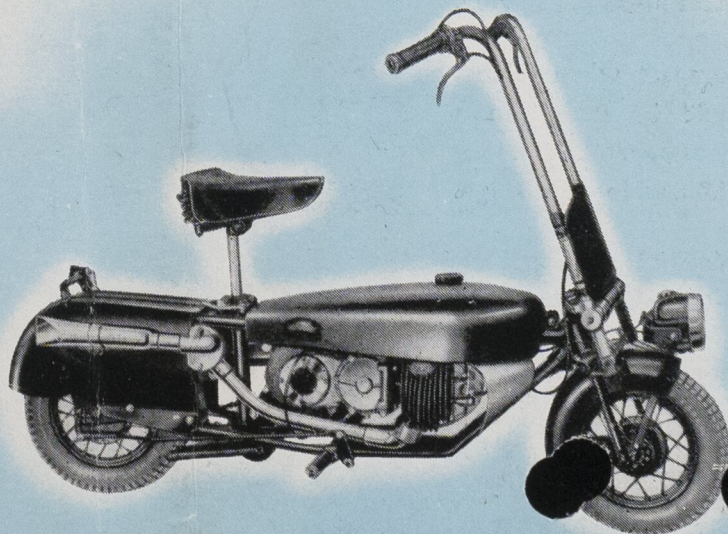


*Harley-Davidson*

AN ENTIRELY

**NEW**

DESIGN IN  
LIGHTWEIGHT  
MOTOR CYCLE  
CONSTRUCTION



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J



**LOW in price . . .  
LOW in upkeep . . .  
HIGH in performance**

This unique "CORGI" folding motorcycle fairly bristles with good points from head-lamp to tail light:—

★ "SPRYT" 98cc. 2-stroke engine develops ample power for it's job.

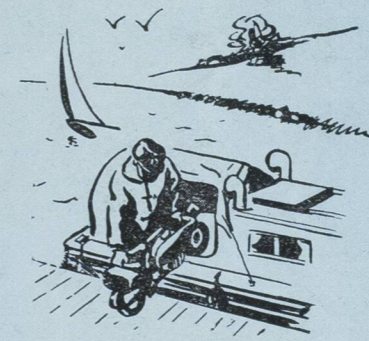
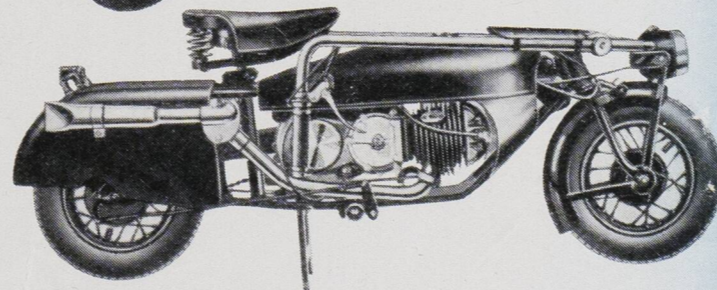
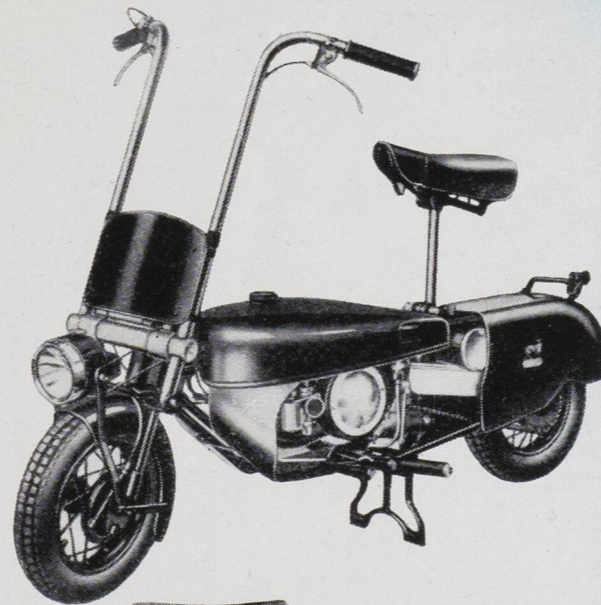
★ 30 M.P.H. with ease, 120 M.P.G. so it is an economical proposition.

★ Takes hills in it's stride.

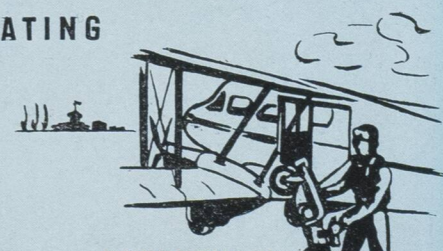
★ Compact when folded, could be stored in a space approx. 53in. long x 13in. wide x 20in. high.

★ Weight is not a problem —approx. 95 lbs. only.

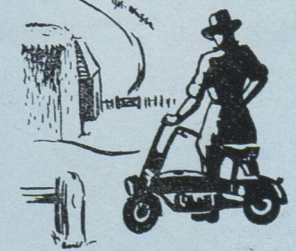
★ Sturdy construction, designed for war needs, has been retained in its civilian model.



BOATING



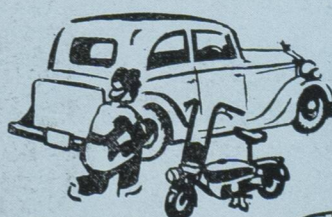
SPORTSMAN PILOT



FARMING



TOURING



GARAGE



TO AND FROM



CAMPING

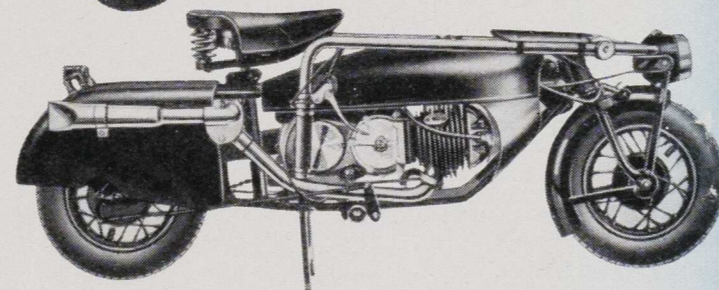
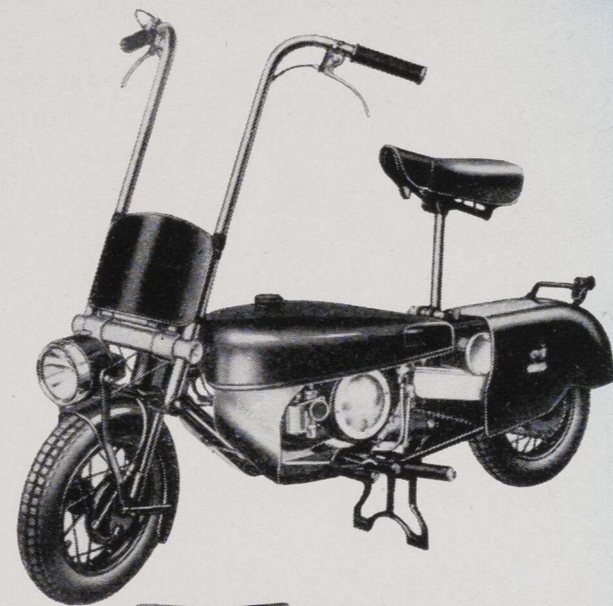
— G I R O S



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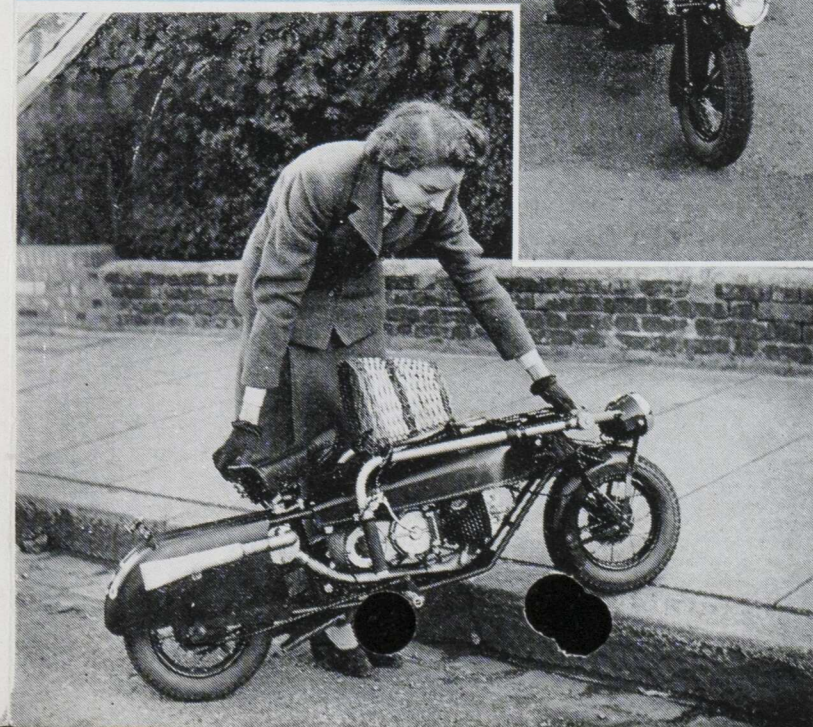
*It's Small* ..but  
**it's TERRIFIC!**

This entirely new All-British machine incorporates the valuable experience gained from the well known paratroopers' "Welbike" used during the War and re-designed to suit civilian needs.

It is powered by the famous Excelsior 'Spryt' Engine and the design features practical streamlining.

It has parking head and tail lights—hand and foot brakes—ample capacity gravity feed fuel tank—heavy gauge mudguards—parking stand—Dunlop Tyres.

In town or country—at work or play there's scarcely a limit to the usefulness of the "Corgi" for every person who requires compact, efficient, economical transport.







## B R I E F      S P E C I F I C A T I O N

**Make of Machine.**—Brockhouse.

**Type.**—"Corgi" Folding.

**Model.**—An entirely re-designed model of the "Welbike."

**Engine.**—SPRYT.—98 c.c. two-stroke.

**Bore.**—50 mm.    **Stroke.**—50 mm.    **Cubic Capacity.**—98 c.c.

**Engine Compression Ratio.**—6.9 : 1

**Type of Cylinder Head.**—Deep finned.    **Material.**—Al. alloy.

**Method of Suspension in Frame.**—Bolted to lugs provided on frame.

**Piston.**—Type: Dome top. Ports in skirt. **Material:** Al. alloy.

**Number of Rings.**—Two. (Pinned to prevent rotation.)

**Maker's Clearance.**—.0045 in. at bottom of piston; .0075 in. at top of piston.

**Connecting Rod Material.**—Nickel chrome molybdenum forging.

**Type of Big End Bearing.**—Roller.    **Size of Rollers.**—3/16 in. diam.

**Crankshaft Bearings.**—Ball Journal (two).    **Size.**—52 mm. and 3/4 in.

**Carburetter.**—Type: AMAL 259/001.    **Jet size:** 55.    **Control:** Twist grip on off-side handle-bar.

**Ignition.**—Flywheel Magneto, incorporating dyno., for supplying electric light. **Plug:** KLG. FE 70. **Rotation:** Anti-clock. **Timing:** 3/16 in. before Top Dead Centre.

**Lubrication System.**—Type: Pétroil.    **Lubricant:** Castrol XXL., Triple Shell, Motorine B. de luxe Mobiloil D., Essolube 40.    **Cycle Lubricant:** Oil, ditto.

**Silencer.**—Cylindrical with one baffle plate and detachable ends for cleaning. Extended tail pipe, and expansion chamber.

**Fuel System.**—Tank capacity 10 pints—equals 1.250 British imperial gallons. Filters incorporated in tap and carburetter union.

**Note.**—This machine is fitted with a gravity feed tank.

**Clutch.**—Type: Single plate. **Location:** At rear of engine chain case. **Friction Material:** Cork inserts. **Bearings:** Ball journal (two), size 3/4 in. and 3/8 in.    **Operating Lever:** On left hand handlebar.

**Overall Gear Ratio.**—5.8.

**Chains**—PRIMARY. Type: Roller. Make: Renold and Coventry Chain Co., Ltd. No. of Links: 56 Pitch: 3/8 in. Width: .225.

SECONDARY. Type: Roller. Make: Renold & Coventry Chain Co. Ltd. **Method of Adjustment:** Sliding rear wheel. No. of Links: 82. Pitch: 1/2 in. Width: .192 in.

**Chain Sprockets.**—No. of Teeth: Engine Sprocket 17; Clutch Sprocket 44; Final Driving Sprocket 12; Rear Wheel 27.

**Wheels.**—**Bearing Type:** Cup and Cone with Steel Balls. Spokes: 12 s.w.g. Rustless Steel. Rims: Size 8 1/2 in. x 1 1/2 in. wide for 2 1/2 in. tyre.

A  
**BROCKHOUSE**

PRODUCT

SOLE DISTRIBUTORS:

**JACK OLDING & CO. LTD.**

8, 9 & 10, NORTH AUDLEY STREET, OXFORD STREET,  
LONDON, W.1.

Telephones: Mayfair 5242-3-4.

Telegrams: jakoldco, Audley, London.

HS/ANH 1247