

THE MOTOR CYCLE, 20 OCTOBER 1955

CYCLEMASTER PROGRAMME

Unchanged Specifications : Netherlands 49 c.c. Berini

Moped to be Imported into Great Britain

THE Cyclemaster wheel unit and the Cyclemate, on which the engine is frame-mounted, are to be continued unchanged for next year. To augment the range, arrangements have been made by the manufacturers for the import of the Dutch Berini M.21 moped.

Of 49 c.c. capacity (40mm bore x 38mm stroke) the Berini single-speed power unit has been developed from the earlier 32 c.c. cyclemotor unit, examples of which were imported to this country a few years ago.

As on the Cyclemaster, a crankshaft-

operated rotary inlet valve is employed on the M.21 engine for which is claimed an output of 1.8 b.h.p. at 4,500 r.p.m. on a compression ratio of 6.8 to 1. A cast-iron cylinder and light-alloy cylinder head are employed and the crankshaft is supported in three ball bearings. Primary and final drives are respectively by helical gears and chain; the driving chain is separate from the pedalling chain.

A simple telescopic front fork is employed and the deep-section mudguard is unsprung. Both wheels have 25in rims,

are fitted with 2in white-walled tyres and incorporate hub brakes; that at the rear is of back-pedalling type. Interesting features of the controls are a trigger to hold the clutch out of engagement when manœuvring the machine by hand, and a device which automatically opens the starting choke when the throttle is opened.

Equipment of the Berini M.21 includes a pivot-mounted saddle, a bulb horn, a substantial carrier and a rear stand of motor-cycle pattern.

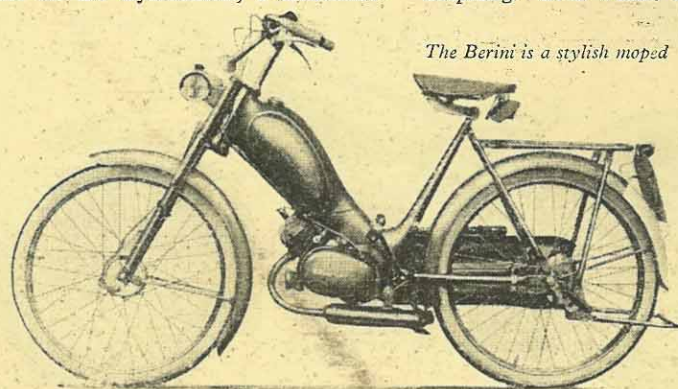
Cyclemaster and Cyclemate have the same basic 32 c.c. power unit. On the Cyclemaster the engine, two-stage chain transmission and fuel tank are almost completely embraced by the wheel hub. On the Cyclemate machine the unit is mounted ahead of the bottom bracket and drives the rear wheel by exposed chain.

The Cyclemaster replaces the normal rear wheel of any suitable bicycle; the Cyclemate is a complete moped, the cycle portion of which is of Norman manufacture. Of open pattern, the frame has twin top tubes which run through to the rear spindle lugs.

Manufacturers of the Cyclemaster and Cyclemate and importers of the Berini M.21 are Cyclemaster, Ltd., Tudor Works, Chertsey Road, Byfleet, Surrey.

Prices (in which total price includes purchase tax, payable only in Great Britain) are as follows:—

	Basic Price			Total Price		
	£	s	d	£	s	d
Berini M.21 moped,						
49 c.c.	61	0	0	65	11	9
Cyclemaster, 32 c.c. . .	24	15	3	29	19	2
Cyclemate moped, 32 c.c.	41	4	0	48	19	8



The Berini is a stylish moped