



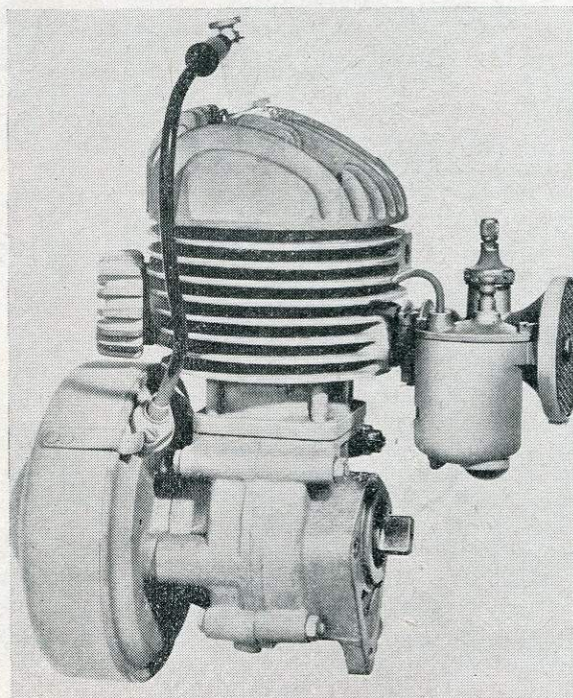
Heart of a Wolf **R**

THE appearance at Earl's Court of the new Hercules *Grey Wolf*, designed and priced as a real challenge to the invading armies of continental machines; was more than a mere announcement of a new model; it was an event in history.

Hercules are world renowned as producers of pedal cycles, with perhaps an accent on cycles for use, and we have always maintained that it is from the cycle industry that the development from treadmill to motor propulsion should come. The need, however, was for a good British proprietary engine and this has now been met by no less a firm than J. A. Prestwich.

The J.A.P. engine is a 49 c.c. unit, "over-square" with a bore of 42 mm. to a stroke of 35.5 mm. and the design is specifically meant to produce the good low speed pulling power that is the real need of the motorised cyclist. The cylinder is iron with alloy head and piston, steel connecting rod and roller bearing big end. The ball bearing crankshaft is oil sealed at both ends.

Britain's first proprietary engine in the 50 c.c. class. As the picture shews, the layout for the "Grey Wolf" allows for transverse mounting and the power take-off is made up on the primary shaft drive. It is clear, however, that the design is adaptable to in-line mounting and sprocket drive for other machines if required.



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