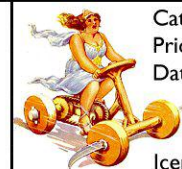


NEW TWO-STROKE ENGINES.



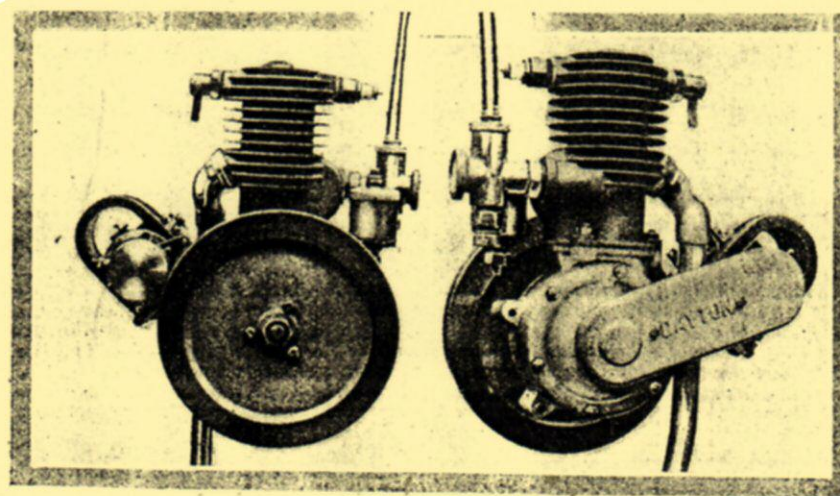
DAYTON TWO-STROKE LIGHT-WEIGHT.

The Day Manufacturing Co., 221, High Street, Shoreditch, E., is marketing a 1½ h.p. motor-cycle called the Dayton, the design of which is very thorough.

The engine is a 1½ h.p. two-stroke single-cylinder (57 mm. bore × 63.5 mm. stroke), and is fitted with caged ball bearings. Transmission is by a ½ in. V belt, and there is no jockey pulley. An Amac two-lever carburetter is used. The outside flywheel is of ample dimensions and of the dished type. The diameter is 8½ in. and the rim measures 1 in. across the face, the thickness being ½ in. The engine has three-point suspension and is fitted to the frame by neat clips of ample strength, and the magneto, situated in front of the engine, is a U.H. The brake system also claims attention; the usual front brake is fitted, but the rear brake operates upon the rim of the wheel and the belt rim simultaneously and with equal force.

A special frame is being made to enable the engine to be fixed as low as possible. Lubrication is effected by a "foolproof" device, which prevents either too much or too small an amount of oil being given.

Altogether the machine is an engineer's job, and should appeal to those who go short journeys for either business or pleasure; also to those who study that important question, cost of upkeep and first cost, as the price is only twenty guineas.



Two aspects of the Dayton 1½ h.p. two-stroke engine, which has an outside flywheel and bore and stroke of 57 × 63.5.