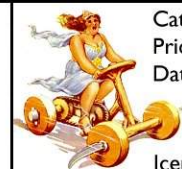


THE MOTORCYCLE

Largest Net Sale in the World

Thursday 10 October 1957



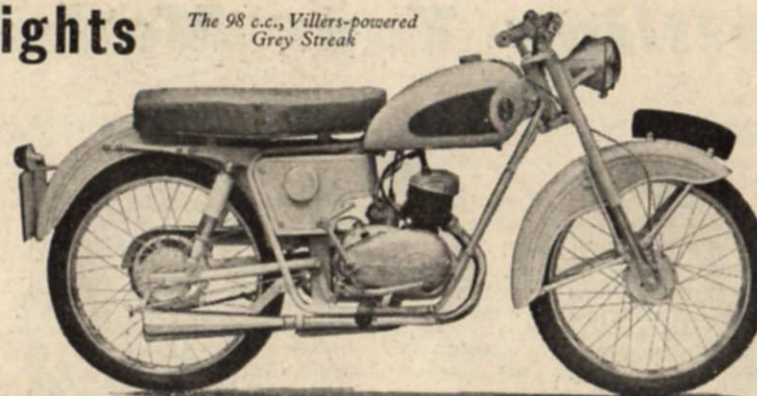
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433

Three Featherweights

*The 98 c.c., Villiers-powered
Grey Streak*



RARE indeed is a moped powered by an overhead-valve engine. The 48 c.c. Mercette, smallest of the trio of Mercury models, is the sole all-British example of the type. Villiers 98 c.c. power units are employed in the other two Mercury machines—the Grey Streak light roadster with pivoted-fork rear springing and the sturdy Dolphin scooter.

Particularly neat and compact in design, the Mercette Dunkley engine is built in unit with a gear-driven, two-speed gear box and embodies a light-alloy cylinder barrel with cast-in iron liner. Among the more unusual features are a transverse camshaft, gear driven from the crankshaft, and pushrods enclosed in a tunnel at the rear of the cylinder. The engine is mounted in the conventional position ahead of the bottom bracket of the frame, with rubber elements embodied in the mountings to insulate the frame from vibration. Power output is claimed to be 2 b.h.p. at 5,200 r.p.m. Both the frame and the rear carrier are designed to have ample strength for carrying a pillion passenger. There is a smart finish in grey, with deeply valanced mudguards in contrasting deep ruby.

Minor improvements to the 98 c.c. Grey Streak include reinforcement of the centre stand and rear-fork pivot brackets. The frame is of duplex cradle type and carries between the rear loops a light steel pressing which houses the tool kit and electric horn. Front-wheel suspension is by means of a lightweight telescopic fork. The rear fork is controlled by Girling spring units. Stem mounted, the handlebar is adjustable for height. Power is supplied by a Villiers 6F two-speed unit with foot gear control. Grey finish, with blue lining, is used for the frame and mudguards while the slim dual-seat is in blue to match the royal blue of the tank panels.

Detail Changes to Mercury Moped, Roadster and Scooter

Third of the Mercury models, the 98 c.c. Dolphin scooter has a fan-cooled Villiers 4F two-speed engine. Gear-changing is effected through a ratchet trigger on the right of the handlebar inboard of the twistgrip. Unusually large wheels are specified: the tyre size is 2.50 x 15in. The measure of enclosure and protection is comprehensive. The weather-shield is wide and the integral floor extends rearward to give support for the pillion passenger's feet. Almost half of the rear wheel is covered by its mudguard. Removal of side panels attached at two rubber-insulated mounting points gives access to the power unit.

Located above the engine, the fuel tank is reached by raising the dual-seat which is hinged at the nose; the same action also reveals the fuel-tap extension and carburettor-strangler control. An engine cut-out button

is mounted on the handlebar. Like the Mercette and Grey Streak, the Dolphin has a lightweight telescopic front fork. In its latest form the scooter is finished in grey and for the side panels there is a choice of battleship grey, red or deep ruby.

The makers are Mercury Industries (Birmingham), Ltd., Pool Street, Wolverhampton. Prices (in which total price includes purchase tax, payable only in Great Britain) are as follows:—

Model	Basic Price £ s d	Total Price £ s d
Mercette moped 48 c.c. o.h.v.	58 8 9	71 18 5
Grey Streak 98 c.c. two-stroke	72 0 0	89 5 7
Dolphin scooter 98 c.c. two-stroke	84 3 4	105 0 0