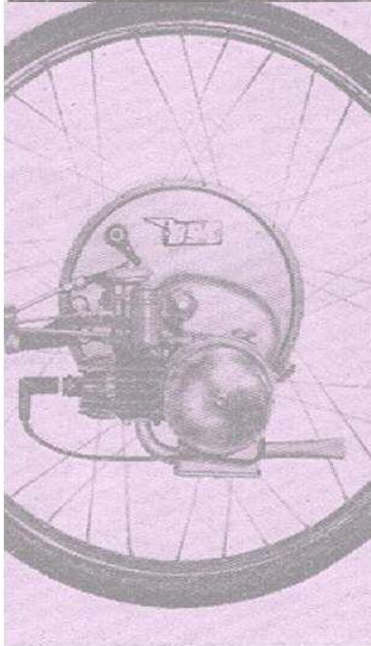


IceniCAM Information Service



www.icenicam.org.uk

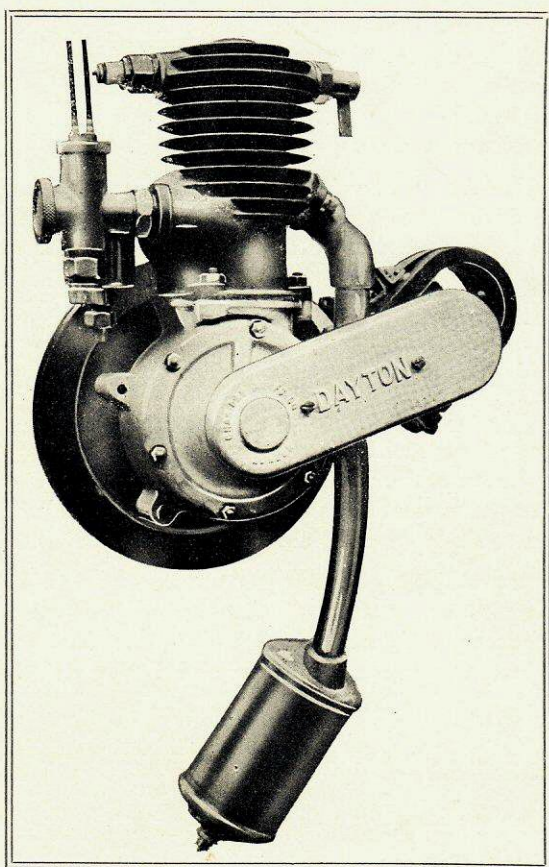
THE DAYTON

1½h.p. Two-Stroke

MOTOR CYCLET.

The . .
British

20



Perfect
Two-Stroke
Engine.

Guineas.

COMPLETE.

CHAS. DAY MANUFACTURING CO.,

Dayton Works, SHOREDITCH,

LONDON, E.

TEL. 7711 WALL.

INTRODUCTION.

In response to the request of the public demand, we have been experimenting for some considerable time exhaustively, with a view to introducing a complete Light-weight Motor Cyclet, weighing about 70 lb., at a price which will enable everybody to become possessed of a Motor, perfect to the most inexperienced rider. We decided upon the two-stroke type of Engine because the best results were obtainable. The mechanical parts are reduced to the lowest possible number, consequently the efficiency is of the highest order, and the power is well maintained. We claim it to be the most mechanically silent Motor Cycle Engine in the world.

ENGINE.—Bore 57 m.m., stroke 63.5, giving 162 c.c. $1\frac{1}{2}$ h.p. is obtained from about 1,300 revs., thus is the life of the engine greater than the 4-cycle type, which would have to reach over 2,000 revs. to obtain a similar power. The bearings are of the caged ball type, and a crank shaft fitted with patent weights giving perfect balance. There are no valve springs or cotters, no valve cap or joints to cause a leakage of compression in the two-stroke.

CARBURETTOR.—An "Amac" fitted direct on to the cylinder, there being no induction pipe, by a special device giving a perfect system of carburetion. Controls are fitted to the handle-bar, enabling us to obtain the correct mixture at all speeds.

MAGNETO.—"U.H." A 1 type which is fixed on an aluminium platform fitted with an advance lever to allow adjustment for even firing at all speeds. A release valve to the engine with control on the handle-bar for starting purposes, a very large fly-wheel $8\frac{1}{4}$ in. diameter, in addition to the balance weights, adds to the efficiency of the whole unit, enabling speed to be reduced to a walking pace when negotiating traffic.

TANK.—Specially designed, with a petrol capacity of about 130 miles and an oil capacity of about 500 miles. An oil-pump of the correct dimensions makes the attention to the lubrication perfectly simple by giving two pumps of oil to every quart of petrol. There is nothing further to do when filling the tank but to simply pump the right quantity of oil into the petrol compartment.

FRAME.—Height 22 in., built of Reynolds' weldless steel tubing, crank stays. We have given considerable attention to every detail in its design and other parts necessary to the completion of the cyclet, consequently several new features are embodied while retaining the diamond shape. We have increased the length of the wheel base, which enables us to fit—

A $\frac{5}{8}$ -in. V Belt giving a perfect drive without the aid of a jockey pulley.

BRAKES.—Front and rear operated by two-roller levers from the handle-bar—the Dayton combination.

SADDLE.—DAYTON Light-weight Motor Cycle.

TYRES.—DAYTON $26 \times 1\frac{3}{4}$ Motor Cyclet.

GUARDS.—Wide, Motor Cyclet.

FINISH.—Frame and all minor parts Black enamelled by the very best process possible. Tank lined and panelled.

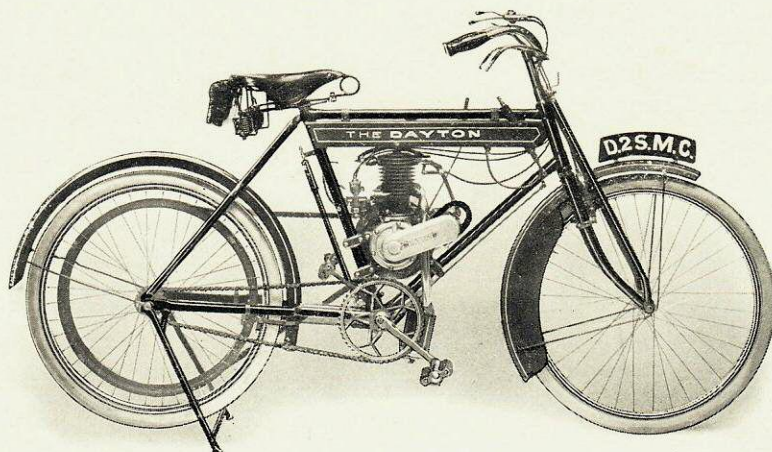
Although this is the first time we have offered to the public a Motor Cyclet, we can assure you that the DAYTON is a production of many years of experiment and tests which have satisfied us as being the most perfect Two-stroke Engine to-day.

The **PRICE of TWENTY GUINEAS** which we are asking, places us in a position years in advance of any other manufacturer.

The Dayton Motor Cyclet.

MODEL POPULAR.

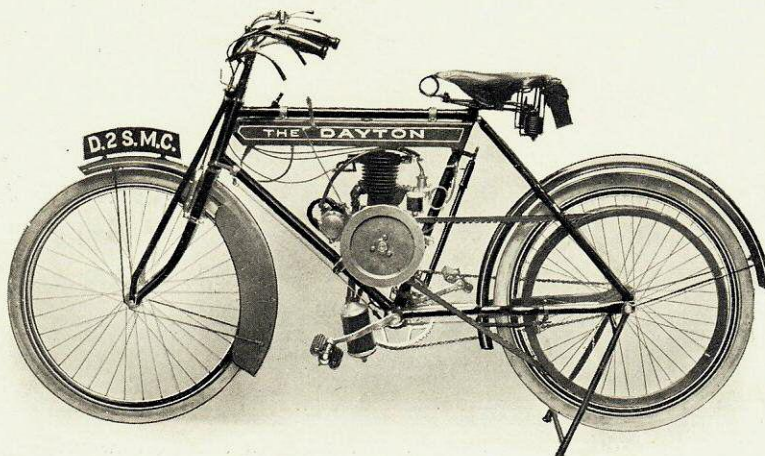
The Handy Run-about.



Price Complete - 20 Guineas.

MODEL DE LUXE.

Dayton de Luxe Frame, carrying Engine in lower position; Druid Spring Forks; Dayton Motor Cyclet special heavy Tyres; Dayton Motor Cyclet Saddle; long Handle-Bar.



Price Complete - 23 Guineas.

MOTOR CYCLE GUARANTEE.

We give the following guarantee with our Motor Cycles, instead of the guarantee implied by statute or otherwise, as to the quality or fitness of such 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 three months only from the date of purchase, and damages for which we make ourselves responsible under this guarantee are limited to the replacement of any part which may have proved defective. We undertake, subject to the conditions mentioned below, to make good at any time within three 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 :—

1. The attaching of a Side-Car to the 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 Side-Car combined when carrying more persons, or a greater weight than that for which the machine was designed by the manufacturers.

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 before referred to or otherwise,** 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, 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.