



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. 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 to-day, 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.



The World's finest Motor Scythe

ENTIRELY British throughout, the Allen Self-Propelled Motor Scythe is built by skilled engineers at our factory at Cowley, Oxford, and embodies the wide experience gained during the quarter of a century we have been manufacturing this implement.

It has been designed for cutting all kinds of rough, dense growths, and will work continuously where no other machine can operate.

The Allen Motor Scythe has achieved an unequalled reputation for efficiency and complete reliability under the most arduous conditions all over the world. The sturdy Villiers engine (both two-stroke and four-stroke are available) drives simultaneously the cutting mechanism and machine, ample power being delivered to the driving wheels to propel the scythe at an even pace into dense growths. Steep reservoir and railway embankments can be climbed without difficulty; long grass, weeds, bracken, brambles, rough matted and tangled growths, besides many kinds of cultivated crops, can be cleanly cut.

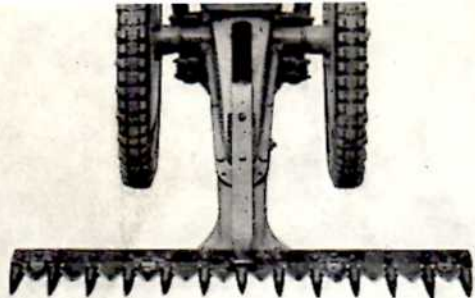
Remarkably economical in use, a gallon of petrol and half a pint of oil will operate the machine for from five to six hours, enabling one operator, with no special skill, to accomplish as much in an hour as twelve good men using ordinary scythes. An acre of grassland can be cut in two hours.

By means of special attachments the Allen Scythe can be utilized for an endless variety of tasks, giving all-the-year-round service.

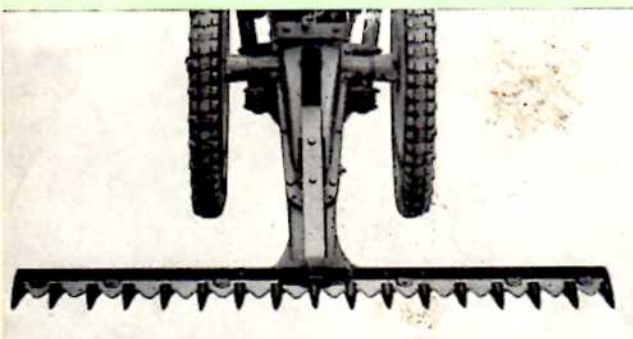
Why not let this machine cut YOUR labour costs?



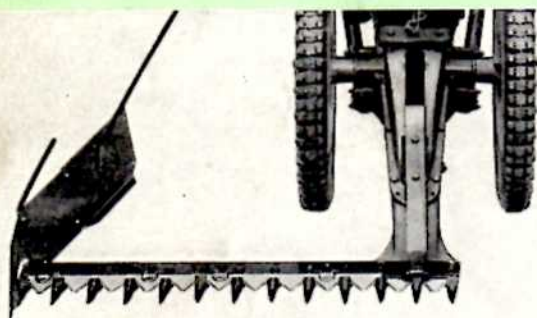
An all-British



3-ft. central cutting assembly for all normal work.

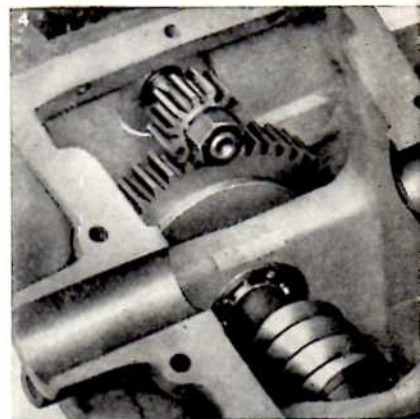
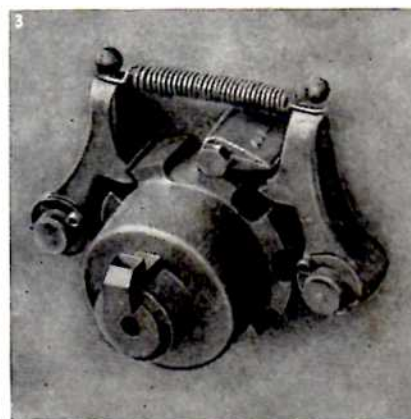
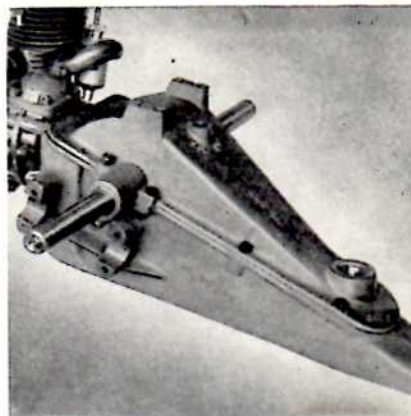


4-ft. central cutting assembly for crop cutting.



Right-hand 3-ft. off-set assembly fitted with right-hand swath board.

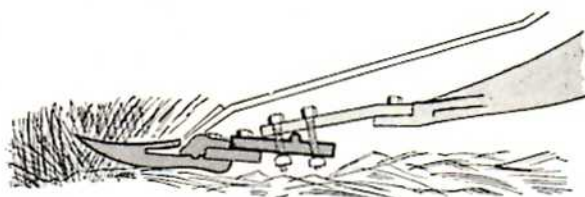
1. Streamlined oil-bath gear case.
2. Positive drive clutch.
3. Easy-turn ratchet drive.
4. Built-in safety clutch.



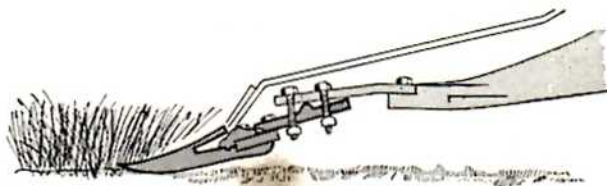
UNIVERSAL FOOT

By means of simple adjustment, the Universal Foot allows the standard cutting assembly to be tilted or pitched as required, so that the points of the fingers can be lowered towards the ground, thus lifting the lower layers of grass up into the cutting blades, and making for a much closer and more even cut.

It also has the effect of setting the cutting assembly further forward in advance of the machine, and with the longer rocker spring supplied this gives a 50 per cent greater travel to the blades and consequent faster cutting.



The Universal Foot adjusted for rough cutting.



The Universal Foot adjusted for fine or close cutting.

Super-Duty machine

SPECIFICATION MODEL "T"

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.

WIDTH OF CUT: 3 ft. (standard).

OVERALL LENGTH OF MACHINE:
6 ft. 3 in.

WIDTH OF MACHINE:
Over knives: 3 ft. 1½ in.
Over wheels: 1 ft. 9 in.
Over handlebars: 2 ft. 1 in.

CONTROLS: Two only—clutch and throttle.

TYRES: Pneumatic: 27 in. diam. × 2¾ wide.
Rim size: 21 × 2.75 in.
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.
Over tank cap: 2 ft. 3 in.

MODEL "TS"

Generally as specification for the Model "T", but fitted with mechanical Servo clutch withdrawal mechanism, longer axle, Forestry Guards, and Allen patent adjustable pads.

EXTRAS

- 4-ft. cutting assembly.
- Special long axle for use on railway embankments, etc.
- Oil-type air cleaner, for dusty working conditions.
- Swath Boards.
- Waterproof cover.
- Forestry Guards (fitted as standard on Model "TS" machines).
- Universal Foot (for 3-ft. central cutting assembly only).

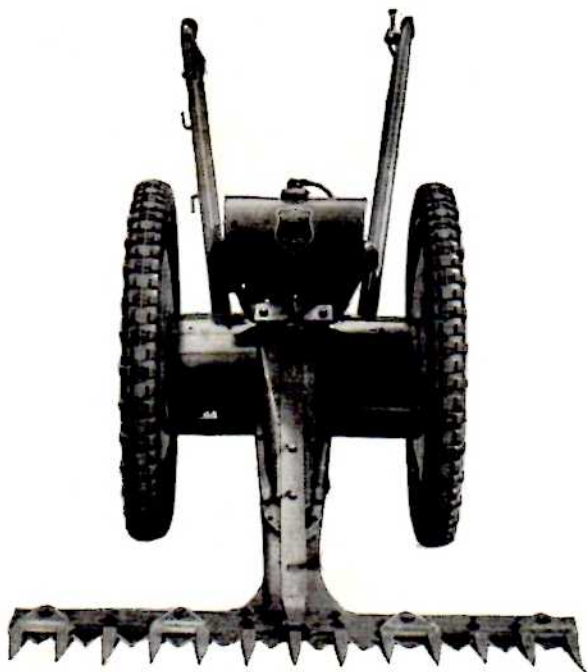
FOUR-STROKE ENGINE

A Villiers Mk. 25 four-stroke petrol engine is available as an alternative to the Mk. 25C two-stroke.

We give below a brief specification of this four-stroke engine, which we recommend where the scythe is to be used at high altitudes:—

- 2.9 b.h.p. at 2,400 r.p.m.
- Bore 70 mm. Stroke 66.7 mm. 256.5 c.c.
- Piston rings: 3 compression; 1 scraper.
- Lubrication: Splash.
- Oil sump capacity: 2 pints.
- Carburettor: Single lever. Type 10D.

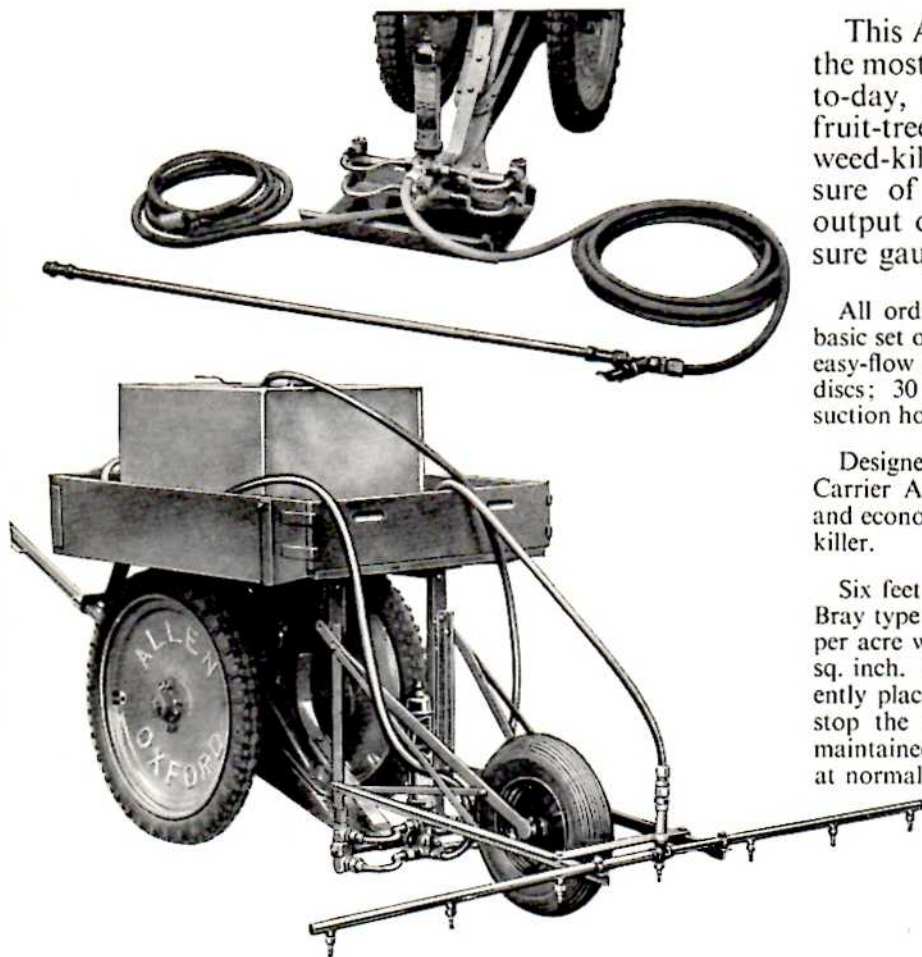
Weight of Allen Motor Scythe when fitted with Villiers Mk. 25 four-stroke engine—360 lb.



Model "TS"

The
ALLEN

SPRAY PUMP



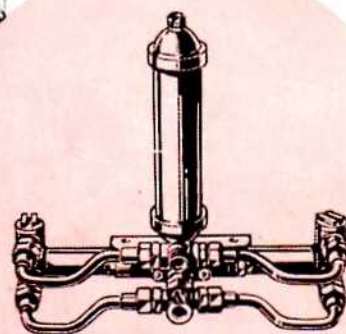
This Allen high pressure Spray Pump is the most effective of its kind on the market to-day, and can be used for spraying fruit-tree washes, creosote, whitewash, weed-killer, disinfectants, etc., at a pressure of 200 lb. per sq. inch, with an output of 2 gallons per minute. A pressure gauge can be supplied, if required.

All ordinary work can be carried out with the basic set of equipment, consisting of 4-ft. lance and easy-flow tap with adjustable vortex and three jet discs; 30 ft. of high pressure hose; and 15 ft. of suction hose with strainer.

Designed for use with the 25-gallon Tank and Carrier Attachment, the Spray Boom is a simple and economical method of applying selective weed-killer.

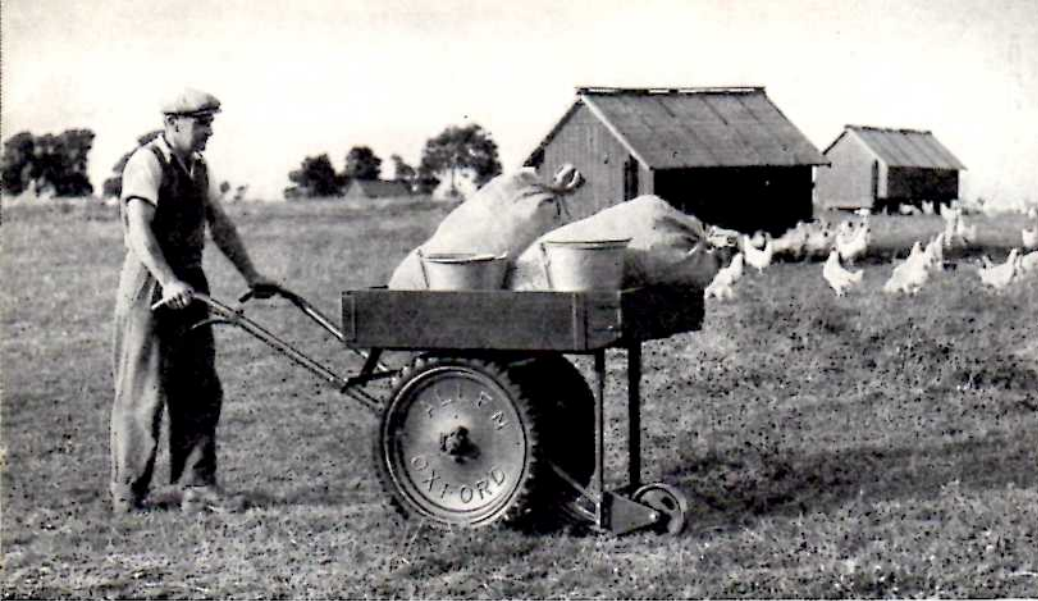
Six feet long, this Boom is equipped with seven Bray type 0000 jets, giving an output of 10 gallons per acre with pump pressure reduced to 25 lb. per sq. inch. Other jets can also be used. A conveniently placed tap enables the operator to start and stop the flow, so that complete control can be maintained. An acre can be covered in one hour at normal travelling speed.

The Boom itself can be removed in less than a minute to allow the machine to pass through gateways.



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.

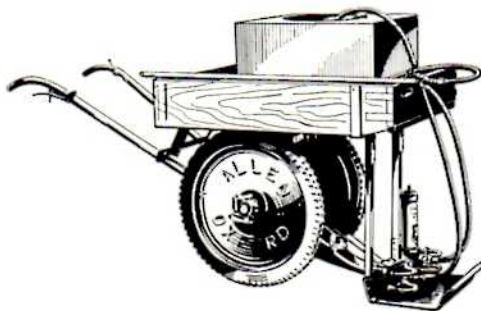
When fitted with a Carrier Attachment, grass or hay can be transported where required; fruit collected from the orchard; poultry food carried to the hen houses, and a hundred other jobs performed with ease.

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

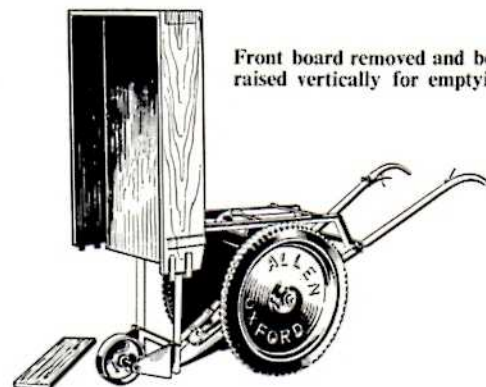
Carrier can be attached or released without loss of time.

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

SUPER-DUTY HEDGE CUTTER

This Attachment consists of 400-watt generator directly coupled to the engine of the Allen Scythe, specially designed telescopic Counterpoise, and Tarpen Hedge Master. This forms a complete mobile unit for the maintenance of farm and road-side hedges at an economical level.

The Counterpoise has been designed after careful trial, and is mounted on the foot of the Allen Scythe and stayed back to the tank bracket.

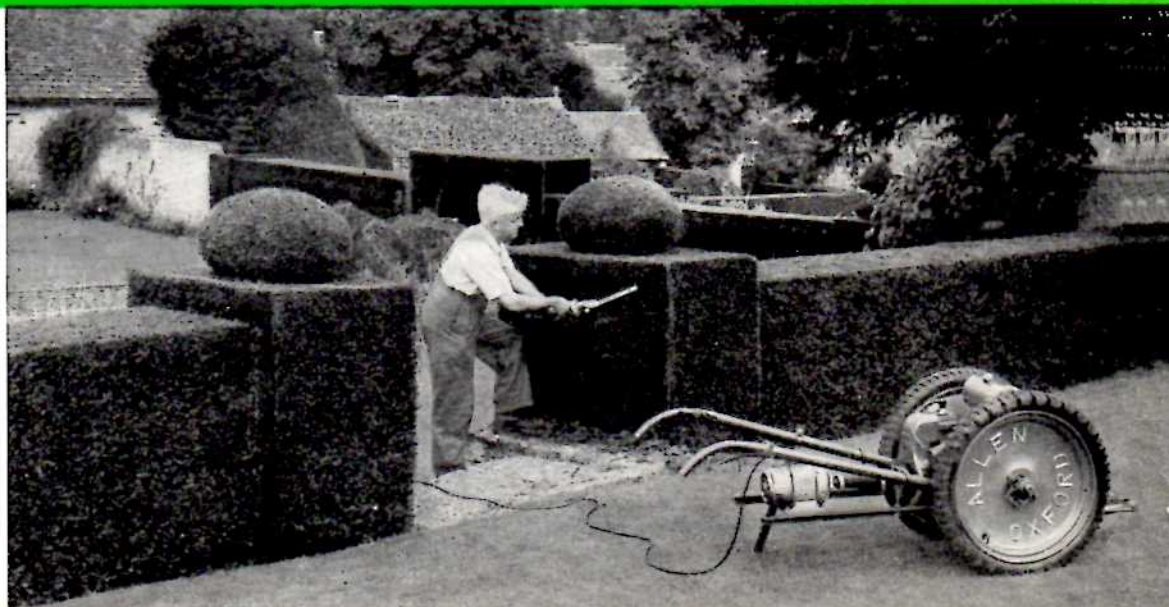
In order to facilitate movement over rough or ploughed ground the vertical supporting arm can be retracted to half its full height, and the horizontal arms put away in special clips. When fully extended and with the horizontal arms and balance weight in position, the whole weight of the Hedge Cutter is carried by a length of cable and a special stirrup which allows the Hedge Cutter to rest in any position without assistance from the operator.

The electric cable connecting the machine is also supported on the cross arm, thus preventing it from trailing on the ground behind the operator and being trodden on, or becoming entangled with the cut branches.

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.



ATTACHMENT * HEDGE TRIMMER * GRASS MASTER

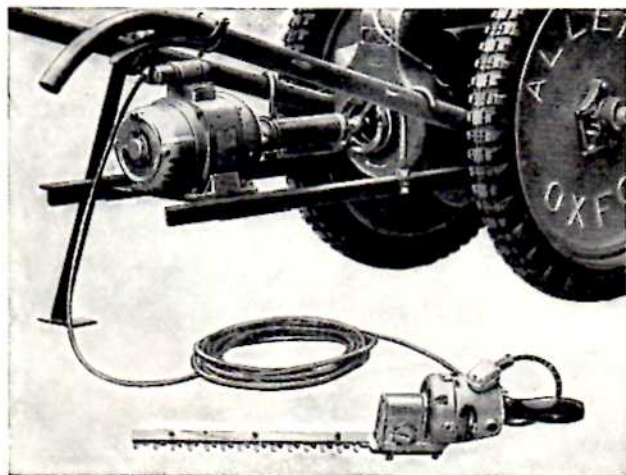
An unskilled person using a Hedge Trimmer can trim hedges as fast as six men using hand shears! There could be no better proof of its ability to save time and labour.

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

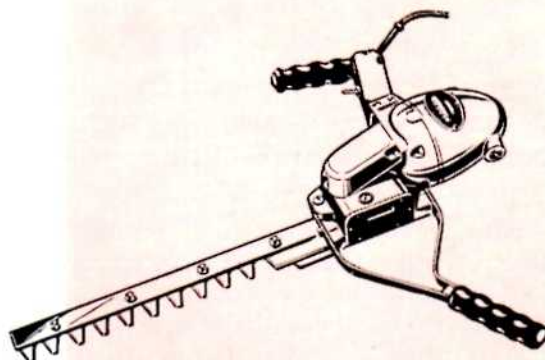
The Allen Scythe with a 2-ft. cutting assembly will cut close to walls and in confined spaces. In cemeteries, where curbs and monuments may be separated by inches only, the Tarpzn Grassmaster, operated from a 200-watt generator, solves the problem of weed control and saves hours of tedious hand clipping. Two models are available. Both are ideal for controlling grass and weeds in cemeteries, and for terraces around bowling greens or lawns, while the special model with 4-in. 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.L. Long handle with 7-in. blade.

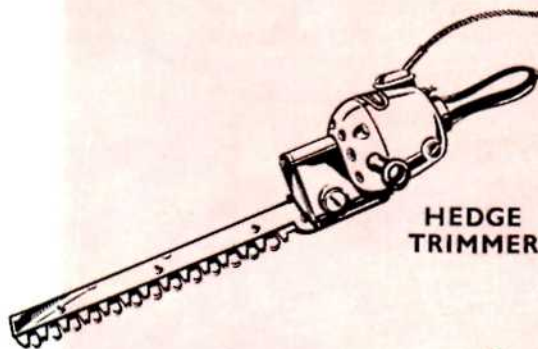
Model 15.F. Long handle with 4-in. blade.



The cantilever cradle is fitted without bolts or screws.



**HEDGE
MASTER**



**HEDGE
TRIMMER**



**GRASS
MASTER**

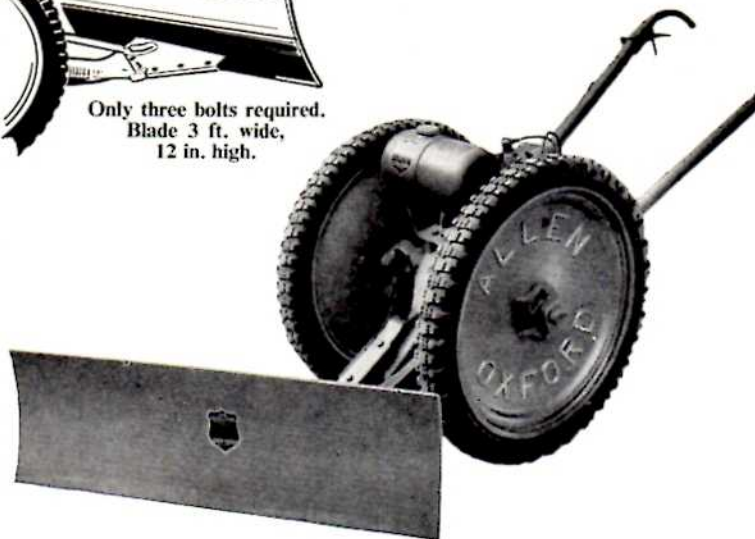
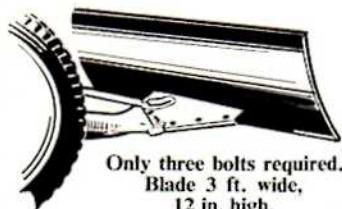
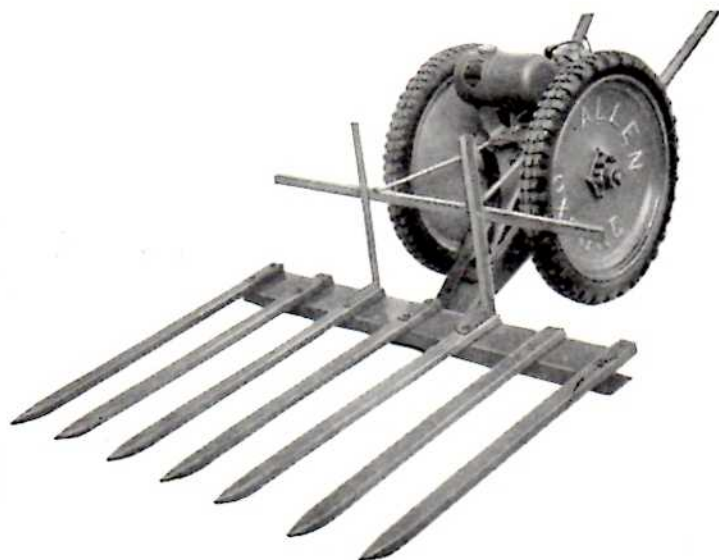
The ALLEN

HAY SWEEP & SNOW PLOUGH

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 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. 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. Effective clearing width 2 ft. 7 in.

*The ALLEN Scythe is an
all-the-year-round worker*



The ALLEN-S.T.

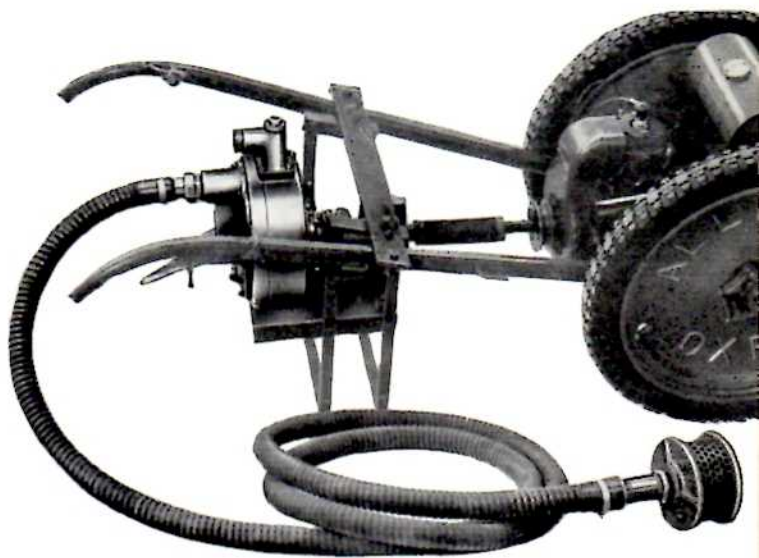
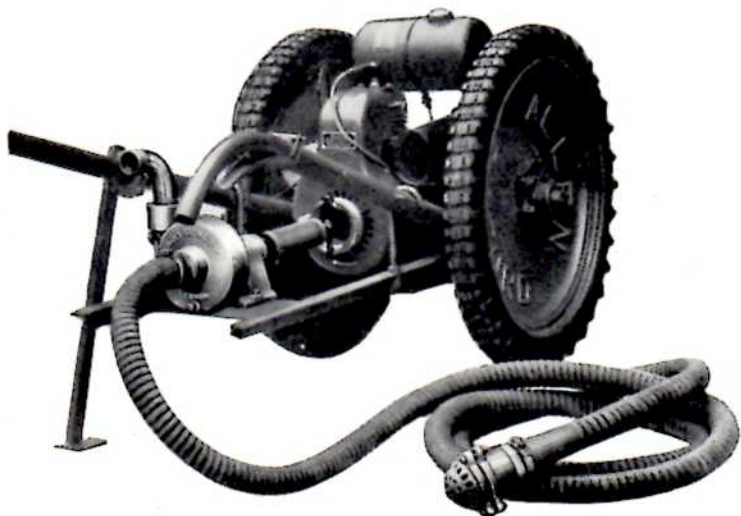
This light pump can be fitted quickly and easily to the Allen Scythe. Its capacity is such that it can be used for a large variety of work, pumping reasonably clean water, such as emptying small fish ponds, lawn spraying, or irrigation purposes.

It is supplied with 15-ft. suction hose, foot-valve and strainer, and at a 30-ft. head (say 10-ft. suction and 20-ft. delivery) will give an output of 700 gallons per hour.

The ALLEN-PEGSON

This heavy-duty pump has been designed for continuous operation, and is capable of pumping liquids containing up to 25 per cent solids. It can deal with lifts up to 20 ft. to 25 ft. and will force water to a height of 30 ft. to 40 ft. with a capacity of 2,400 gallons per hour at a total head of 15 ft.

Entirely self-priming, once the pump is filled with water it will draw up to its maximum lift and if the water falls below the strainer the water will be lifted again as soon as the strainer is covered without any re-priming of the pump.



The ALLEN-GIRDLESTONE

This efficient, dependable centrifugal pump is suitable for medium duty work such as emptying a swimming pool, cellars or trenches; irrigation; filling cattle troughs and tanks, etc.

It is capable of delivering 1,850 gallons at a total head of 10 ft., converting the Allen Scythe into a completely mobile pumping unit.

The suction hose is of sufficient length to allow water to be reached when considerably below the level of the ground. 1½-in. delivery hose of any type can be used, and a gate valve can be supplied as extra, if required.

The ALLEN

TRAILER SEAT



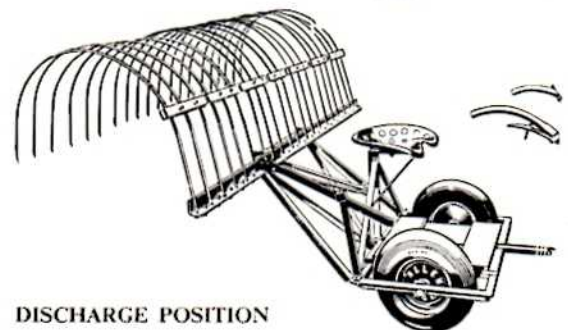
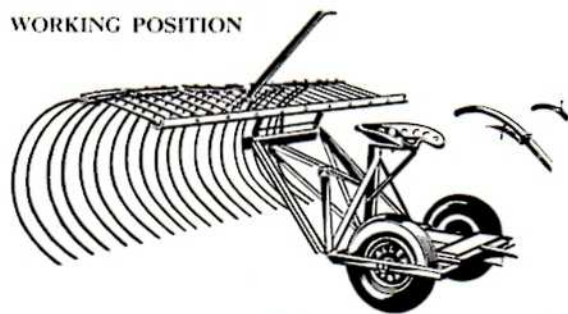
By fitting a Trailer Seat, an Allen Scythe is converted into a miniature farm tractor, capable of performing the most varied tasks with the utmost economy and efficiency.

The sturdy Villiers engine will propel the machine, Trailer Seat, and attachments as well as the operator. Though small, it is a tireless performer.

A single bolt connects the Trailer Seat securely to the Allen Scythe. Of generous proportions, it will accommodate easily an operator weighing 300 lb. The foot-rest is adjustable, also the seat, which can be set forwards or backwards to suit individual needs. Mounted on 4-in. by 16-in. pneumatic tyres, the Trailer Seat is very comfortable to use. Long hours can be worked by the operator without fatigue.

HAY

WORKING POSITION



DISCHARGE POSITION

The Trailer Seat 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.

AND TRAILER ROLLER

Here is yet another example of the remarkable adaptability of the Allen Scythe.

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. cast-iron Rollers and replaced. A first-rate motor Roller with a rolling width of 2 ft. 8 in. and an approximate weight of 350 lb. thus becomes available. The lusty engine will pull the Roller without complaint over any normal surface.

It 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.

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.



RAKE



The ALLEN

ROTARY BROOM

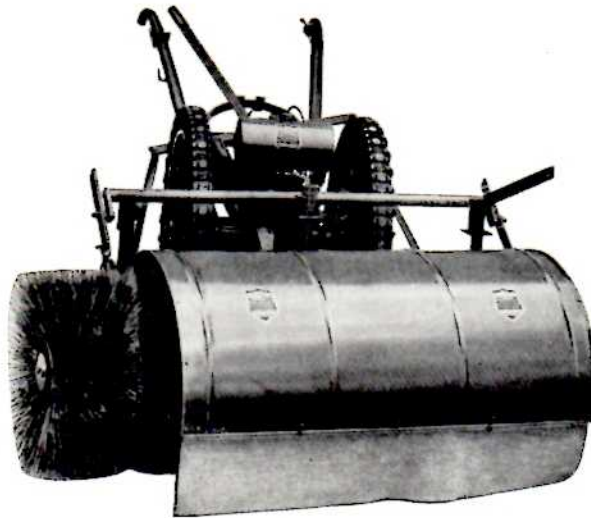
Sweeping by ordinary methods is a slow, tedious task and the results are rarely satisfactory. With this Rotary Broom, yards, drives and footpaths, as well as streets and parade grounds, can be cleanly swept with practically no effort.

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. 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.



Reversible Broom with
Guard and Extension.

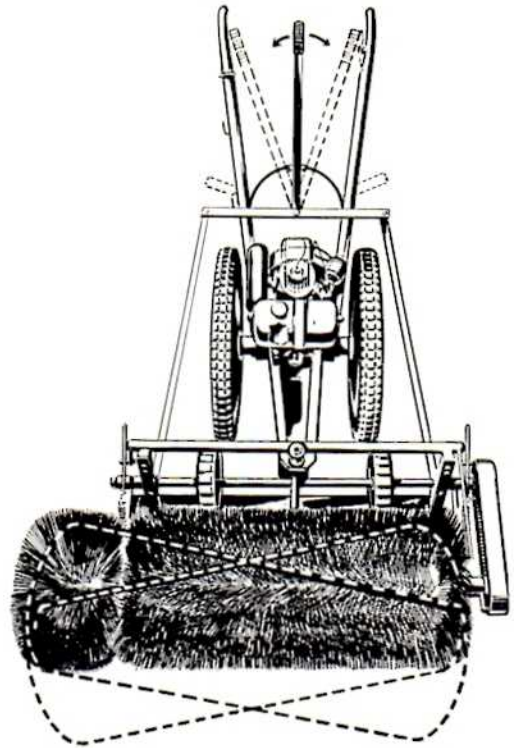


Fixed Angle Broom.

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.

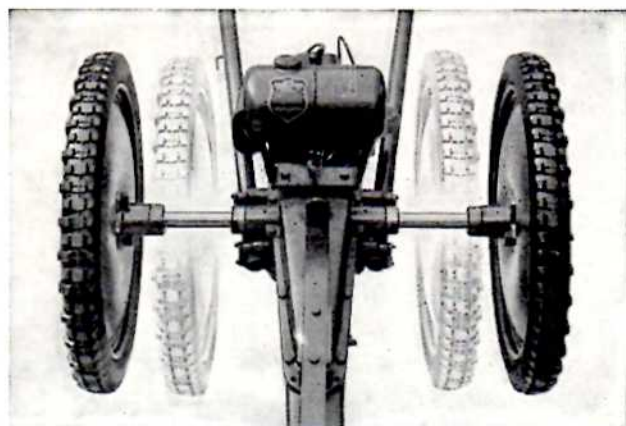
The sweeping pressure of the Broom can be varied from a light brushing to a heavy scrubbing action. A simple adjustment is provided to retain a constant pressure on the friction wheels and compensation for bristle wear is obtained by side links, thus ensuring even wear across the brush.



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



EXTENDED AXLE



A longer 3-ft 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.

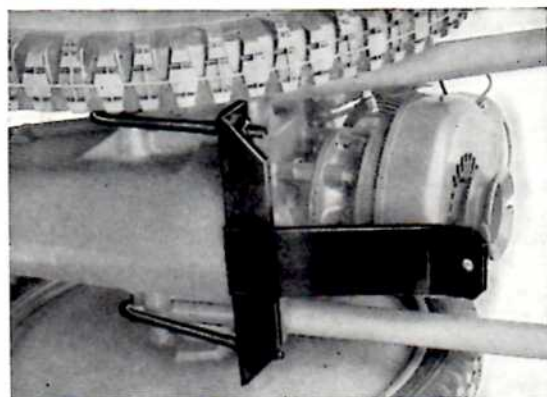
WATERPROOF COVER

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.



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.

SWATH BOARD



The Swath Board is constructed from $\frac{1}{2}$ -in. 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.

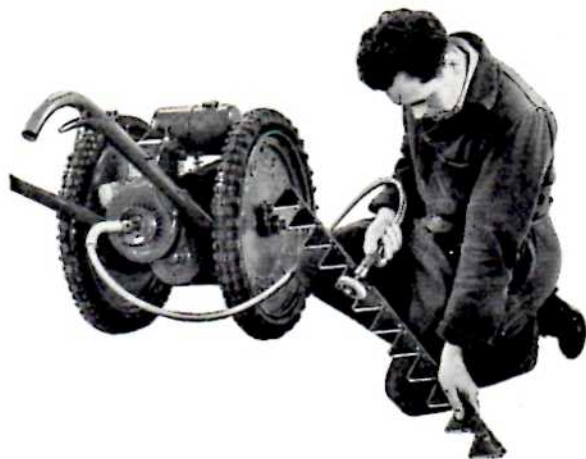
The Swath Board is supplied for either right- or left-hand fitting and the long and short deflector arms may be bolted to the most suitable hole and set at the best angle to suit the crop being cut.



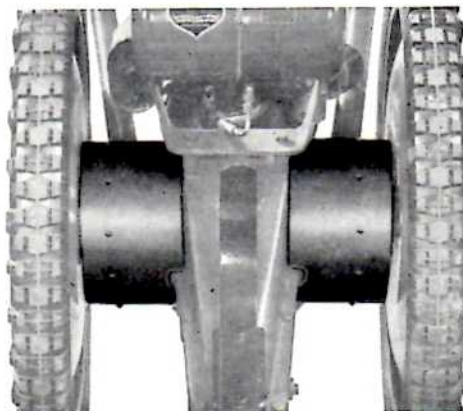
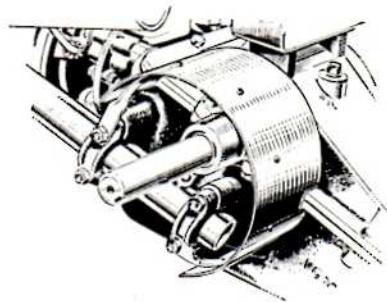
KNIFE GRINDER

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. high-speed emery wheel capable of grinding the hardest sections. Many other uses for the Grinder will readily suggest themselves.

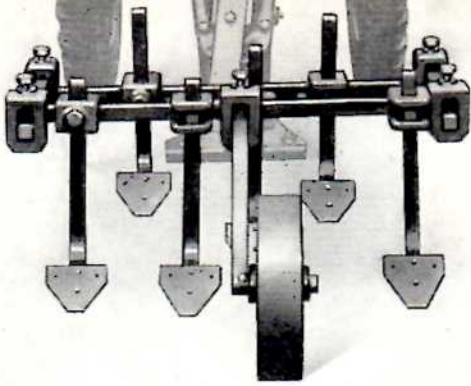


FORESTRY GUARDS

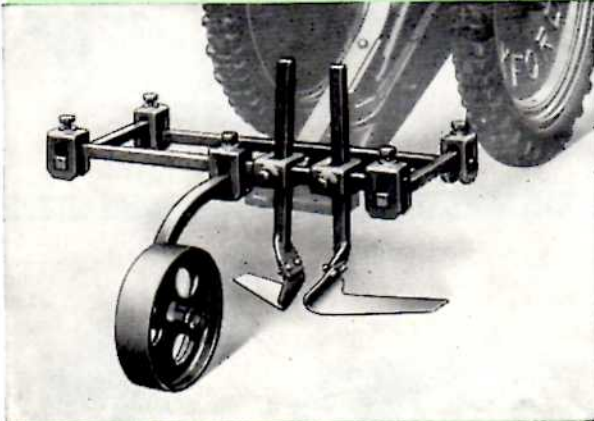


These special Forestry Guards have been developed for use with Allen Scythes employed for cutting very heavy growths of weed, bracken, bramble, or elephant grass, particularly on mountain sides and in tropical countries. Fitted with Forestry Guards, Allen Scythes have proved very effective where mechanical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

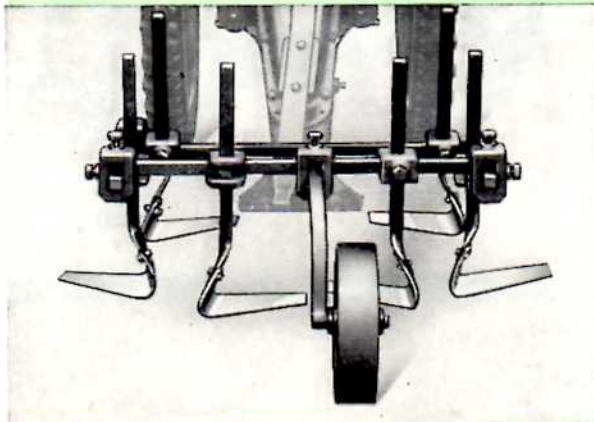
They are fitted as standard on Model "TS" machines.



3-in. 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



The ALLEN

LIGHT HOES AND SEEDERS

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. square section steel enable the hoe blades, cultivating tines, sweep or seeders, to be attached in a few minutes. The cutting assembly 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.

The front mounting of the Hoe, using the depth wheel as a pointer, enables hoeing to be carried out as soon as the line of seedlings becomes visible, cleaning the ground before weeds have a chance to overtake the plants in their early stages of growth. This advantage can only be obtained with the front-mounted Allen Precision Light Hoe.

Standard tool bars are 2 ft. in length but a 3-ft. tool bar is available. Either may be off-set as required. The Light Hoe is supplied with two $7\frac{1}{2}$ -in. hoe blades, but these are also available in alternative sizes of 6-in. or 9-in.; 3-in. cultivating tines, and an 8-in. sweep, complete the range of tools we can offer.

These fitments completely eliminate tedious hand labour, and greatly speed up the essential work of hoeing, especially where large areas are concerned.

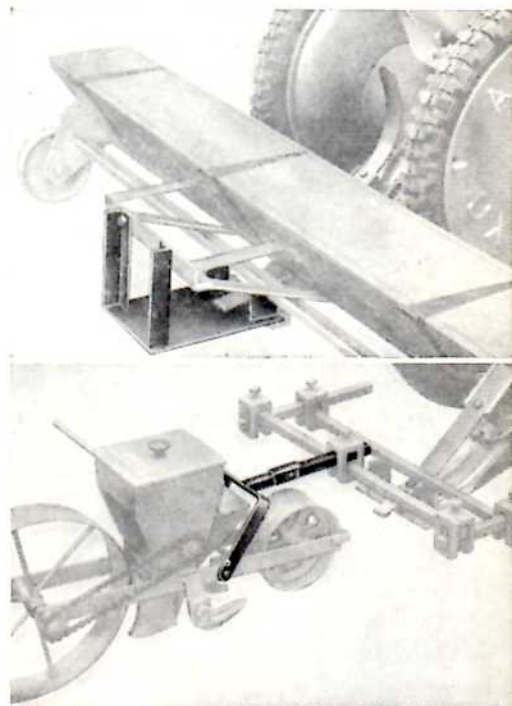
Thousands of Light Hoes are now in use with Allen Motor Scythes all over the world, and hundreds of users have written to express their appreciation of this popular attachment.



The Allen "Jalo" Seeder, as illustrated, is attached to the tool bar of the Light Hoe, and, being carried in front of the machine, enables the operator to follow a given line with absolute precision. It opens the drill to the required depth, sows the seed, and covers the row in one 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.

Brackets to suit other makes of seeders and fertilizer distributors are also available. Two of these are illustrated, and we shall be pleased to send details and prices on request.



*Your ALLEN
need never
be idle*

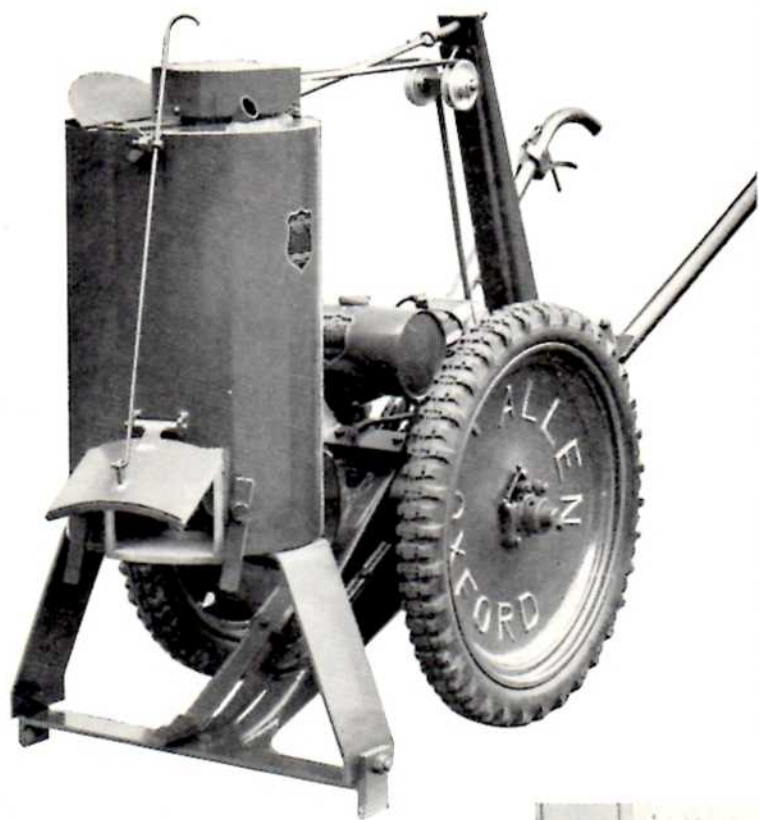
The Allen "Jalo" Seeder attached to Hoe tool bar.



The Allen Compost and Liquid Mulch Attachment has been designed to fulfil a long-felt want among horticulturists, and when fitted to the Allen Motor Scythe makes a mobile unit which can be used in any part of the garden.

With the ever-increasing shortage of animal manure, more and more horticulturists are being forced to make and use compost. The Allen Compost Attachment quickly shreds all waste matter, including tough brassica stems, bracken, straw, leaves, weeds, fish and household waste, etc., thus ensuring rapid conversion in a few weeks to sweet-smelling compost. When stacked, material which has passed through the Allen Composter quickly heats up by the swift action of the friendly bacteria.

In the same way, by using the Allen Composter, liquid mulching is made an easy task. Spread around the plants about a quarter of an inch thick, it will quickly dry off to form a tough skin which, while allowing rain and dew to penetrate, will retain moisture under the surface by protecting it from the hot rays of the sun, thus assisting to keep the roots of young plants cool and moist. Earthworms thrive and multiply under the mulch, and during the season will convert much of it into magnificent humus.



The drive is from the engine by V belt over guide pulleys to a vertical shaft on ball bearings sealed for protection against liquids. This vertical shaft carries a series of sharpened steel blades, which rotate in a circular steel tank specially designed to allow continuous operation. A lid is fitted at the top of the tank for ease of feeding with a wide range of material, and a pipe fitting is provided for the application of water from a hose. A water-tight door is mounted at the bottom which may be closed tightly by means of two levers, or adjusted to any position with the rod and wing nut.



The
ALLEN

CYLINDER MOWER



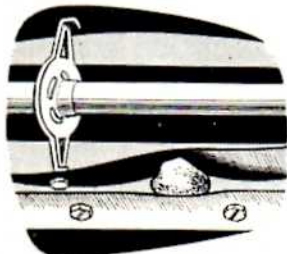
After getting the really rough growth under control by means of the Allen Motor Scythe, many councils and private users then desire to achieve an even finer finish than can be obtained with the standard reciprocating cutting unit. The lawn mower used on fine turf is not suitable for this purpose, and the new front-mounted Cylinder Mower for the Allen Scythe has been designed to fill the gap.

It consists of a special cutting cylinder having two blades only on the well-known Flexa principle, and runs at a speed which allows full advantage to be taken of an entirely open-fronted type of construction, enabling the mower to cut many different types of growth which cannot be faced by the ordinary motor mower.

The flexible blades and shear plate are not subject to damage through encountering stones, sticks, or other rubbish. The attachment is of robust construction, specially designed for tough work. Regrinding is entirely unnecessary, and blades and shear plate can, when required, be replaced easily by unskilled labour.

The Cylinder Mower is ideal for use on roadside verges, steep banks, outfields, and in all cases where it is desired to reduce rough grassland to a "lawn-like" finish.

The cutting cylinder is offset to allow overlapping of kerbs or grass edges, and the whole unit is fitted to the Allen Motor Scythe by only two bolts and two "U" clips.



Showing how the blade and shear plate spring apart to obviate damage when an obstruction is encountered.



The ALLEN

HORTICULTURAL PLOUGHING ATTACHMENT



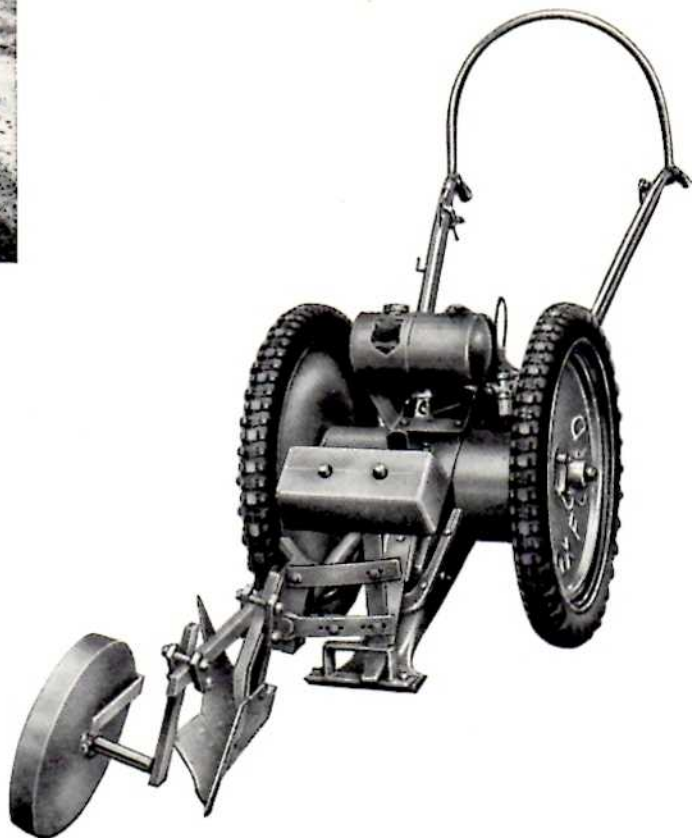
A special handlebar extension, which can quickly be fitted, is supplied with the Horticultural Ploughing Attachment, enabling the operator to walk comfortably erect whilst using the Plough. This handlebar extension can be fitted in various positions, to give the best possible setting for any individual operator.

The thrust of the Plough is taken by a stiff bar attached below the centre line of the axle, allowing full use to be made of the drive on both wheels.

The Allen Horticultural Plough Attachment is the result of many years of research, and is unique in being placed ahead of the machine in full view of the operator, where, in numerous trials, it has proved its superiority over the orthodox rear mounted type.

In this position, besides placing the weight where required, it has the great advantage of increasing wheel adhesion on harder work.

Ploughing can be carried out in good conditions to a depth of 6 in. The Plough is fully adjustable, and can be set to individual requirements. Under average going half an acre can be ploughed in six hours.



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.

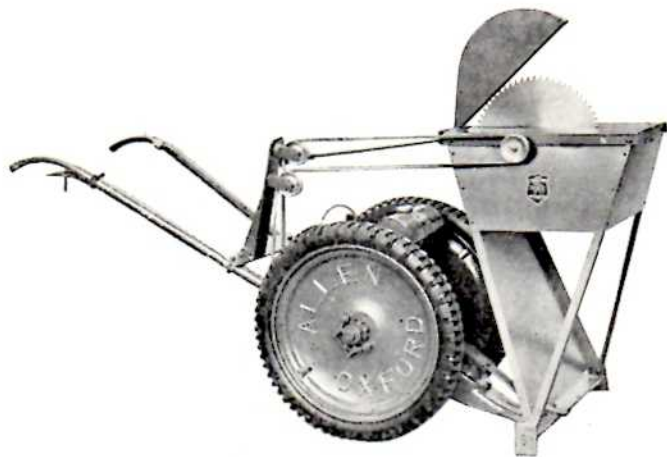
A special adjustable guard is fitted which can be closed down completely, thus guarding the Saw from exposure when not in use. The guard can be raised as far as may be necessary to allow the material to be cut, yet giving the greatest protection to the operator.



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

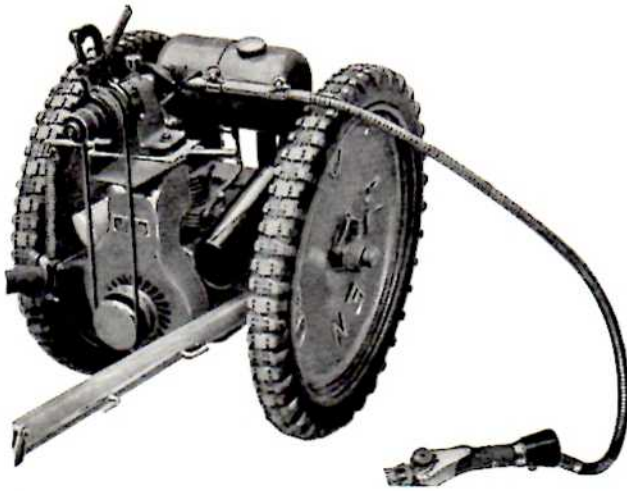
Your Allen Motor Scythe carries out this work just when needed and when perhaps the machine would be otherwise idle.

A boon to every existing or prospective Allen Scythe owner.



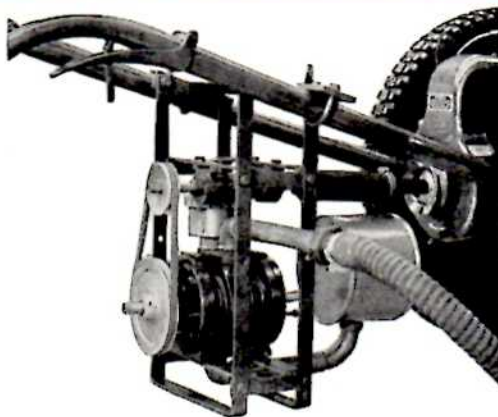
The ALLEN

SHEEP SHEARER



An Allen Sheep Shearer is not dependent on electricity for its operation, and will do useful work on any farm, particularly on hill-side farms or 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 are of a well-known make, spares for which are obtainable throughout the world.

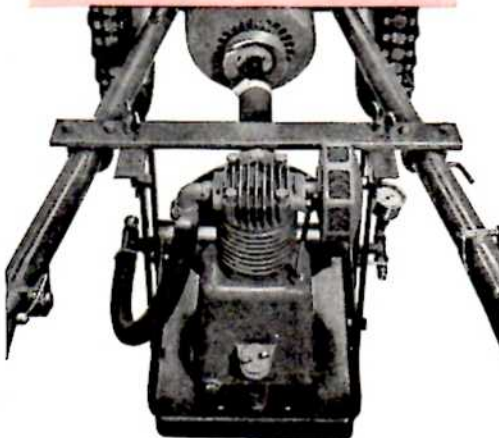


GASCOIGNE VACUUM PUMP

A standard Gascoigne "A" Vacuum Pump with silencer and 15-ft. wire-wound suction hose, is mounted on a self-supporting cradle, with counter-shaft and standard rubber coupling.

Capable of operating 2-4 milking pails for a small herd, or indispensable as a standby.

HYMATIC AIR COMPRESSOR ATTACHMENT



Specially designed in conjunction with the Hymatic Engineering Co. the Air Compressor is supplied with special cradle, flexible rubber coupling and adaptor, together with an air receiver, relief valve, pressure gauge, draw-off and drain tap.

The Compressor Attachment may be fitted literally in the matter of a few moments, and is ready for pumping up tractor or car tyres, paint spraying, pressure greasing of tractors and implements, the operation of pneumatic chisels, drills and many other tools.

The capacity of this Pump is 7 c.ft. per minute at 80 lb. per square inch, giving it ample air supply for a wide range of uses.

The ALLEN

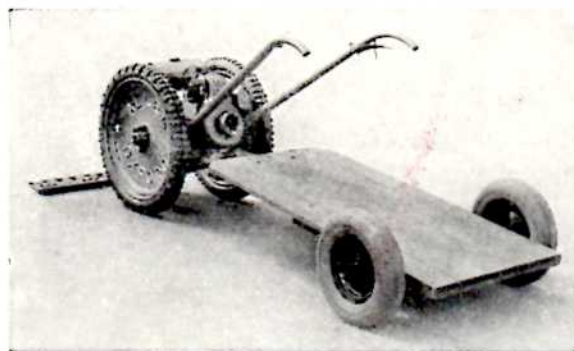
LIGHT TRAILER

This handy light trailer can be used for a multitude of jobs, and will be found indispensable on any smallholding, poultry farm, estate, etc.

Platform dimensions are 4 ft. 6 in. long by 2 ft. 6 in. wide; width over wheels 3 ft.; ground clearance 9½ in.; carrying capacity 3-4 cwt. distributed load.

Easily adapted to individual requirements, and of sturdy construction, the trailer is mounted on 4 in. by 16 in. pneumatic tyres, and attached by drawbar either to the scythe itself, or to the Trailer Seat, forming a miniature "low-loader".

Why struggle to push or carry loads when your scythe can do the work?



*There is always a job
for your ALLEN!*



SPRING

The time when the earth suddenly comes to life after the dull days of winter, when the use of your Allen is indispensable. Ploughing, cultivating, sowing the crops, hoeing, shearing the sheep and mowing the lawns, etc.



SUMMER

This is unquestionably the busiest time and long as the days may be they are not long enough without the aid of an Allen to carry out the many necessary tasks such as Grass Cutting, Hedge Trimming, Water Pumping, Hay Raking, etc.

*There's always a job
for your ALLEN*

AUTUMN

The days shorten, the leaves begin to fall, but the jobs for your Allen are still legion, sweeping up leaves, ploughing to let in the winter frost, rolling the lawns, etc.



WINTER

The short, cold days are here, and snow is more than a possibility—still more work for your Allen, ploughing away the snow, sawing up logs for the winter fire and spraying the fruit trees with winter wash.



Manufacturers' Warranty

THE goods supplied by the Company shall be accepted by the purchaser subject to the conditions hereinafter mentioned and subject to the following express warranty, which excludes all warranties, conditions and liabilities whatsoever, whether statutory or otherwise, which might exist against the Company, but for provision, viz.:

In the event of any defect being disclosed in part or parts of the goods and if the part or parts alleged to be defective are returned to the Company's works carriage paid within six months after delivery, the Company undertakes to examine same, and should any fault due to defective material or workmanship be found on examination by the Company, it will repair the defective part or supply free of charge a new part in place thereof.

The Company's responsibility is limited to the terms of this guarantee, and it shall not be answerable for any contingent or resulting liability, or loss arising through any defects.

This guarantee does not relate to defects caused by wear and tear, misuse or neglect, or to the defects in any parts which have been altered after leaving the Company's works.

JOHN ALLEN & SONS (OXFORD) LIMITED issue no warranty of the goods except as stated herein. This warranty is limited to the despatch to the purchaser without charge except for transportation of the part or parts, whether new or repaired, in exchange for those acknowledged by the Company to be defective. The purchaser shall send to the Company's Works such part or parts as are alleged or claimed to be defective promptly on discovery of the claimed defect. Transportation is to be prepaid by the purchaser, and said part or parts to be properly packed for transit and clearly marked for identification with the name and full address of the purchaser and with the maker's number of the machine from which the said part or parts were taken.

The purchaser shall post to the Company at its works on or before despatch of such part or parts alleged to be defective, a full and complete description of the claim and the reasons therefor.

The Company does not guarantee the specialities of other firms, such as magnetos, carburettors, etc.

The judgment of JOHN ALLEN & SONS (OXFORD) LIMITED in all cases of claims shall be final and conclusive, and the purchaser agrees to accept its decision on all questions as to defects and to the exchange of part or parts. After the expiration of six days from the despatch of notification of the Company's decision, the part or parts submitted may be scrapped or returned, carriage forward, by the Company.

The manufacturers reserve the right to alter design or specifications without notice.



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

Telephone

OXFORD 77 155 (three lines)

Telegrams

"ALLENSON" OXFORD

JOHN ALLEN & SONS (OXFORD)

LIMITED

COWLEY, OXFORD

Telephone: Oxford 77155 (3 lines)

Telegrams: ALLENSON, OXFORD



PRICE LIST No. 78

ALLEN SELF-PROPELLED MOTOR SCYTHE MODEL "TS"

	£	s.	d.
Generally as specification for Model "T", fitted with mechanical Servo clutch withdrawal mechanism; longer axle; Forestry Guards; and Allen patent adjustable pads	82	15	0

ALLEN SELF-PROPELLED MOTOR SCYTHE MODEL "T"

	£	s.	d.
Fitted with Villiers Mk. 25C two-stroke engine, central or offset 3-ft. or 2-ft. cutting assembly: complete with full set of tools	78	15	0

ALTERNATIVE EQUIPMENT FOR "TS" OR "T" FITTED IN PLACE OF STANDARD EQUIPMENT

	£	s.	d.
4-ft. Standard cutting assembly extra	2	5	0
Long axle for use on railway embankments "	2	7	6
Special oil-type air cleaner (two-stroke machines) "	1	15	0
Special oil-type air cleaner (four-stroke machines) "	2	4	6
Villiers Mk. 25 four-stroke engine (256 c.c.) "	14	0	0
Villiers Mk. 15 four-stroke engine (147 c.c.) "	8	10	0
Universal Foot (suitable only with 3-ft. centre cutting assembly) "	4	15	0

OPTIONAL ACCESSORIES

	£	s.	d.
3-ft. Spare Blade, right-, left-hand or centre cut	1	5	0
2-ft. Spare Blade, centre	1	1	6
4-ft. Spare Blade, centre	1	11	6
Swath Board, right- or left-hand	1	11	6
Waterproof Cover	3	5	0
Forestry Guards (fitted as standard on "TS" machines) ... per pair	1	5	6

CUTTING EQUIPMENT FOR FITTING TO EXISTING MACHINES

	£	s.	d.
3-ft. Standard cutting assembly complete, central, right- or left-hand offset	7	15	0
4-ft Standard cutting assembly complete, centre cut	10	5	0
2-ft. Standard cutting assembly, complete, centre cut	6	5	0

	£	s.	d.
CONVERSION SET for converting Model "T" machine (i.e. serial number 12,000 and up) to Model "TS"	7	0	0

NOTE. This price does not include fitting, and presumes that Dealers will modify the right-hand handlebar in their own workshop. Alternatively, we will do this for a nominal charge of 5/- nett, carriage extra.

If a new "TS" right-hand handlebar (part No. 848) is supplied, it will be charged at current list price, namely	2	7	6
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SEE OVERLEAF FOR ATTACHMENTS

**ALLEN SELF-PROPELLED MOTOR SCYTHE
ATTACHMENTS**

The following are suitable for all machines numbered 1,727 and up (i.e. Mark 2, Model "TS" and "T".)

	£	s.	d.
Spray Pump, ready for attachment, without spraying equipment or pressure gauge	27	15	0
Basic Set of Spraying Equipment, consisting of 4-ft. lance, 30-ft. spraying hose, and 15-ft. suction hose, with strainer and all connections	7	2	6
Pressure Gauge (optional), part No. PV. 18	2	0	0
200 Watt Generator, with Frame, Coupling and Support Leg, ready for attachment to Motor Scythe ...	18	5	0
Powered by above Generator:—			
Hedge Trimmer	16	0	0
15L Grassmaster (7-in. blade and long handle)	12	0	0
15F Grassmaster (4-in. blade and long handle)	12	0	0
Edgemaster	15	0	0
400 Watt Generator, with Frame, Coupling and Support Leg, ready for attachment to Motor Scythe ...	20	15	0
Powered by above Generator:—			
Hedgemaster	33	0	0
Precision Light Hoe	4	10	0
For use with above Hoe:—			
Handlebar Extension (part No. 798)	18	6	
Marker (part No. AB.52)	1	7	6
" Jalo " Seeder, double wheel with hinged stem	5	15	0
Allen-Girdlestone Centrifugal Pump, with 15-ft. suction hose, foot valve, and strainer	28	15	0
Gate Valve for above (optional) part No. PV.93	2	10	0
1½-in. Delivery Hose, in 15-ft. lengths (part No. PV.122)	2	17	6
Knife Sharpener	7	17	6

IMPORTANT : WHEN ORDERING ANY OF THE ABOVE ATTACHMENTS IT IS ESSENTIAL TO STATE WHETHER REQUIRED FOR A MARK 2 MACHINE (Nos. 1,727 to 12,000), OR A MODEL " T " (No. 12,000 AND UP).

ALL ATTACHMENTS FOR MODEL " TS " ARE EQUALLY SUITABLE FOR MODEL " T "

**ALLEN SELF-PROPELLED MOTOR SCYTHER
ATTACHMENTS (Cont'd.)**

The following are only suitable for machines numbered 12,000 and up, additional to those shown opposite :—

	£	s.	d.
Carrier, complete with bracket and wheel (for two-stroke machines)	11	10	0
Carrier, complete with bracket and wheel (for four-stroke machines)	13	10	0
25-gallon Tank, with Lid, to fit Carrier... ..	6	5	0
Counterpoise (for Hedgemaster)	14	0	0
Hay Sweep	5	10	0
Snow Plough	3	0	0
Trailer Seat and Drawbar	15	5	0
Trailer Roller and Drawbar	27	0	0
Set of Four Rolls to convert rubber-tyred Trailer Seat to Roller	16	15	0
Drawbar only (two-stroke machines)	18	0	0
Drawbar only (four-stroke machines)	1	5	0
Allen-Pegson Centrifugal Pump, with 15-ft. Suction Hose, Couplings and Strainer	48	10	0
Allen-Gascoigne Vacuum Pump, with Silencer, 15-ft. Suction Hose and Couplings	47	0	0
Spray Boom	16	0	0
Low-loading Trailer	10	0	0
Standard Broom Attachment for use with Motor Scythe	37	0	0
De-luxe Reversible Broom Attachment for use with Motor Scythe	41	0	0
Complete Self-Propelled Sweeping Unit consisting of Model "T" Motor Scythe (without cutting mechanism) and fitted with Standard Rotary Broom	108	0	0
Complete Self-Propelled Sweeping Unit consisting of Model "T" Motor Scythe (without cutting mechanism) but fitted with De-luxe Reversible Broom	112	0	0
Extension Broom for sweeping close to obstructions (if ordered at the same time as any above model) extra	3	2	6
Dust Shield to fit all Models extra	5	10	0
Horticultural Plough	14	10	0
Universal Foot complete with rocker spring, new type pads and spare blade	7	10	0
Forestry Guards per pair	1	5	6

ALL ATTACHMENTS FOR MODEL "TS" ARE EQUALLY SUITABLE FOR MODEL "T"

**ALLEN SELF-PROPELLED MOTOR SCYTHE
ATTACHMENTS (Cont'd.)**

The following are only suitable for machines numbered 40,000 and up, additional to those shown on preceding pages :—

	£	s.	d.
Sheep Shearer	28	17	6
Circular Saw complete with Saw Bench	25	0	0
Compostor Attachment	37	10	0
Allen-Hymatic Air Compressor, with Air Receiver, Pressure Gauge, Relief Valve, and Drain and Draw-off Taps	40	0	0
Rectifier, essential for use with Air Compressor when paint spraying	12	0	0
Allen-S.T. Centrifugal Pump, with 15-ft. Suction Hose, Foot-valve and Strainer	17	10	0
Cylinder Mower, 30-in.	29	5	0
" 36-in.	30	10	0
Grass Box for 30-in. model	5	10	0
" " " 36-in. "	5	15	0

TERMS OF BUSINESS

All prices are ex Works, packing and carriage extra.

Cases or crates are chargeable, but will be credited in full if returned in good condition, carriage paid.

We reserve the right to change specifications and prices without notice.

ALL ATTACHMENTS FOR MODEL "TS" ARE EQUALLY SUITABLE FOR MODEL "T"