

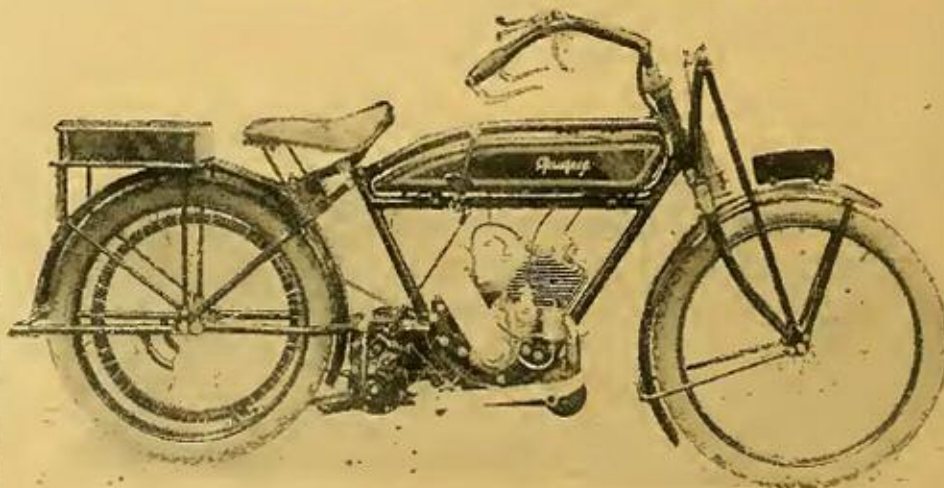
## Two French Productions.

The 1922 Peugeot Models. A Two-speed Lightweight and a Motorised Bicycle.

THE only really late arrivals at the Show last week were the Peugeots, which did not materialise until the middle of the week. The two-stroke touring model is an excellent example of French motor cycle practice. It follows more or less standard lines, is of pleasing appearance, and should be capable of taking its rider anywhere. The engine is a two-stroke, 70 x 70 mm. (269 c.c.), and is termed  $3\frac{1}{2}$  h.p. by its makers. The cylinder is inclined, and the radiating fins are paral-



As at the Paris Salon, the front wheel driven Peugeot bicycle attracted much interest at Olympia. The hub is supported on three small pinions, one of which transmits the power.



A new model by one of the best known French motor cycle manufacturers—a 269 c.c. two-stroke Peugeot. Observe the front fork design.

led with the ground. The engine drives by chain to the countershaft, the chain being entirely enclosed; and from the countershaft to the back wheel the drive is by belt. The forks are pivoted at the crown, after the fashion of the Triumph; but the spring employed is of the quarter-elliptic multi-leaf variety anchored to the base of the steering column.

One feature of the machine is a large all-metal toolbox on the luggage-carrier, fastened with spring clips and a hasp and padlock. The machine is complete with kick-starter, clutch and two-speed gear, and weighs 154 lb.

The other Peugeot model is the Cyclo-moto, the engine of which is in the front

wheel. Like the larger model, it is a two-stroke, 45 x 58 mm. (92 c.c.), and is entirely self-contained with its drive. A magneto flywheel is fitted, which serves for both ignition and lighting, and the unit incorporates a Ferodo-lined disc clutch. The engine lies in the centre of the front hub, the inner side of which has an internally-toothed ring, and there are meshing with it three pinions, one of which is driven by the engine. All working parts are entirely enclosed, and the lubrication is on the petrol system. The front wheel and forks, which are of the spring variety, may be supplied with an attachment for fitting to an ordinary pedal cycle. It is said to be capable of averaging 18 m.p.h.