

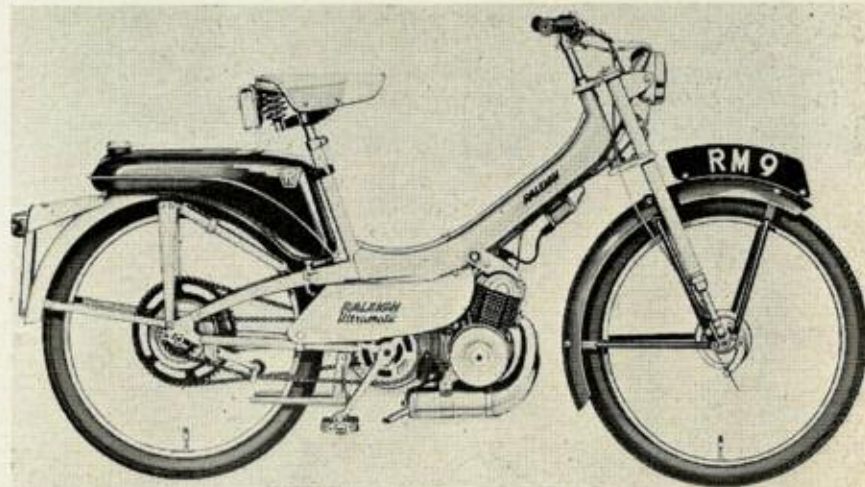
THE SCOOTER

with **POWER & PEDAL**

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A new moped from Raleigh

The R.M.9 Ultramatic



Engine:

Bore 38.97 mm; Stroke 41.8 mm; Capacity 49.85 c.c. Compression ratio 7.5:1; Single Cylinder; Aluminium alloy with chromium plated bore; Connecting rod: Steel, with roller bearings at big and little ends; Output 2 b.h.p. at 5,000 rpm.

Carburettor:

Gurtner, B.A.549.

Tank Capacity:

11 pints, including reserve of $\frac{1}{2}$ -pint.

Ignition System:

Flywheel magneto: Novi 120 with external ignition coil.

Electrical System:

Direct from Flywheel Generator; Headlamp diameter: 4 in; Headlamp incorporating dipping device; Electric horn fitted as standard.

Transmission:

Clutch Automatic; Gear change Automatic; Overall gear ratio Variable between 11.839:1 & 18.740:1; Primary drive Belt; Primary gear ratio Variable between 2.412:1 and 3.818:1; Final drive: Chain; Final drive ratio: 4.909:1; Pedal drive ratio .563:1.

Suspension:

Front Telescopic; Rear Rigid.

Frame:

Pressed steel.

Tyres:

Size 23 in x 2 in; Pressure Front 25 p.s.i.; Rear 40 p.s.i.

Brakes:

Front Internal expanding brake shoes; Drum diameter 80 mm; Rear Internal expanding brake shoes; Drum diameter 100 mm.

Dimensions:

Height 3 ft 2 in; Width 1 ft 9 in; Wheelbase 3 ft 8 in; Overall length 5 ft 10 in.

Weight:

Dry 92 pounds; With petrol tank full and all accessories 111 pounds.

Finish:

Fire Red and Pearl Grey enamel with bright chrome plated fittings.

Performance:

Speed 33 m.p.h.; Fuel consumption 140 m.p.g.; Maximum gradient ($11\frac{1}{2}$ stone rider—standing start—no pedalling 1 in 8).

Price:

£69 6s. 0d. (incl. P.T.).