



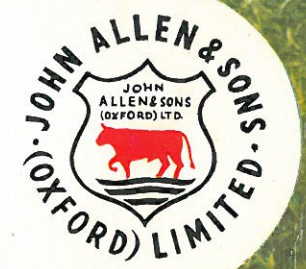
JOHN ALLEN & SONS (OXFORD) LIMITED
COWLEY · OXFORD · ENGLAND

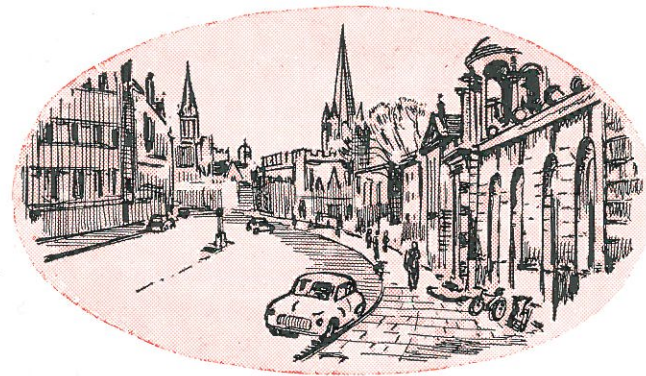
Telephone
OXFORD 7155 (three lines)

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The **ALLEN** *Self-Propelled*
Motor Scythe





FAMOUS throughout the world for its slender spires and beautiful colleges, Oxford is a city steeped in traditions of learning and patient endeavour. Many hundreds of graduates leave yearly who will disseminate their knowledge and enhance the reputation of this great city wherever civilized peoples are found.

Oxford is a fitting home for the firm of John Allen. Since our foundation in 1868, we, too, have established a tradition—a tradition of sound craftsmanship and thoroughly reliable products. Continuous endeavour and a steady determination to make only the best of their kind have been rewarded by the knowledge that today, our products and services are in use all over the world.

We are proud to be known as John Allen of Oxford and to be able to play a part in maintaining the world-wide prestige of a great name.



An all-British Super-Duty machine

THE ALLEN SELF-PROPELLED MOTOR SCYTHER embodies the wide experience gained during the twenty years we have been manufacturing this implement and the results of continuous, careful study of the differing requirements of users throughout the world.

Entirely British in design and construction, the Allen Self-Propelled Motor Scythe is built in our factory at Oxford by skilled engineers. Both the standard of workmanship and the quality of the materials used are of the highest. Every machine is fully guaranteed.

The unit is of the utmost simplicity in construction yet is highly efficient and completely reliable. Built for strength and long life, there is little that can go wrong. The maintenance required is negligible. Spares are rarely necessary. When in use, the machine demands no special skill or any effort on the part of the operator. The sturdy engine drives simultaneously the cutting mechanism and the machine. Ample power is delivered to the driving wheels to propel the scythe at an even pace into dense growths. Steep railway and reservoir embankments can be climbed without difficulty. Grass, weeds, bracken, brambles, rough matted and tangled growths, besides many kinds of cultivated crops can be cleanly cut. Wherever a man can follow it, the Allen Scythe will operate effectively. Such is its adaptability that it is in use in almost every country in the world—cutting the sports fields of England, the tropical growths on rubber plantations in Malaya, the brambles and bracken on mountain sides in many lands.

Write to us or consult our dealers about your problems. We shall be glad to advise you or to arrange a demonstration.



Here is
the scythe
that will
cut your
labour costs

The Allen Self-Propelled Motor Scythe is no haphazard collection of ready-made parts. Each component has been specially designed and manufactured, resulting in a well-knit, carefully proportioned unit of immense strength and durability.

The prime cost is low and the machine is remarkably economical in operation. An acre of grassland can be cut in two hours. A gallon of petrol and half a pint of oil will operate the machine for from five to six hours. One man, with no special skill, can accomplish as much in an hour as five or six men using an ordinary scythe. It can be operated where no other machine could possibly work and, by means of special attachments, can be utilized for an endless variety of tasks.

Allen Motor Scythes are giving satisfactory, all-the-year-round service to Farmers, Foresters, County and Municipal Authorities, River Catchment Boards, as well as Large and Small Estates, Golf Courses, and Private Owners.

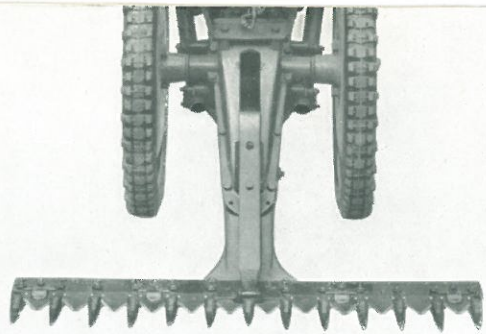
An unpleasant winter job easily done with an Allen Scythe.



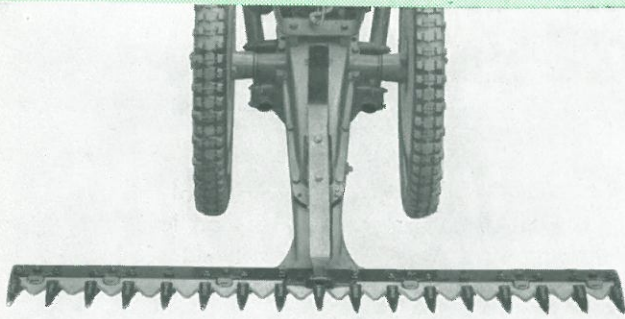
Railway and reservoir embankments are maintained. Bracken cleared from hillsides.

Heavier crops of fruit follow cutting with an Allen Scythe.

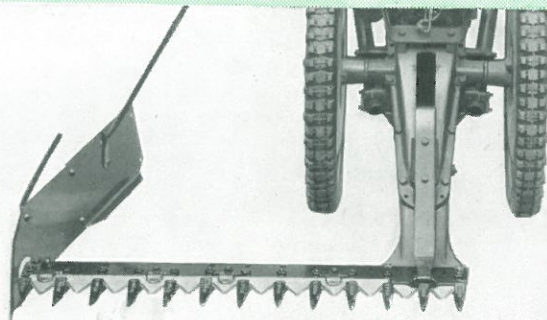




3-ft. (91.4 cm.) central cutting assembly for all normal work.



4-ft. (122.0 cm.) central cutting assembly for crop cutting.



Right-hand 3-ft. (91.4 cm.) off-set assembly fitted with right-hand swath board.

1 One piece, cast-iron, streamlined oil bath gear case.

2 Positive drive clutch. No slip under heavy loads.

3 Easy turn ratchet drive, safe for all conditions of work.

4 Built-in safety clutch prevents damage or breakage.

SPECIFICATION

ENGINE: 1.9 b.h.p., 147 c.c.: cast-iron cylinder and piston for durability. Speed controlled by governor. Cooled by built-in blower.

WEIGHT: 321 lb. (145.6 kilos).

WIDTH OF CUT: 3 ft. (91.4 cm.).

OVERALL LENGTH OF MACHINE: 6 ft. 3 in. (190.5 cm.).

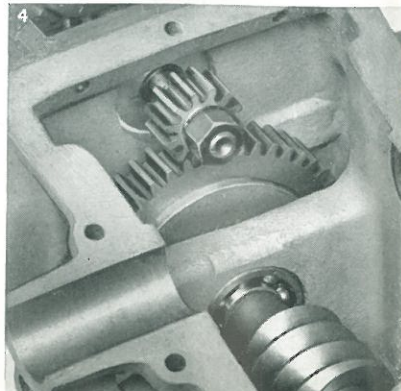
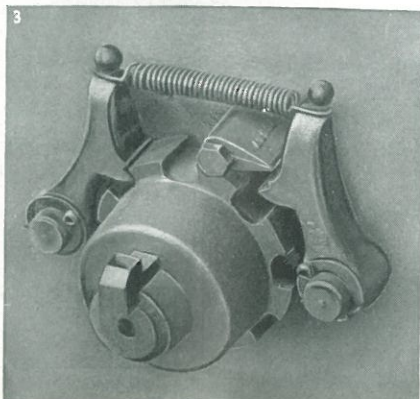
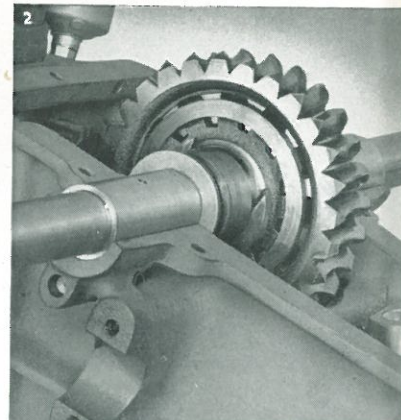
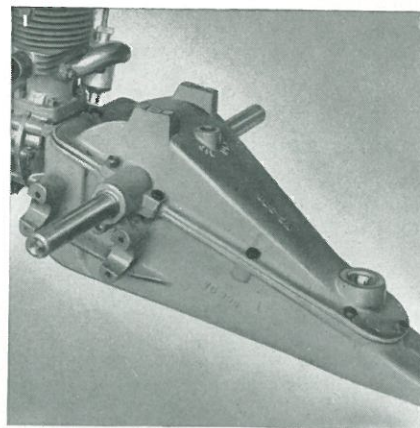
WIDTH OF MACHINE:
Over knives: 3 ft. 1½ in. (95 cm.).
Over wheels: 1 ft. 9 in. (53.4 cm.).
Over handlebars: 2 ft. 1 in. (63.5 cm.).

CONTROLS: Two only—clutch and throttle.

TYRES: Pneumatic: 27 in. diam. × 2¾ wide (68.5 × 7 cm.).
Rim size: 21 × 2.75 in. (53.3 × 7 cm.).
Dunlop Heavy Grip Tread.

LUBRICATION:
Engine: Petrol-oil mixture.
Machine: All working parts run in dust-proof oil-bath gear case. One main oiling-point only.

HEIGHT OF MACHINE:
Over handlebars: 3 ft. (91.4 cm.).
Over tank cap: 2 ft. 3 in. (68.6 cm.).



CUTTING MECHANISM: Positively driven and oscillated by simple, totally enclosed crank and die mechanism through a spring steel arm to the cutter bar. Specially designed fingers, fully machined to ensure long life. Cutting mechanism centrally placed; can be off-set in a few moments

FINGER AND KNIFE BARS: Heavy section tempered spring steel. Knife blades easily removed without disturbing fingers or dismantling any part of drive. Fingers fitted with hardened steel insets; sections of standard pattern, easily sharpened with ordinary reaper file. No expert maintenance required. Standard width of blade 3 ft. (91.4 cm.).

GEARING: Machine cut pinion; gear wheel, worm and worm wheel in constant mesh, running in oil. No chains or belts to stretch or break.

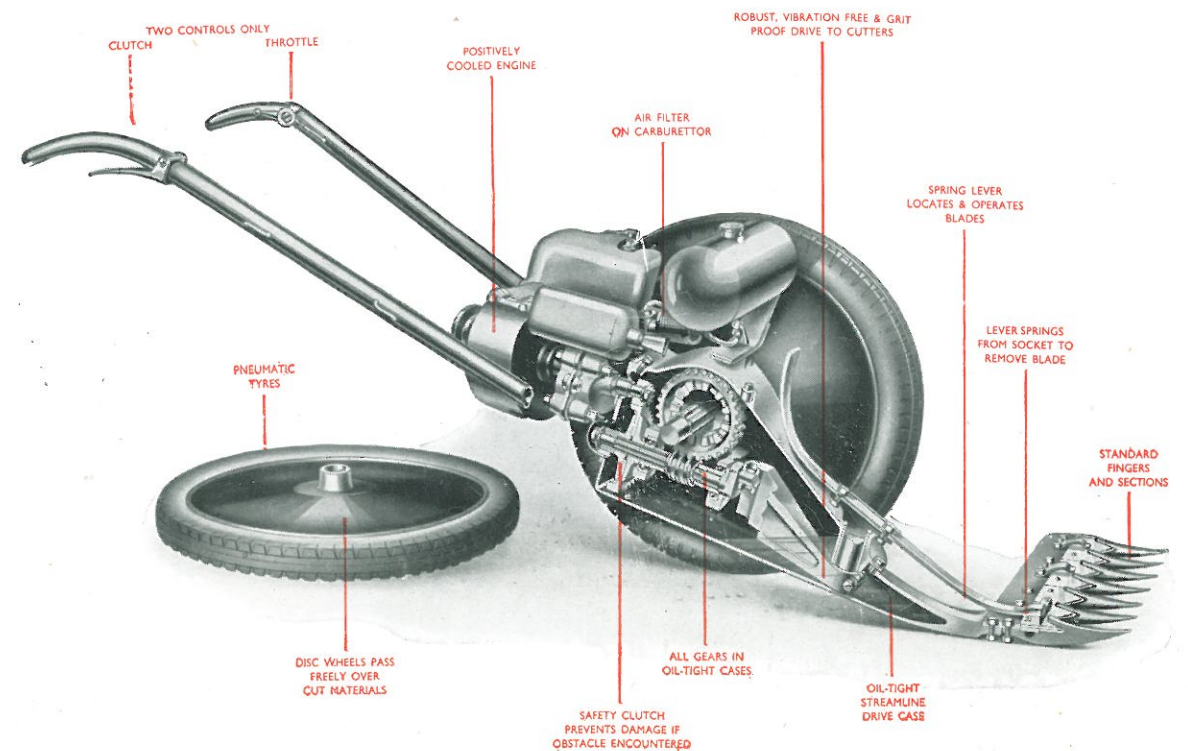
SAFETY CLUTCH: Incorporated in drive to obviate damage if solid obstacles are encountered when cutting. Automatically takes up drive again when obstacle is removed.

EASY TURN RATCHET DRIVE: Twin pawls enable the Allen Scythe to work up or down steep slopes with perfect safety. Fitted as standard on all machines.

HEIGHT OF CUT: Always under control of operator. Leaves 1½ in. (3.8 cm.) stubble on level ground. Saplings up to 1 in. (2.5 cm.) easily cut.

OPTIONAL EXTRAS

- Right- or left-hand blades for off-setting.
- 2 ft. (61.0 cm.) central cutting assembly for cemeteries and confined spaces.
- 4 ft. (121.9 cm.) central cutting assembly for cultivated crops.
- 4 ft. (121.9 cm.) partial off-set cutting assembly for cutting cultivated crops.
- 3 ft. (91.4 cm.) fine cut central cutting assembly for sports fields, etc.
- Two-piece swathboard for right- or left-hand for use with centre or off-set cut.



The
ALLEN

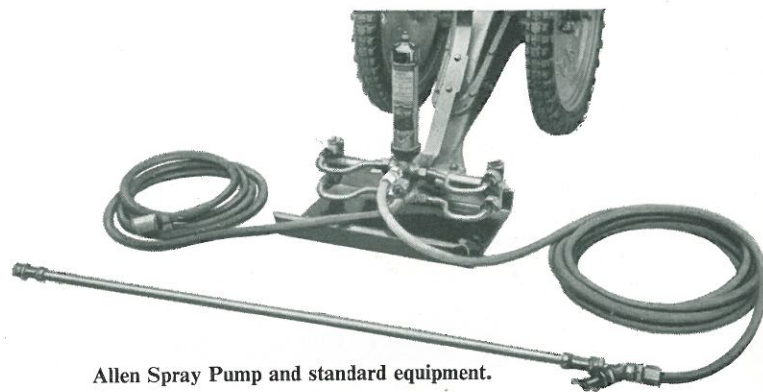
SPRAY PUMP

This is the simplest and most effective High Pressure Spray Pump of its kind on the market today. It can be used for spraying fruit-tree washes, creosote, white-wash, weed-killer, disinfectants, also ammonia solutions such as are used by poultry breeders. The strength of the spray is adjustable, according to the work in hand. The pump will maintain a pressure of 200 lb. per sq. in. (14 kg. cm.²) with an output of 2 gallons (9 litres) per minute.

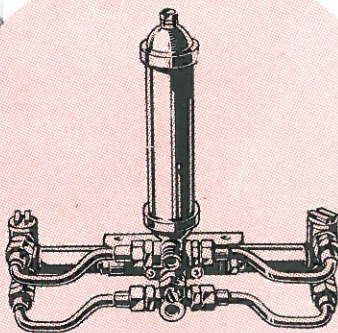
All ordinary work can be carried out with the basic set of equipment, consisting of a 4-ft. (1.2 m.) lance complete with adjustable vortex and three jet discs with easy-flow, quick operating tap; 30 ft. (9.2 m.) of high-pressure hose; 15 ft. (4.6 m.) of suction hose with a strainer and all necessary connections. A complete range of universal jets, spray guns and other equipment is also available at extra cost.

ABRIDGED SPECIFICATION

The pump is driven directly off the rocker spring. No gears, belts, etc., required to operate Pump. Solid, stainless steel, double-ended ram type plunger fitted with special plastic cups eliminate packing glands. Easily accessible stainless steel suction and delivery valves. Adjustable relief valve prevents excess pressure when lance turned off. Built-in air vessel. Pressure-gauge available as an extra.



Allen Spray Pump and standard equipment.



Fitted in a few minutes. Unique in design and performance.



The
ALLEN

**CARRIER
ATTACHMENT**

In summer or in winter, there are few jobs on smallholdings and poultry farms to which an Allen Scythe cannot be adapted.

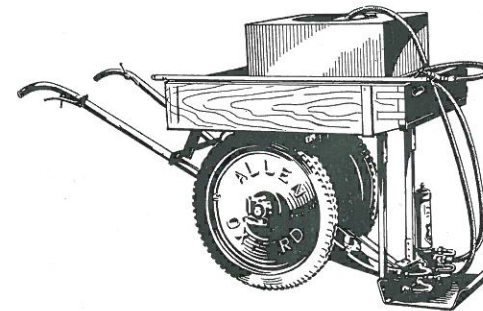
When fitted with a Carrier Attachment, grass or hay can be transported where required; fruit collected from the orchard; poultry food carried to the hen houses, and a hundred other jobs performed with ease.

The front board is detachable and the entire body tips vertically, allowing the Carrier to be emptied instantly. Connected by four bolts only, the

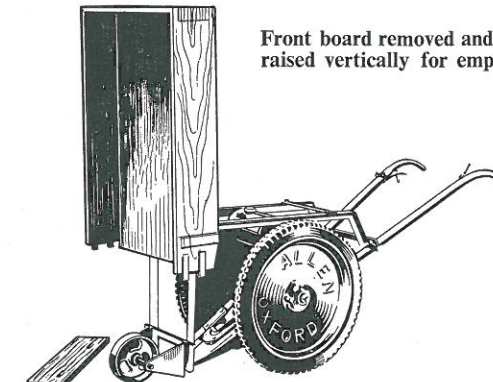
Carrier can be attached or released without loss of time.

To convert the Scythe and Carrier Attachment into a handy, easily manoeuvred, one-man spraying plant is a simple matter. Remove the front wheel mounting, replace it with the Allen Spray Pump, put a tank in the Carrier and the unit is ready for work. It can be used with good effect in confined spaces, orchards or greenhouses.

Ample body room is available for stowing the lance, hose, and tools which may be needed when spraying, making a self-contained unit.



Carrier Attachment with Spray Pump and Tank in position.



Front board removed and body raised vertically for emptying.

The ALLEN

HEDGE MASTER ★

The Hedgemaster, a larger and more robust version of the standard Hedge Trimmer can, when used with the Allen Motor Scythe, reduce and maintain farm and roadside hedges to an economical level.

The Allen Scythe will first clean up the headlands and banks close to the Hedge and then supply the necessary power to operate the Hedgemaster. One operator only is necessary.

Weighing 15 lb. (6.8 kilos) and with a cutting width of 15 in. (38.1 cm.) growth up to $\frac{7}{8}$ in. (2.2 cm.) can be cut with ease.

To obtain best results with fast and continuous working a counterpoise arm and special telescopic support is necessary which, fitted on to the Allen Scythe, relieves the Operator of all weight, it being only necessary to guide the Hedgemaster to its work.

The whole working unit (consisting of a 400-watt generator and cradle, Hedgemaster with 25 ft. (7.6 m.) of cable and plug and the counterpoise with support) is completely mobile and the Allen Scythe being self-propelled can travel over ploughed or cultivated headlands under its own power.

The standard 12 in. (30.5 cm.) blade Hedge Trimmer is supplied with 25 ft. (7.6 m.) of cable and plug. A 200-watt generator will operate one Trimmer or one Grassmaster and the 400-watt generator two Trimmers or, one Trimmer and one Grassmaster.



1 Complete control of all farm hedges.

2 An ideal combination for parks and cemeteries.

3 These hedges maintained for many years with an Allen Scythe and Hedge Trimmer.



HEDGE TRIMMER ★ GRASS MASTER

An unskilled person using a Hedge Trimmer can trim hedges as fast as six men using hand shears! There could be no better proof of its ability to save time and labour.

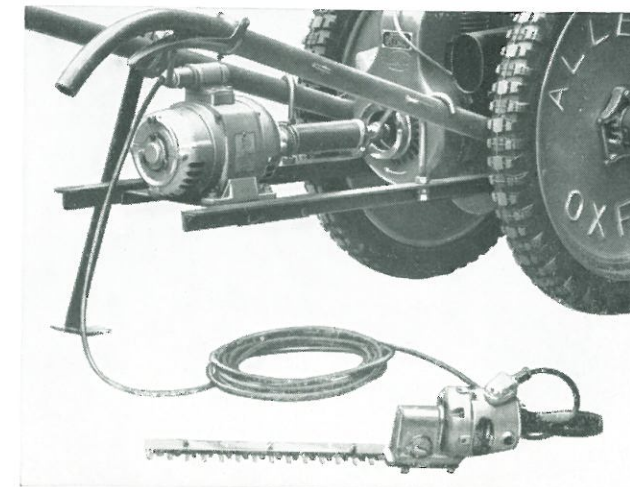
With a 12 in. (30.5 cm.) blade it is easy to operate and as it weighs only 6 lb. (2.7 kilos), can be used equally well by a man or a woman. The maintenance of hedges becomes a pleasure and complicated topiary presents no difficulties.

The Allen Scythe with a 2-ft. (61 cm.) cutting assembly will cut close to walls and in confined spaces. In cemeteries, where curbs and monuments may be separated by inches only, the Tarpen Grassmaster, operated from a 200-watt generator, solves the problem of weed control and saves hours of tedious hand clipping. Three models are available. The long-handled model is ideal for controlling grass and weeds in cemeteries. For terraces around bowling greens or lawns, the short-handled model is indispensable. The special model with 4-in. (10 cm.) blade will cut perfectly in places inaccessible even to a man using hand shears. All blades, which are reversible, are easily re-sharpened. Guards protect them from damage.

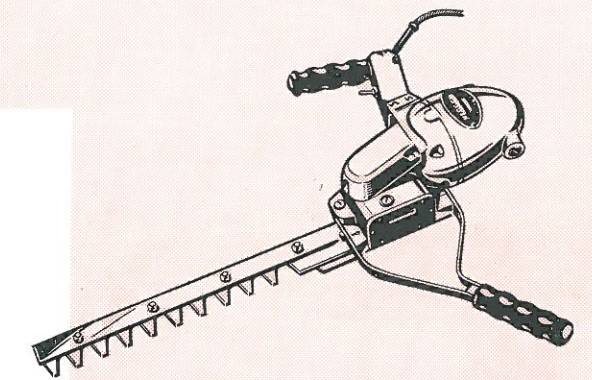
Model 15.S. Short handle with 7-in. (17.8 cm.) blade.

Model 15.L. Long handle with 7-in. (17.8 cm.) blade.

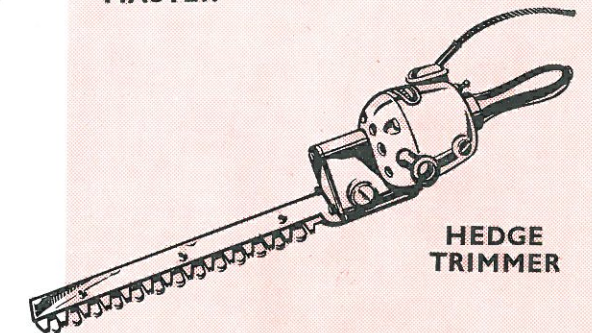
Model 15.F. Long handle with 4-in. (10 cm.) blade.



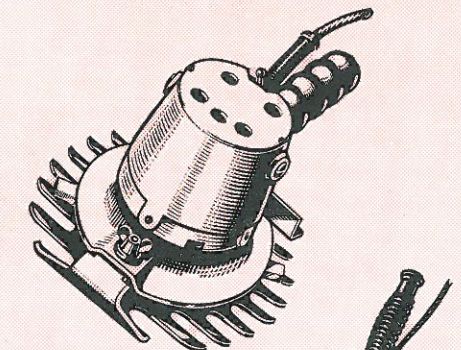
The cantilever cradle is fitted without bolts or screws.



HEDGE MASTER



HEDGE TRIMMER



GRASS MASTER

