

# The ALLEN

## HAY SWEEP & SNOW PLOUGH

An Allen Scythe is an all-the-year-round worker.

The Snow Plough attachment is exceptionally easy to connect, it is held in position by three bolts and nuts which normally hold the cutting assembly in position. Soundly constructed of steel plate and welded throughout, it is of sufficient strength and weight to remove any normal fall of snow before it has been trodden down or become frozen. The 3-ft. (91.5 cm.) wide blade, is set at an angle of 30° so that the snow is pushed smoothly and easily to one side. Two positions are available, allowing the blade to be inclined either to the right or the left. Height of blade 12 in. (30.5 cm.). Effective clearing width 2 ft. 7 in. (78.7 cm.).

On smallholdings and farms, a supply of good clean hay is a necessity. By using a Hay Sweep, a plentiful supply can readily be made available.

After mowing with the Allen Scythe, the Hay Sweep, which can be attached in a few minutes, can be used for the rapid collection of the hay when required. This done, the Hay Sweep can be quickly detached, leaving the Scythe ready for other work.

Of robust construction, the Hay Sweep is stayed back to the machine for extra strength, allowing the Sweep to carry a surprisingly large volume of hay for so small an implement.

# The ALLEN

## CENTRIFUGAL PUMP

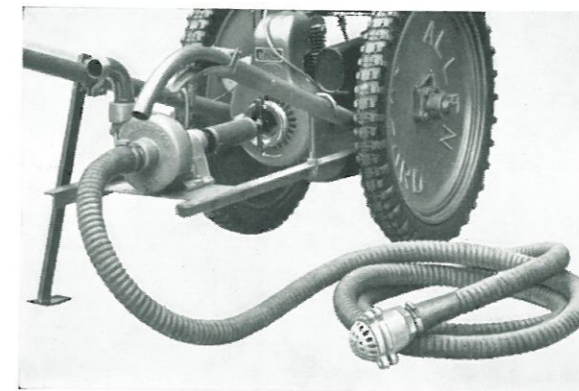
This dependable Centrifugal Pump allows an Allen Scythe to be converted to a highly efficient, completely mobile pumping unit capable of delivering 1,500 gallons (6,820 litres) of water to a total head of 25 ft. (7.6 m.).

Cellars or trenches can be rapidly emptied; cattle troughs and tanks filled in a fraction of

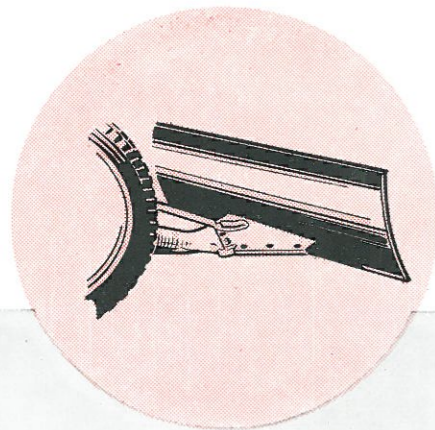
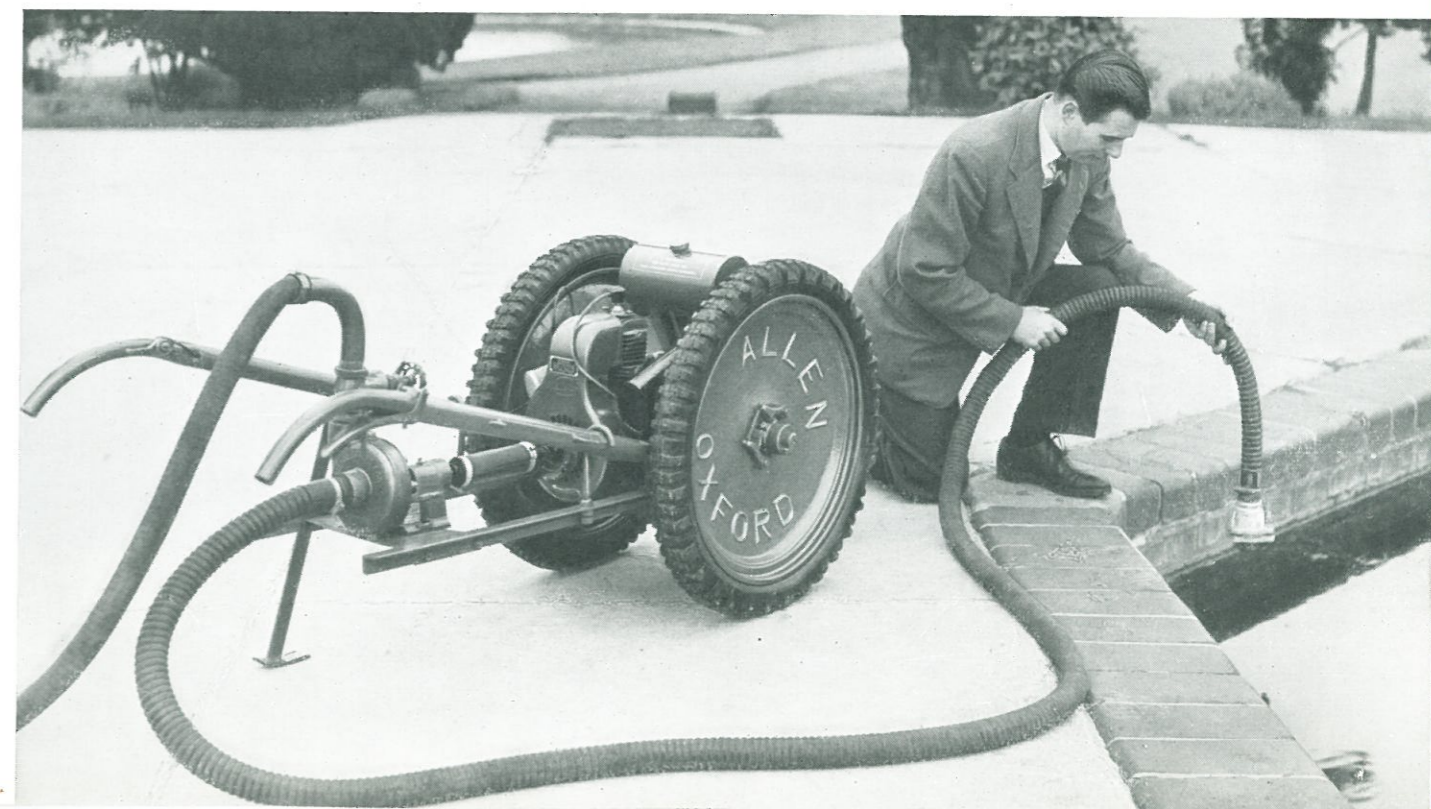
the usual time. The modest initial cost is quickly offset by the great saving effected in time and labour.

The Pump is mounted on a simple cantilever cradle which slips straight into position on the Allen Scythe. No bolts or screws are required. It is supplied complete with 15 ft. (4.6 m.) of special wire-wound suction hose fitted with a cast-iron foot valve and strainer. 1½ in. (3.8 mm.) delivery hose of any type can be used with the Pump. Delivery hose, also a gate valve, can be supplied as extras, if required.

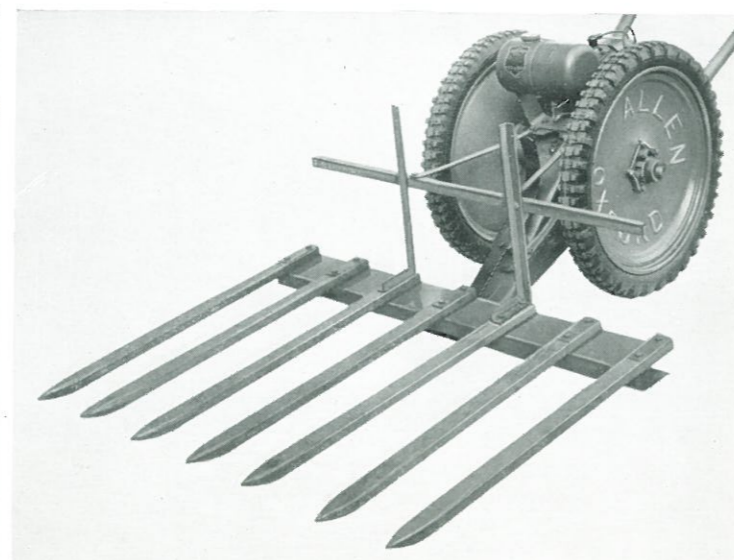
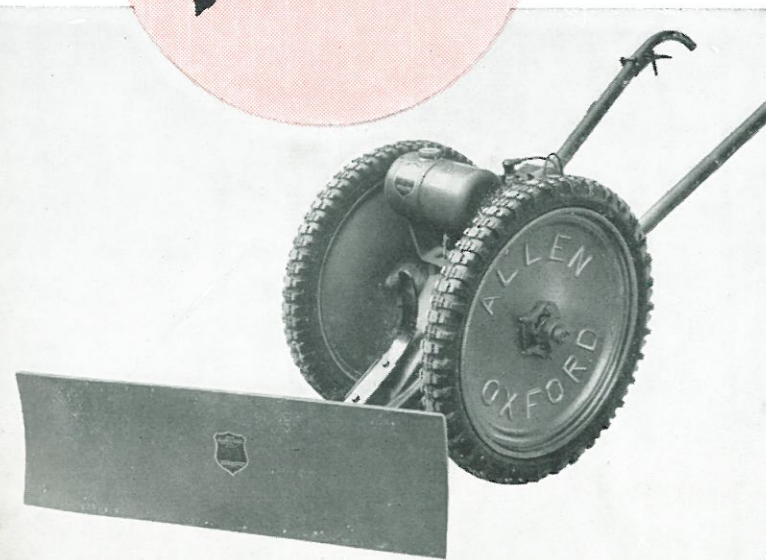
The Pump may be carried on the Scythe or left alongside the source of supply. The suction hose is of sufficient length to allow water to be reached when considerably below the level of the ground.

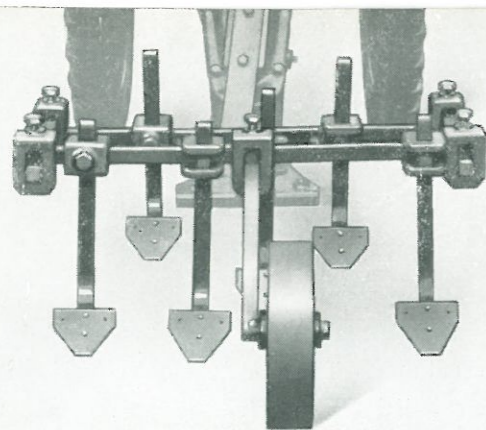


The cradle is automatically locked in position by its own weight.

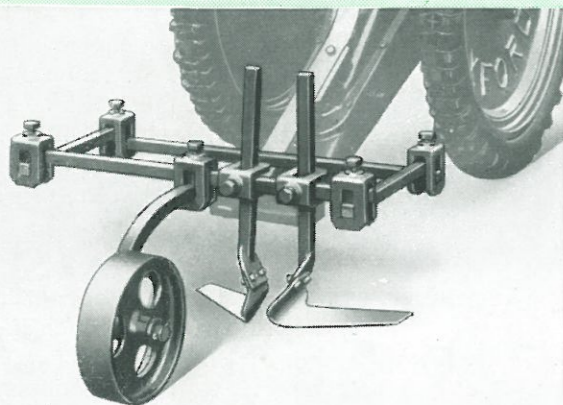


Only three bolts required for fitting. Blade 3 ft. (91.5 cm.) wide; 12 in. (30.5 cm.) high.

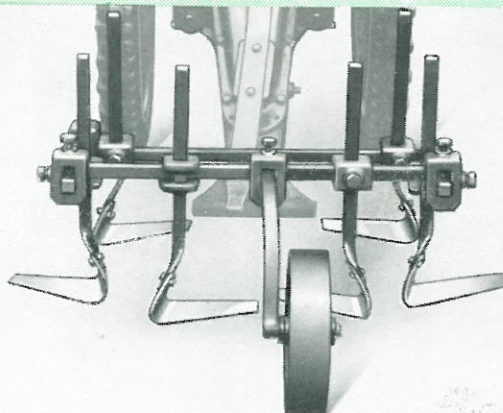




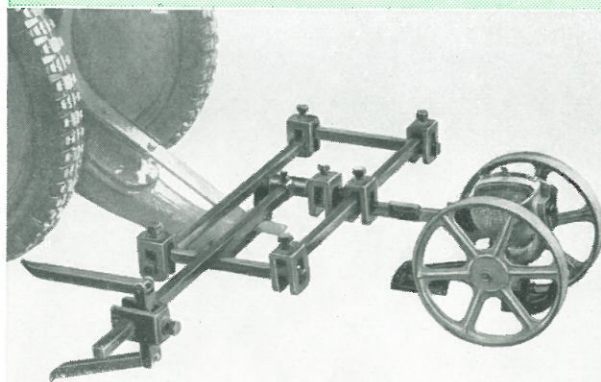
3-in. (7.6 cm.) CULTIVATING TINES CAN BE FITTED IN VARIOUS POSITIONS



CLOSE, ACCURATE HOEING WITH ONE PAIR OF HOE BLADES



AMPLE POWER FOR ADDITIONAL HOE BLADES WHEN REQUIRED



ONE OR MORE SEEDERS AND MARKER FITTED IN A FEW MINUTES

## The ALLEN

### LIGHT HOE AND SEEDER

The Seeder and Light Hoe attachments provide yet another instance of the remarkable adaptability of the Allen Scythe.

Sturdy tool bars of  $\frac{3}{4}$ -in. (19.05 mm.) square section steel enable the 6 in. (15.2 cm.) hoe blades, the 3 in. (7.6 cm.) cultivating tines or a seeder to be attached in a few minutes. The cutting mechanism only need be removed.

The Hoe is located in front of the machine in full view of the operator so that the front wheel serves as a guide. Close, accurate work becomes simple; irregularities can be followed without fear of damaging the plants.

Standard tool bars are 2 ft. (61 cm.) in length but a 3 ft. (91.5 cm.) tool bar is available. Either may be off-set when required. The Seeder is also carried well forward in full view of the operator, enabling him to follow a given line with absolute precision. The Seeder opens the drill to the required depth, sows the seed and covers the row in one simple operation. It functions perfectly, down to the last seed in the hopper. Not one is wasted. By means of a simple adjustment, all seeds from the smallest to small bean size can be sown. Two or more Seeders can be operated together. Row widths can be adjusted to coincide with those of the Hoe, thus effecting a great saving of time and labour when the hoeing is done at a later date. A marker, ensuring accurate spacing, is available for use with the Seeder.

Farmers and smallholders everywhere have received the Hoe and the Seeder attachments with enthusiasm.

## The ALLEN

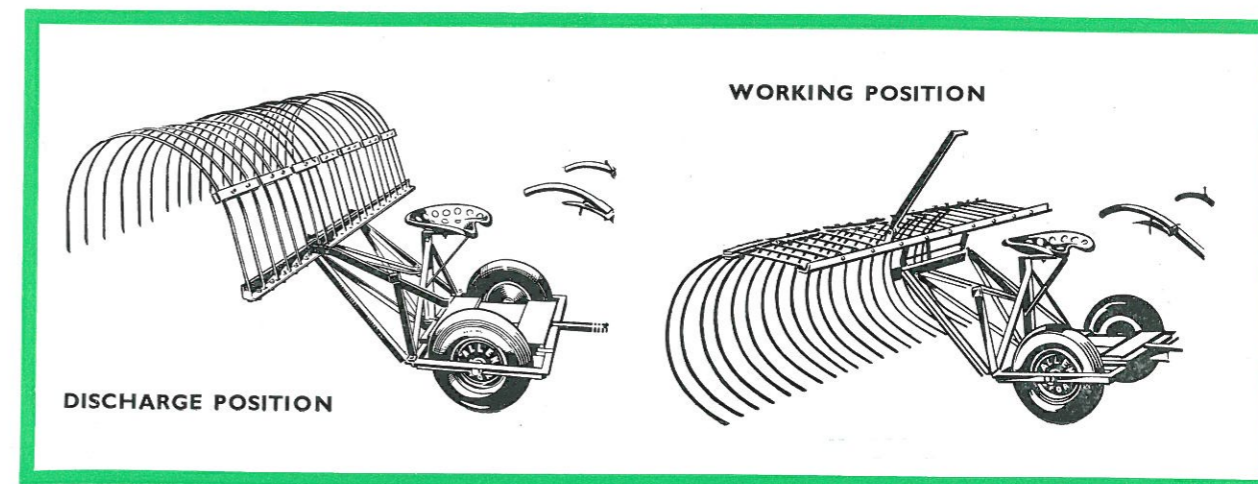
### HAY RAKE

The Trailer Seat (described on the next page) has been specially designed to accommodate the Hay Rake.

By fixing four bolts only, the Hay Rake is attached to the trailer and the Allen Scythe at once converted into an extremely useful piece of hay-making equipment. One passage of the Rake is sufficient to clear the ground of hay and neatly pile

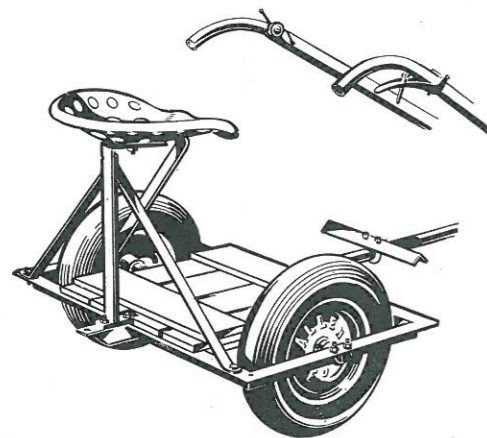
it ready for collection. The release mechanism is on the right, comfortably within reach of the operator. Adjustable clips bridging the tines add weight where it is needed to ensure a very clean finish.

Like all Allen attachments, the Rake is simply, yet strongly constructed and perfectly adapted to its purpose.



# The ALLEN

## TRAILER SEAT AND TRAILER ROLLER



Allen Trailer Seat, showing handy controls.

By fitting a Trailer Seat, an Allen Scythe is converted into a miniature farm tractor capable of performing the most varied tasks with the utmost economy and efficiency.

The sturdy Villiers engine will propel the machine, Trailer Seat and attachments as well as the operator. Though small, it is a tireless performer. Implements such as the Hay Rake, a four-wheeled Trailer or a light chain Harrow can be attached directly to the Trailer Seat. A special floating drawbar is available for drawing a set of light gang mowers. By making the fullest use of an Allen Scythe, both labour and costs are greatly reduced. There is no better investment of its kind.

An Allen Trailer Roller in action on a golf course.



A single bolt connects the Trailer Seat securely to the Allen Scythe—no tiresome adaptations are necessary. Of generous proportions, it will accommodate easily an operator weighing 300 lb. (136 kilos). The foot-rest is adjustable, also the seat, which can be set forwards or backwards to suit the individual needs of the driver. Mounted on 4 in. x 16 in. (10.1 x 40.6 cm.) pneumatic tyres, the Trailer Seat is very comfortable to use. Long hours may be worked by the operator without fatigue.

Operator has clear view of work.

The Allen Roller will give excellent results when used on large lawns, cricket pitches, tennis courts, or golf courses, being of sufficient weight to ensure a good even surface.

By removing the wheels from the Trailer Seat unit, the work of a few minutes only, the axle can be withdrawn, fitted with a set of four 16-in. (40.64 cm.) cast-iron Rollers and replaced. A first-rate motor Roller with a rolling width of 2 ft. 8 in. (81.3 cm.) and an approximate weight of 350 lb. (160 kilos) becomes available. The lusty engine will pull the Roller without complaint over any normal surface. Here is yet another example of the remarkable adaptability of the Allen Scythe.

The large diameter wheels and special tread tyres give a wide arc of contact, positive grip being obtained without disturbing the surface of the turf being rolled.



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## ROTARY BROOM

Sweeping by ordinary methods is a slow, tedious task and the results are rarely satisfactory. With this Rotary Broom, lawns, drives and footpaths, as well as streets and parade grounds, can be cleanly swept with practically no effort.

The Broom is angled to carry the sweepings to the side, leaving them in even rows for easy collection. Brush pressure is adjustable. The sweeping width is 3 ft. 3 in. (99 cm.) approximately. The Broom is made up of a number of brush sections, any one of which can be replaced as required—an attractive money-saving feature.

The De Luxe model has all the features of the Standard Model but has the added advantage that the angle of the broom is instantly reversible by means of a lever located between the handlebars within easy reach of the operator. This permits the sweepings to be formed into windrows either to the left or to the right of the machine as desired. An extension broom can be supplied which enables the operator to sweep very close to curbs, walls, lamp standards, and other obstacles. A dust shield is also available as an extra.

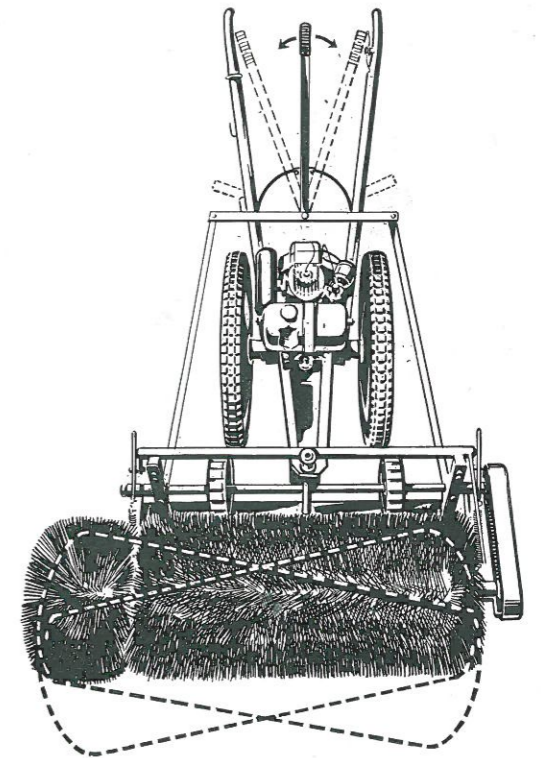
Both models are popular with Public Authorities for work on the streets, especially after tar-spraying, and for use in factories, schools, and on estates, they are unequalled for obtaining speedy, efficient results at low cost.

The Rotary Broom can be supplied permanently attached to an Allen Motor Scythe, forming a compact sweeping unit. When supplied in this form, the cutting assembly and operating gear are not built into the machine, only the motor, chassis, and drive to the road wheels being retained. A Snow Plough can, however, be substituted for the Rotary Broom Attachment, making it a very useful dual-purpose machine.

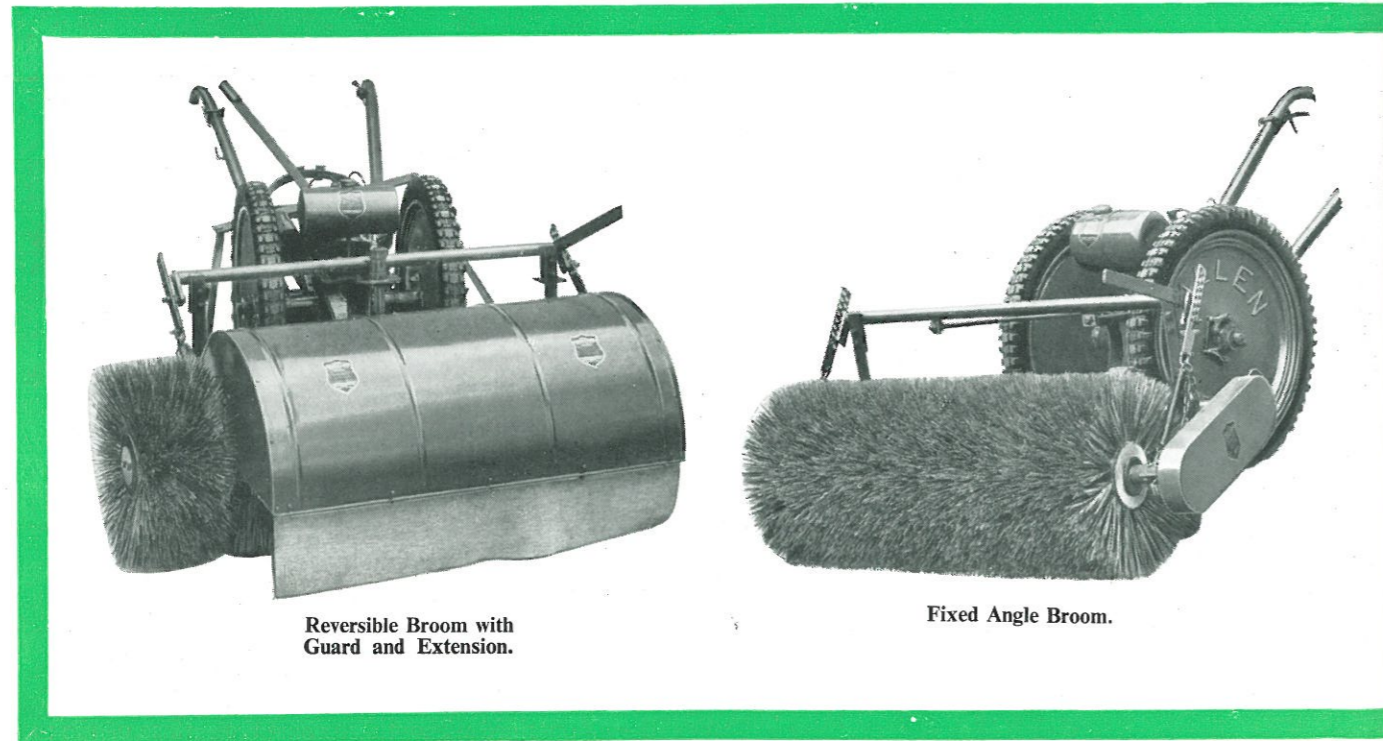
Power is transmitted to the Rotary Broom through the large diameter friction wheel which is brought into firm contact with road wheel on the Allen Motor Scythe. This ensures that the Broom revolves at the correct working speed under all conditions. When the angle of the broom is reversed on the Reversible Broom, a second friction wheel comes into action, thus giving equal performance in either position.

By means of a lever placed conveniently to hand, the angle of the Broom can be reversed while the machine is still in motion. The Broom is built up in seven sections, any one of which, when worn, can be re-bristled at very little cost.

The sweeping pressure of the Broom can be varied from a light brushing to a heavy scrubbing action. A simple adjustment is provided to retain a constant pressure on the friction wheels and compensation for bristle wear is obtained by side links, thus ensuring even wear across the brush.



ROTARY BROOM ATTACHMENT DOES QUICKLY AND EFFECTIVELY THE WORK OF SEVERAL MEN



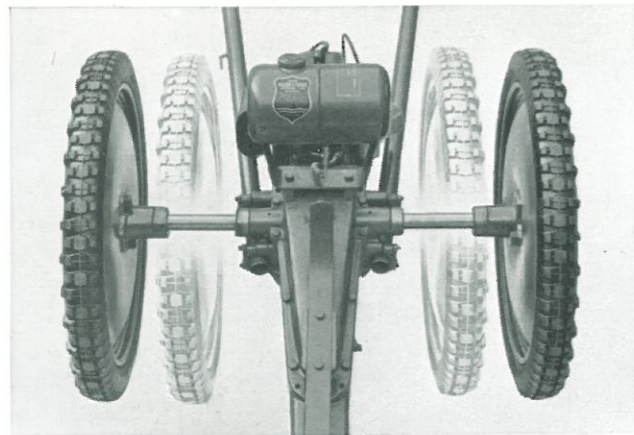
Reversible Broom with Guard and Extension.

Fixed Angle Broom.



## The ALLEN

### EXTENDED AXLE

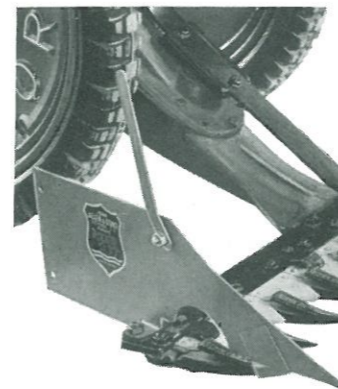


A longer 3-ft. (91.5 cm.) axle allows the wheels to be used not only in the normal position, but also in an extended or any intermediate position.

With the wheels in the fully extended position, slopes of 1 in 1 or 45° can be cut as easily and cleanly as flat ground. With the long axle and the wheels set out from the machine, the centre of gravity falls well within the wheelbase rendering the machine quite stable on the steepest slopes, in fact the operator can steady himself by the machine. For hoeing or cultivating, the scythe becomes invaluable. The extra cost is very small.

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### SWATH BOARD



The Swath Board is constructed from  $\frac{1}{8}$ -in. (3 mm.) flat steel plate and made in two pieces. With the forward half only in position on the central cutting assembly the cut material is deflected away from the standing crop. The rear portion may be added when the cutting assembly is offset and gives a wider clearance of cut material.

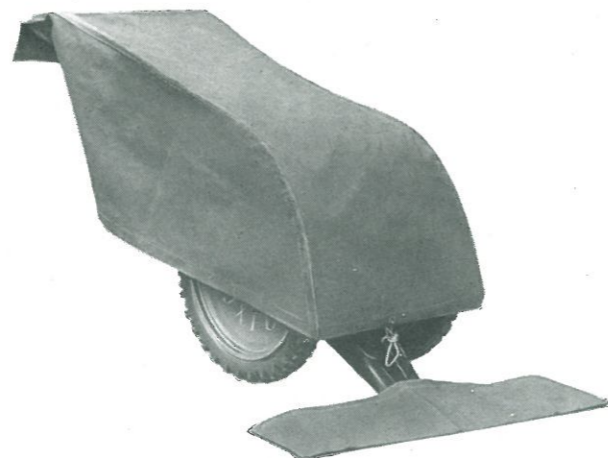
The Swath Board is supplied for either right- or left-hand fitting and the long and short deflector arms may be bolted to the most suitable hole and set at the best angle to suit the crop being cut.



### WATERPROOF COVER

A set of these waterproof covers fully protects the machine against really bad weather. The roughest winds will not dislodge them and the scythe can be safely left in the open for any length of time. There is no need to move the machine from the site of the work in hand.

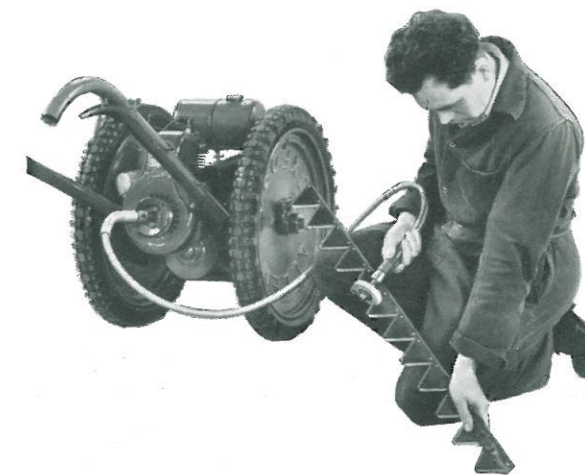
Made of heavy, rot-proof canvas, the covers will last for many years. They are specially tailored to fit the Allen Scythe and are held firmly in position by two shaped pockets that slip over the handlebars and are secured by rope laces attached to brass eyelets. A separate cover, shaped to fit the cutter bar, is also supplied complete with brass eyelets and ties.



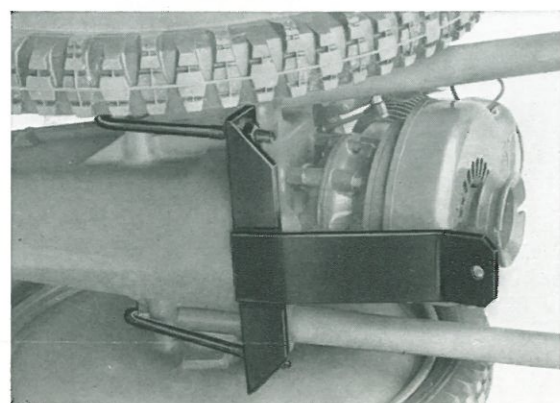
### KNIFE GRINDER

A Flexible Grinder or Blade Sharpener does away with laborious sharpening with a reaper file. It is quicker, easier to use and will keep the cutting blades of an Allen Scythe always in perfect condition.

The Grinder connects directly to the engine crankshaft, driving a 3-in. (7.6 cm.) high-speed emery wheel capable of grinding the hardest sections. Many other uses for the Grinder will readily suggest themselves.

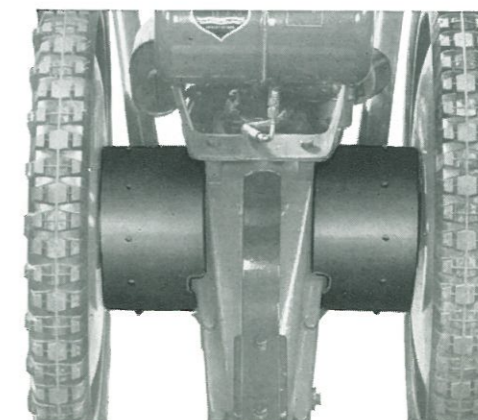
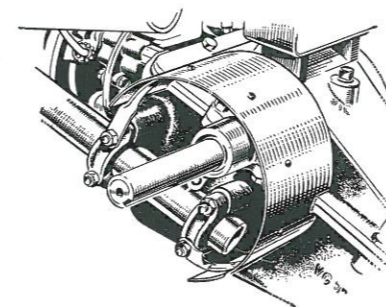


### DRAW BAR



This simple drawbar attachment can be easily fitted to an Allen Scythe in a few moments. The angle piece locates on the back of the gearcase and the hook bolts engage with the open ends of the handlebars. Once fitted, it may be left permanently in position. Ample tractive power is available, the pull being taken at below axle level. The Trailer Seat, as well as various other attachments, can be drawn at a fair speed without overloading the engine. Fitting a Drawbar opens up a wide field of possible extra uses for the Allen Scythe.

### FORESTRY GUARDS



These special Forestry Guards have been developed for use with Allen Scythes employed for cutting very heavy growths of weed, bracken, bramble, or elephant grass, particularly on mountain sides and in tropical countries. Fitted with Forestry Guards, Allen Scythes have proved very effective where mechanical cutting was thought to be impossible.

# The ALLEN

## CIRCULAR SAW ATTACHMENT

(Patent applied for)

THE Circular Saw Attachment follows the tradition of the already extensive range of Attachments available for the indispensable Allen Motor Scythe.

The Saw Bench and its Power Take Off can be fitted or removed from the Allen Motor Scythe in a matter of a few moments and the whole unit when fitted is ready for use and completely mobile, being moved from place to place under its own engine power.

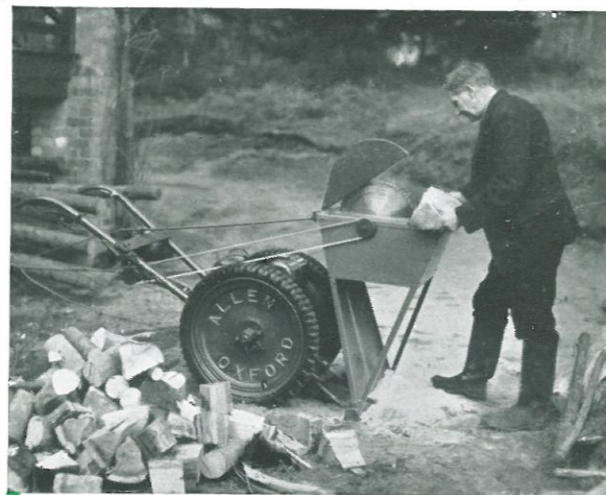
A full 16-in. diameter cross cut circular Saw of the very best quality is employed running on ball bearings, protected by oil seals and is capable of cutting up to 6-in. in diameter in one passage.

A special adjustable guard is fitted which can be closed down completely, thus guarding the Saw from exposure when not in use. The guard can be raised as far as may be necessary to allow the material to be cut, yet giving protection to the Operator.

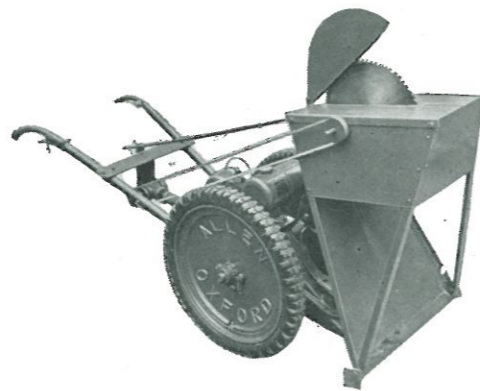
In these times of fuel shortage the Allen Saw Attachment is indispensable. Fire wood logs can be cut in small or large quantities as required.

Your Allen Motor Scythe carries out this work just when needed and when perhaps the machine would be otherwise idle.

A boon to every existing or prospective Allen Scythe owner.



16-in. diameter cross cut Circular Saw running on ball bearings



Logs up to 6-in. in diameter can be cut in one passage



# The ALLEN

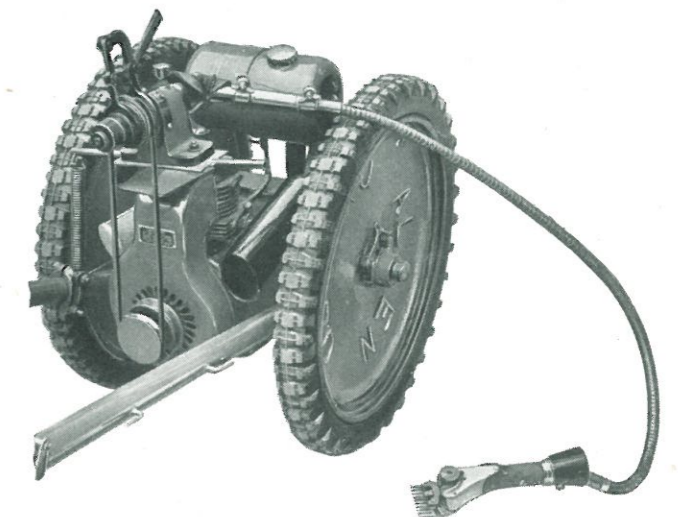
## SHEEP SHEARER

An Allen Sheep Shearer is not dependent on electric mains for its operation. It is driven off an Allen Scythe and is therefore capable of working wherever required.

One hinge pin only is used when attaching or removing the Shearer.

A Sheep Shearer will do useful work on any farm, particularly on hillside farms or on those where the flocks may be scattered over difficult ground. Ideal for Crutching. The shearing can always be done on the most convenient site. Special clipping heads are also supplied for clipping cattle and horses.

A standard clutch bracket is supplied so that the sheep shears may be stopped or started while the engine is running. The flexible drive and shear head supplied are of a well-known make, spares for which are obtainable throughout the world.



Spring tensioned drive belt easily fitted or removed.

