

## CYKELAID.

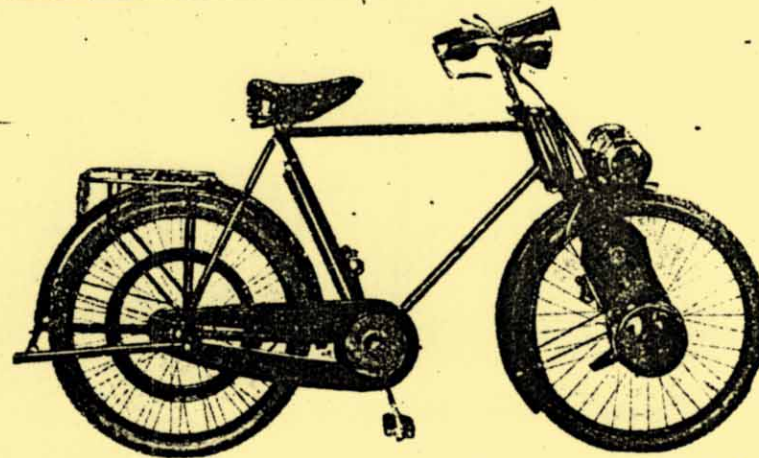
Stand 100.

SHEPPEE MOTOR CO., LTD.,

Thomas Street, Lawrence Street, York.

THE well-known Cykelaid engine attachments for bicycles are exhibited on this stand. The models include ladies' and gent's bicycles completely fitted up, together with various examples of the attachment. The engine of this is a two-stroke, with a bore of 55 mm. and stroke of 55.5 mm., the cubic capacity being 131 c.c. This is an efficient little power unit, and has a roller-bearing big-end and ball-bearing crankshaft. An Amac two-lever carburetter and Villiers flywheel magneto are used, whilst the clutch is of the cork inset type, running on ball bearings and handlebar controlled.

The tank has a capacity which to motorcyclists appears to be particularly small, being  $\frac{3}{4}$  of a gallon only, but this amount is sufficient for approximately 100 miles. An interesting feature is the rear brake which is shown on the complete model. This is of the back-pedalling type, and incorporates some of the parts of the ordinary coaster hub. Instead, however, of the brake acting inside the hub, the mechanism of the hub is attached to an ordinary brake block, which acts on a dummy belt rim. As in the past, the engine drives, of course, on to the front wheel, and it is claimed that the position of the power unit prevents skidding, and makes the machine exceptionally light and easy to steer.



*A stepping-stone between the cycle and motorcycle; the Cykelaid.*