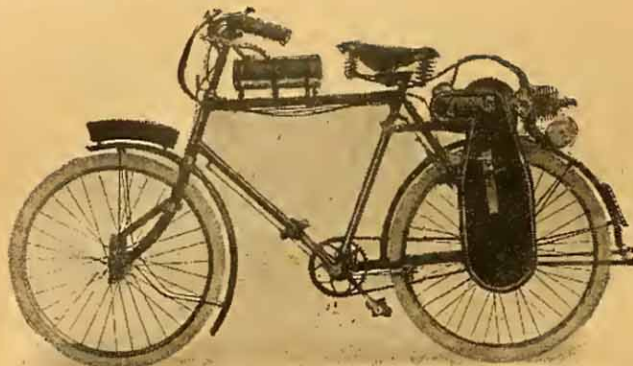


The Olympia Show—



A complete power unit that may be fitted to any suitable existing bicycle—the Young motor attachment. The capacity of the engine is 130 c.c.

YOUNG. (77.)

1½ H.P. MODEL.—54×57 mm. (130 c.c.); single-cyl. two-stroke; petrol lubrication; W.E.C. carb.; chain-driven mag.; chain drive.

WALTHAM ENGINEERING Co., LTD., Waltham Cross, N.—A very neat power unit for pedal cycles is the Young motor attachment. A small single-cylinder two-stroke engine is mounted horizontally in a cast aluminium cradle, which also carries a chain-driven M-L magneto. An interesting point is that an aluminium cylinder is employed with a cast iron liner. A short cast aluminium exhaust pipe leads the exhaust gases to the silencer, and, as an aid to cooling, deep ribs are formed on the exhaust pipe casting. Transmission is by chain, arranged in two steps through a countershaft in which a handle-bar controlled clutch is incorporated. Various examples of the attachment are shown on both diamond and open frame cycles, and also on a tricycle. A simple but ingenious form of spring fork attachment is now produced, and should add materially to the rider's comfort.

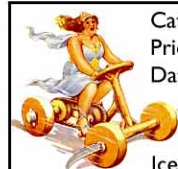
RIDEEZI SIDECARS. (24.)

THE SIDECAR BODY Co., 25, Upper Clapton Road, S.E.5.—Nine sidecars are actually exhibited on this stand, and eight of them are different. As among these of

the range, a two-stroke remarkably powerful unit, with a special lock-up at £37, and a very striking figure down to components

ST
3½ H.P. Model
cyl. 1
lubrica
3-sp.
drive

JOHN
—The
stand



Catalogue number **YOU02**
Price code **A**
Date **7 January 2021**