

November 9, 1938.

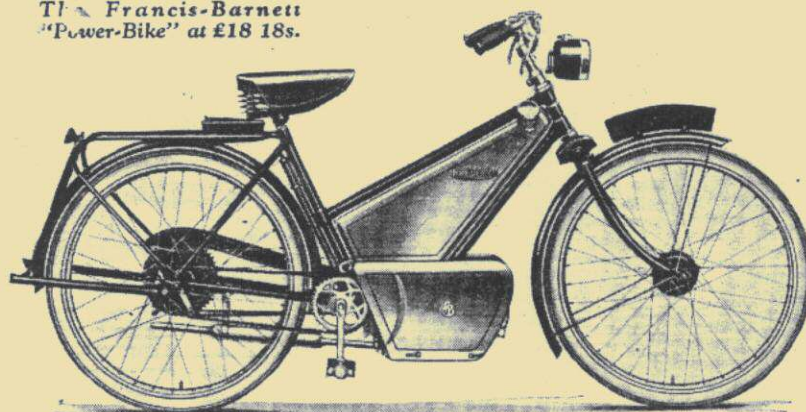
MOTOR CYCLING

55

A FRANCIS-BARNETT "WILFRED"

Luxury Lightweight With Novel Rubber-sprung Forks

The Francis-Barnett
"Power-Bike" at £18 18s.



FRANCIS AND BARNETT, LTD., famous as manufacturers of high-class two-stroke machines, are introducing a "Wilfred" which incorporates several novel and ingenious features. Simplicity is the keynote of the design, but the comfort and cleanliness of the rider have received the most careful consideration by fitting a spring front fork and totally enclosing the power unit. The new model will be known as the "Power-Bike" and will cost £18 18s.—fully equipped.

The power unit is the famous 98 c.c. Villiers job with a bore and stroke of 50 mm. and the primary chain and

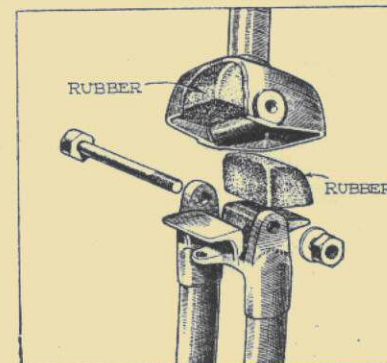
clutch are enclosed in an oilbath. Separately adjustable chains are used for the pedal gear and the final drive from the engine. A cycle-type frame is employed, but all the tubes and lugs are of tandem strength. Rubber cushioned front forks allow the front-wheel spindle a movement of $\frac{3}{4}$ in.; the single pivot pin is fixed in the fork ends and free to rotate in the bottom steering head lug. Lubrication is carried out from the top of the steering column.

A pair of neat shields, which enclose the engine, are secured by a spring at the top and wing nuts at the bottom, and the $1\frac{1}{4}$ -gallon tank permits a long

period of running without any need for refuelling. Both front and rear brakes are of the internal expanding type, the latter of 4 ins. diameter and operated by a back-peddalling gear, which has a clever device to hold the brake off when the machine is being wheeled backwards.

Other items of equipment include a Terry spring-top saddle, 26-in. by $1\frac{1}{4}$ -in. Dunlop tyres, a tubular carrier, a metal tool box situated under the saddle, a clip-up rear stand, a bulb horn and a licence holder. The tank and shields will be finished in an attractive dull silver with a blue line.

Everything about this new Francis-Barnett is most sturdily constructed.



The simple rubber-sprung forks.