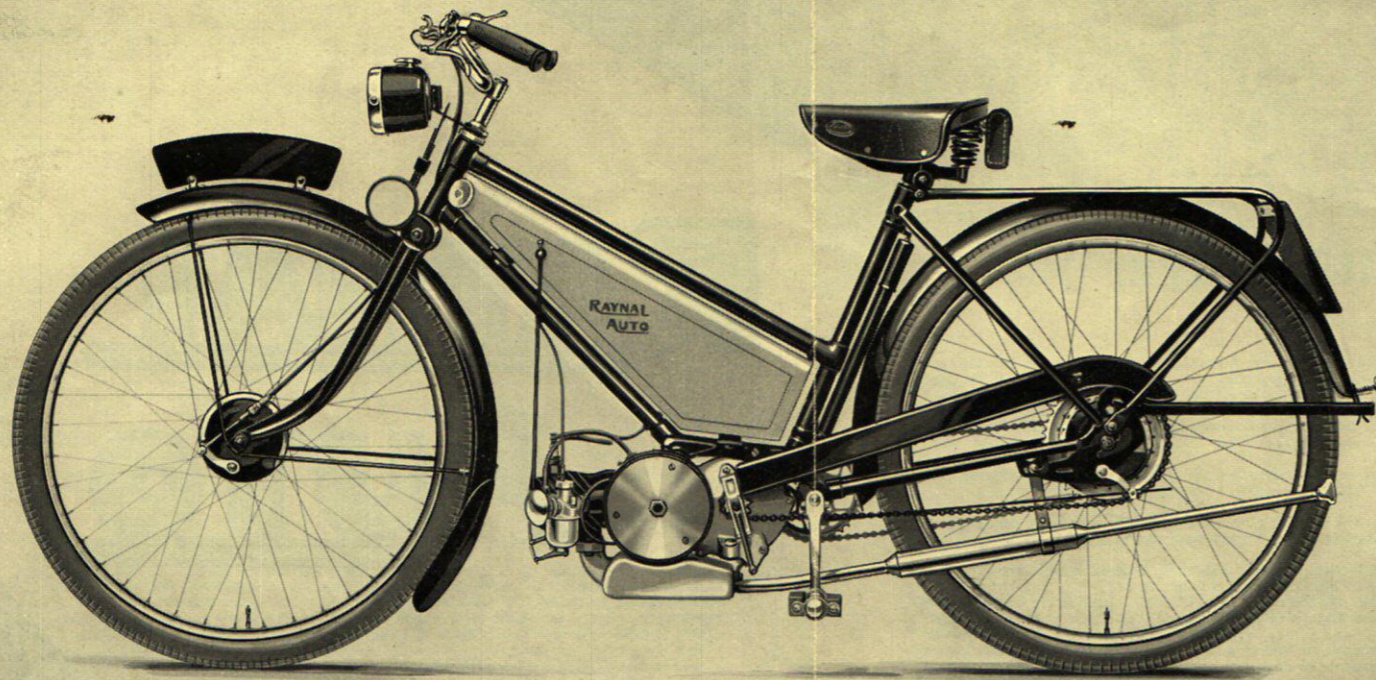
# RAYNAL AUTO

TUNBRIDGE'S  
(G. E. TUNBRIDGE)  
TEL. 416.  
AUTOMOBILE AGENT  
OF VALE ROAD  
TUNBRIDGE WELLS.

THE POWER ASSISTED BICYCLE







# RAYNAL AUTO

## TECHNICAL SPECIFICATION

**FRAME.** Cycle-type, low, built with tandem-strength fittings, taper chain and seat stays, forward drop-out fork-ends.

**FRONT FORK.** Spring fork with only one moving part, laminated type, adjustable shock absorbers.

**PEDALLING GEAR.** Normal pedalling gear, ratio 60,

**HUBS.** Tandem-size hubs, incorporating internal expanding brakes, front and rear, the rear brake is foot and rod operated, and the front brake is controlled by a right-hand handlebar lever

**TYRES.** Dunlop 26" x 1 3/4" heavy-duty tyres on Westwood chromium plated black centred rims, built up with heavy gauge spokes.

**MUDGUARDS.** Deep "D" section mudguards with splayed splasher-type ends and an extra splasher fitted to the front guard.

**HANDLEBARS.** Comfort type, chrome plated, and fitted with "Shockstop" grips.

**SADDLE.** Spring-seat saddle of ample size, giving comfort and low seating position.

**TANK.** Attractive appearance and well supported on rubber at four points. Fitted with screw-on filler cap, and a separate vent-pipe, obviating splashing when tank is full. Capacity 1 1/2 gallons.

**CARRIER.** A substantial rear carrier is fitted as standard.

**STAND.** Rear, clip up.

**ENGINE UNIT.** Villiers Junior Unit, incorporating countershaft clutch running in oil. Bore 50 m/m, stroke 50 m/m. Capacity 98 c.c. Flywheel magneto, with lighting coils. Villiers single lever carburettor with air strangler. Lodge C14 plug. Aluminium expansion box, silencer and tail pipe.

**REAR DRIVING CHAIN.** 1/2" x 3/16" protected by a neat chain cover. Independent adjustment for both Driving and Pedalling chain.

**LIGHTING.** Electric head and tail lamps with Villiers flywheel lighting and parking battery.

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

**CONTROLS.** Throttle controls } on R.H.  
Front brake } Handlebar  
Clutch control } on L.H.  
Exhaust release } Handlebar  
Air strangler on side of tank.

**FINISH.** Frame, forks, mudguards, carrier and stand, bonderized and enamelled black. Rims chromium plated, with black centres. Petrol tank and chain-guard, finished in cream with gold lining and transfers.

*Low running cost—low tax—low insurance*

- It cuts out the hard work — the foolproof Villiers engine attends to that.
- It is capable of safe easy-going speeds up to 30 m.p.h.
- It is easy to start — easy to control — and is remarkably safe in traffic.
- The running costs are extremely low — approximately 1/4d. per mile.
- It does 140 miles to the gallon.
- The Tax is 12/6 per year.

*Now read the specification — and note the price!*

**PRICE completely equipped**

with Electric Lighting, Horn, Licence Holder, Stand and Carrier

Cash, or on Easy Terms.

**£18.18.**

NO EXTRAS