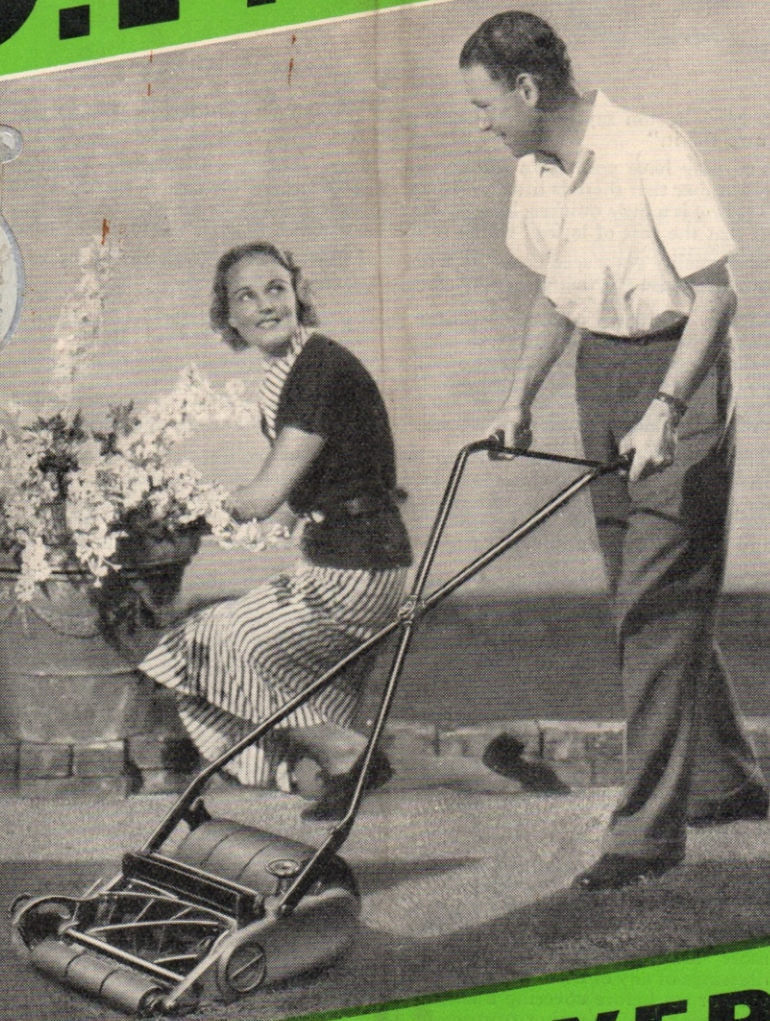




J.P. SUPER



LAWN MOWERS

*Lawns—
their care and maintenance*

THE J.P. ENGINEERING CO., LTD.
MEYNELL ROAD, LEICESTER, ENGLAND
Telephone 27542 (2 lines) Telegrams "Superlamo" Leicester

CARE AND MAINTENANCE *of your lawn*

AS Mrs. Beeton says—"First catch your hare . . ." so "First get your lawn, then care for it."

You may have your lawn already, as you are reading a lawnmower catalogue—but remember that there is little advantage, and far greater expense in turfing a new lawn. Turfing is a little quicker, but you have to pay a good price for good turves, and on top of that the cost of laying, whilst it is often difficult to get a really level surface.

First quality grass seed costs but a tenth of that of turf—and moreover a seed mixture can be chosen which is ideally suited to your garden soil.

LIME. All lawn grasses need lime, as this corrects over-acidity. It breaks up the clay in heavy ground, sweetens medium heavy soil, and further releases in light soil valuable grass foods. You can test for lime by collecting samples of soil, and placing about half-an-ounce in a glass jam pot. Cover the soil with water, and add two teaspoonsful of spirit of salt. If lime is present, you will see a gentle bubbling. If the mixture does not effervesce—your lawn needs a cautious dressing of powdered lime.

The degree of acidity of soil can be determined by testing it in "Universal Soil Indicator." but the conclusions to be drawn from the reactions seen are really a matter for the consulting expert. Some soil is over-alkaline, and this is corrected in various ways, *e.g.*, by sulphate of ammonia, or sulphate of iron. This latter tends to harden and bind the soil, and this is corrected by mixing with superphosphate, rape meal, etc.

WEEDS. Plantains, daisies, moss, and other weeds are the bane of many a gardener's life. Weeds are only cured by the study of cause and effect, not by back-breaking hand-digging. For weeds may be due to an over-moist soil, mosses to lack of health and undernourishment of the grass itself, whilst again bare patches are usually due to soil lacking in certain constituents or to drainage: the grass seed is often still there, but dormant.

Even the cutting action of a mower may affect the health of grass, and it is as well to make sure your grass is not being maltreated.

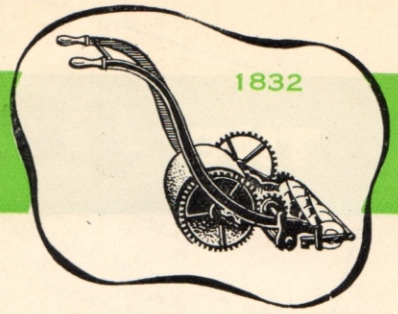
So, before flying to lawn sand or manures, or patent weed-extermiators, (all of which are good when intelligently used), study the cause. Take the advice of an expert, and only then, when you know the cause of the complaint, begin to apply the correct medicine.

FEEDING. Here again, you cannot nourish your lawn until you know what essential "vitamin" it lacks. Generally, nitrogenous matter is needed. Nitrogen is fed to the soil by chemical fertilizers (such as phosphoric acid, potash, or nitro-chalk, which is excellent on acid soils), or organic fertilizers such as guanos, dried blood, which act more slowly. Many patent fertilizers are excellent, and it is safe to say that *light* dressings of any of these will not do any harm, but it is safer to experiment on a square yard or so, before covering a large area. The best seasons for feeding grass are the Autumn for slow-acting organic fertilizers, and the Spring for rapidly dissolving chemical fertilizers.

MOWING. Beware of bruising, plucking, or tearing the grass, which is inevitable with an inferior mower. For creating good turf, the roller type of mower is ideal, because this provides a gentle rolling action immediately following cutting. This type has the added advantage of mowing right up to the verge.



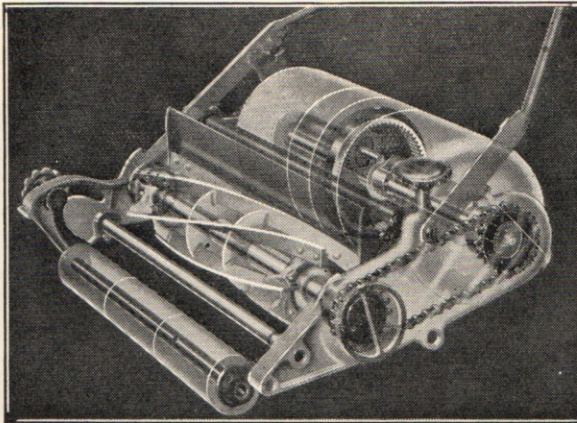
THE EVOLUTION OF THE LAWNMOWER



UNTIL in 1832 a machine for mowing lawns by rotary cutting action was first produced, all mowing was laboriously done by hand with a scythe.

The idea behind this first machine certainly "speeded-up" actual mowing, but it was a clumsy contrivance, and hard to push; the primitive provision for adjustments could not guarantee accuracy, neither did the cutting action give correct *shearing* of the grass.

1921 saw the advent of the mower, which in design, materials, and construction, gave the user the minutest accuracy in adjustments, correct scissor-cutting action, remarkable ease of movement, and—with normal use—a machine to last a lifetime . . . the **J.P. Super lawn mower**. To-day it still stands alone as a machine built throughout on engineering principles, with all working parts—machined to "precision" limits—running on self-aligning double-race ball-bearings and totally enclosed; the "speed-up" gear and other vital parts housed in oil-baths.



And now this latest J.P. achievement!

Adjustments are "spannerless"—simple yet absolutely accurate, a turn of a hand-wheel giving instantly correct cutting contact, and a similar adjustment giving instant variation of the height of the front rollers.

The rotary cutting cylinder, and the shear

blade are so designed and ground, that they meet in perfect cutting contact, the blade of grass is cleanly cut. The "J.P." does not pluck, pull, tear or bruise the grass.

The component parts in every J.P. Lawnmower are subjected to the most exacting tests by engineering and laboratory methods, and the machine as a whole is again most carefully examined before being approved for despatch from the works. Designed and built to give perfect service and long lasting use, and carrying the fullest guarantee against faulty material or manufacture, their prices are within the reach of all who value their lawns.

THE J.P. MINOR MOWER

The ideal machine for small lawns and verges.

SPECIFICATION: All-steel machine-cut noiseless driving gear, with free-wheel action—totally enclosed. Helical 5-bladed cutter and shear blade of highest grade tempered and hardened alloy steel. Handwheel adjustment for cutting contact and front rollers. The machine is protected with a pressed steel cover incorporating a scraper for the rear roller.

Cash prices, complete with aluminium grassbox:—
9 inch, for small lawns, and for verges — £3 17 6
11 inch, for average lawns — — — £4 17 6

All machines are carriage paid, within Railway Companies' usual delivery areas, in Great Britain and Northern Ireland.

Bournemouth, July 4/36.

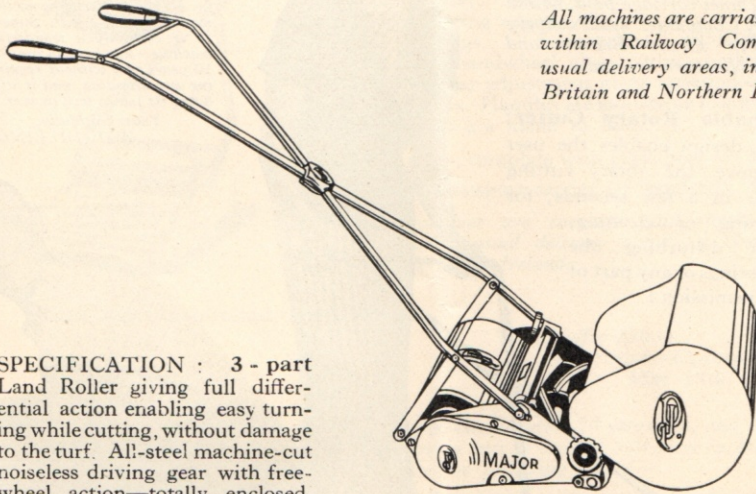
... "I am pleased to inform you that I have purchased one of your 11" J.P. Minor machines ... and find it entirely to my satisfaction, both in the lightness of the machine and the ease with which it runs. I therefore have no hesitation in recommending the J.P. to anyone I know requiring a Lawnmower ..."



THE J.P. MAJOR 12^{IN}

A newcomer to the famous J.P. range—the J.P. MAJOR.

PRODUCED, at a popular price, for easy, accurate mowing of larger lawns, this mower incorporates in its design many of the unique "J.P." features. Will give a close cut and fine finish with ease of movement, and lifelong service. Simple yet accurate adjustments.



SPECIFICATION : 3 - part Land Roller giving full differential action enabling easy turning while cutting, without damage to the turf. All-steel machine-cut noiseless driving gear with free-wheel action—totally enclosed. Helical 5 - bladed detachable cutter, and shear blade of highest grade tempered and hardened alloy steel. The shear blade is reversible—giving a reserve cutting edge. Handwheel adjustment for cutting contact and front rollers. The machine is protected with a pressed steel cover incorporating a scraper for the rear roller.

One size only - - - 12 inch.
Cash price, complete with aluminium grass box - £6 17 6

Detachable Rotary Cutter : "J.P." design enables the user to remove the rotary cutting cylinder for sharpening or cleaning, in a few seconds, without disturbing the ball-bearings or any part of the transmission !

THE LAWN-LOVER'S CALENDAR

Spring

In attempting to get a new lawn into perfect condition for the summer months, beware of over-rolling, and watering too liberally. Young grass is incapable of absorbing the nourishment which would be beneficial in the case of older and more mature plants. Slightly sunken patches can be gradually raised by filling the depression with sand, which eventually raises the turf level to that of the surrounding lawn.

All machines are carriage paid, within Railway Companies' usual delivery areas, in Great Britain and Northern Ireland.

THE J.P. SUPER 12" MOWER

PRECISION-BUILT and perfectly aligned, with moving parts running in oil baths on self-aligning double-race ball-bearings, this machine spins along with such exceptional ease and minimum need for attention, that it fully merits its long-popular description: "The Lady's Machine."

Cash price, complete with aluminium grass box - -

£10 10 0

Two-wheel transport carrier (if required) - £1 10 0

All machines carriage paid, within Railway Companies' usual delivery areas, in Great Britain and Northern Ireland.

Detachable Rotary Cutter: "J.P." design enables the user to remove the rotary cutting cylinder in a few seconds, for sharpening or cleaning, without disturbing the ball-bearings or any part of the transmission!

SPECIFICATION: 3-part land roller, giving full differential action and easy turning while cutting without damage to the turf; the centre section contains the "speed-up" gear totally enclosed in an oil-bath. Highest grade steel 6-bladed detachable rotary cutter. Shear blade is reversible—giving a reserve cutting edge. All parts run on double race ball bearings. "Spannerless" adjustments; one turn of a handwheel gives correct cutting contact, and a similar adjustment gives variation of height of front rollers. Handles are adjustable to suit individual users, and are made to fold.

98, Duckshill Road,
Northwood, Middlesex,
October 28/36.

Dear Sirs,
"I am much obliged to you for so promptly sending me the washers for my J.P. Super. It is certainly a wonderful machine—has been in use for 10 years now without requiring any attention, and is still doing its job as well as ever."

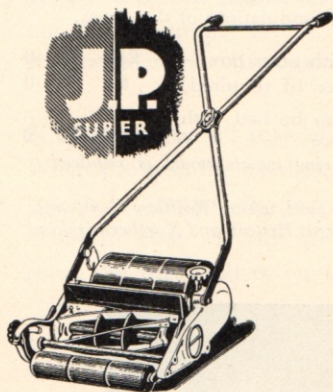
Yours faithfully,
WM. DILLING.



THE J.P. SUPER 16^{IN}

*The big machine
that's easy to push!*

FOR larger areas this mower, because of its friction-free movement, enables the user to give maximum mowing attention with minimum effort.



SPECIFICATION: 3-part land roller, giving full differential action and easy turning while cutting without damage to the turf; the centre section contains the "speed-up" gear totally enclosed in an oil-bath. Highest grade steel 6-bladed detachable rotary cutter. Shear blade is reversible—giving a reserve cutting edge. All parts run on double race ball bearings. "Spannerless" adjustments: one turn of a handwheel gives correct cutting contact, and a similar adjustment gives variation of height of front rollers. Handles are adjustable to suit individual users, and are made to fold.

Cash price, complete with grass box — £12 10 0
2-wheel transport carrier (if required) £1 10 0

All machines are carriage paid, within Railway Companies' usual delivery areas, in Great Britain and Northern Ireland.

Read this unsolicited Testimonial:—

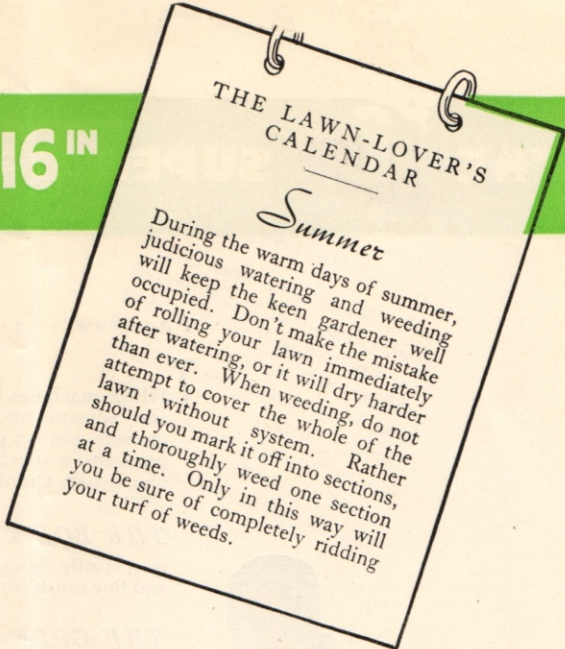
*Toro Coffee Estate,
Fort Portal—Uganda.
May 18th, 1936.*

Dear Sirs,

I purchased one of your J.P. Super Lawnmowers 10 years ago, and this machine has cut one acre of lawn every week without a miss, a total of 520 acres in the 10 years. I am very pleased to bring to your notice the following facts!—

- 1. This mower has never been out of action a single moment during the whole of this 10 years.*
- 2. It has never required repairs, or a single part.*
- 3. The cutters have only been sharpened 5 times during the above period.*
- 4. The mower has been used by raw natives, who can and do smash everything they handle from an anvil to a motor car, but the J.P. Super has beaten them all and is to-day working as perfectly as it did 10 years ago.*

I must say that I am more than satisfied with the record and performance of this mower, especially when I happen to be calling on other estates, and see other makes of mowers out of action, and I am continually asked "Would you have a look at our mower, we can't get it to cut."



THE J.P. SUPER SPECIAL 16" MOWER

For Bowling Greens and Golf Greens.

THESE machines have all the special mechanical features and adjustments of the Standard J.P. Super Lawn-mowers, but are provided with special high-speed cutter gear, and a special "razor" shear blade to give a very fine cut on Cumberland turf.

THE BOWLING GREEN MACHINE

is specially designed to give an exceptionally close cut and fine finish with simplicity yet accuracy of adjustment.

THE GOLF GREEN MACHINE

is constructed as above, but with special front roller assembly which permits of a shortened wheel base enabling the machine to follow all undulations of the green.

Cash price, complete with grass box - £12 10 0
2-wheel transport carrier (if required) £1 10 0

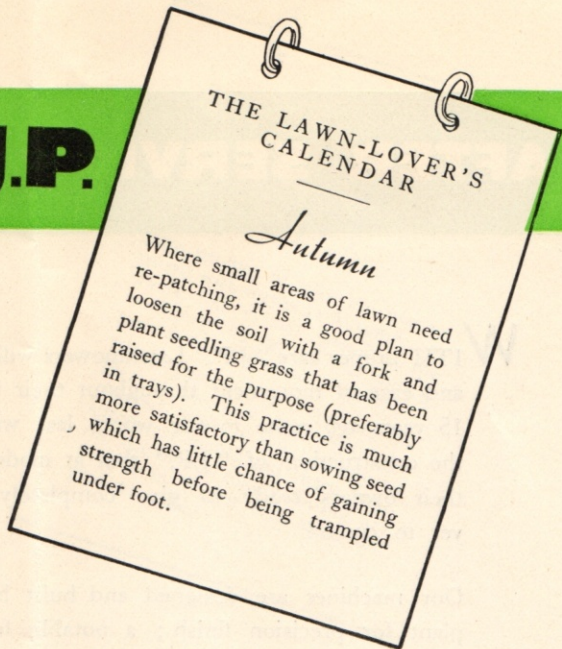
These machines can also be had with
12-inch cut, cash price - £10 10 0

Please say when ordering which model is required.

All machines are carriage paid, within Railway Companies' usual delivery areas, in Great Britain and Northern Ireland.



HOW TO GET THE BEST OUT OF YOUR J.P.



1. **KEEP**—and refer to—the handbook given you with the mower.

2. **In design**, material, workmanship and finish, the “J.P.” is a masterpiece of high-grade engineering. With proper care it will last a lifetime. What is more, attention to the simple instructions in the hand-book will repay you by added ease of working.

3. **To get** its full ease of movement, be sure you *hold* the mower right! When you grip the handles, press them lightly downward, thus imparting “push” through the rear roller, and the mower will glide along with delightful ease. If you give a “lifting” action to the handles, you will press the *front* rollers on to the turf—creating a “braking” action.

4. **Avoid** running the mower over loose gravel paths or “bumping” down stone steps; it is advisable to use a transport carrier (see pages 6, 7 and 8). Make sure your lawn is free from stones or other obstacles.

5. **After using**, a wipe over the whole machine with a slightly oily rag, and removal of wet grass, takes little time and trouble: its new and perfect condition will be preserved to your lasting benefit.

6. **Winter Storage**. Turn the cutting adjustment handwheel back to free the rotary cutter from contact with the shear blade, clean the whole machine with an oily rag; by adjusting the handles the machine can be stored in a minimum of space.

7. **Replacement of parts**. All “J.P.” parts are finished to exact measurements and inspected; owing to the quality of materials and workmanship, need for replacement through wear usually only arises after very lengthy service. When new parts are required, simply quote the “serial” number of your mower (stamped on the frame) and the “part” number (given in the handbook) and your local dealer can obtain it for you by return of post.

AFTER SERVICE WITH THE J.P.

WITH proper care "J.P." Lawnmowers will keep their perfect cutting action and ease of movement throughout their working life; machines we built 15 years ago came to our works last winter for overhaul, and such is the construction of "J.P." that at moderate cost they were returned to their owners ready to give completely satisfactory service for years yet to come!

Our machines are designed and built by skilled engineers with special plant for precision finish; a notable feature of "J.P." Super Lawnmowers being the special manner in which the rotary cutters are ground to give instantly-freed scissor-cutting contact, which not only prevents plucking or pulling of the grass, but also greatly adds to the mower's ease of movement.

Retention of "J.P." advantages is guaranteed if you instruct your local dealer to collect your machine for dispatch to our works when attention is required.

Mowers frequently suffer from the result of neglect and exposure during winter months; and although "J.P." Lawnmowers are a highly efficient engineering achievement, they naturally are susceptible to such neglect.

During the winter months, our exceptional service facilities are at the disposal of all J.P. users.

At moderate cost we dismantle, clean, overhaul and re-enamel the machine, re-assemble, lubricate and thoroughly test before returning it: if desired, we will, after overhaul, store the mower without extra charge, returning it on a specified date in good time for the start of the cutting season.

J.P. dealers all over the country will, on request, obtain from us a free case in which they will pack and dispatch the mower to us; if a dealer is not locally available we can send a case direct.

A great advantage with the "J.P." Major and "J.P." Super machines is that if re-grinding of the cutters only is required, there is no need to return the complete machine; the rotary cutter and the shear blade both being detachable, can be sent to us by parcel post.

ROCK GARDENS AND THEIR PLANNING

ONE of the greatest advances in English gardening was made with the advent of the rock garden. Almost everyone has some corner into which a rock garden can be built, or often it can be constructed as a wall-and-rock, or rock-and-water garden.

SOIL. The bulk of the soil can be of any type: only a little specially selected soil is needed to fill up pockets which will take special plants.

STONE. Use your local stone, and you will save expense, as the heaviest cost on stone is carriage.

There is a wide choice if money is a secondary consideration: surface limestone from Yorkshire or Somerset, old red sandstone, tufa from Derbyshire. If you are building the garden yourself, always try to bed your rocks in the soil as though they were actually growing there, and to place them the "right way of the grain," *i.e.*, as they were originally in their natural setting.

Avoid huge mounds of stone: try rather for a rugged and natural appearance, and avoid symmetry like the plague, unless you want a garden that is stiff and formal.

COLOUR. Your choice is a very wide one, for you may decide on a blend of colourings, or you may plant a pink, or blue, or yellow garden.

There are the dainty pink flowers of the saxifrages with their deep green background, and a fine plant for filling in is the purplish wild thyme. In Spring the white snowdrops will contrast with blue squills, whilst the taller blue and white chinodoxa are most effective.

PLANTS A good climber for rock walls is *ampelopsis veitchii*, whilst the honeysuckles are all very beautiful. There is, for example, *lonicera tellmanniana* (orange and yellow flowers); *lonicera grata* (creamy-white and red flowers) and *lonicera fragrantissima* (creamy-white flowers).

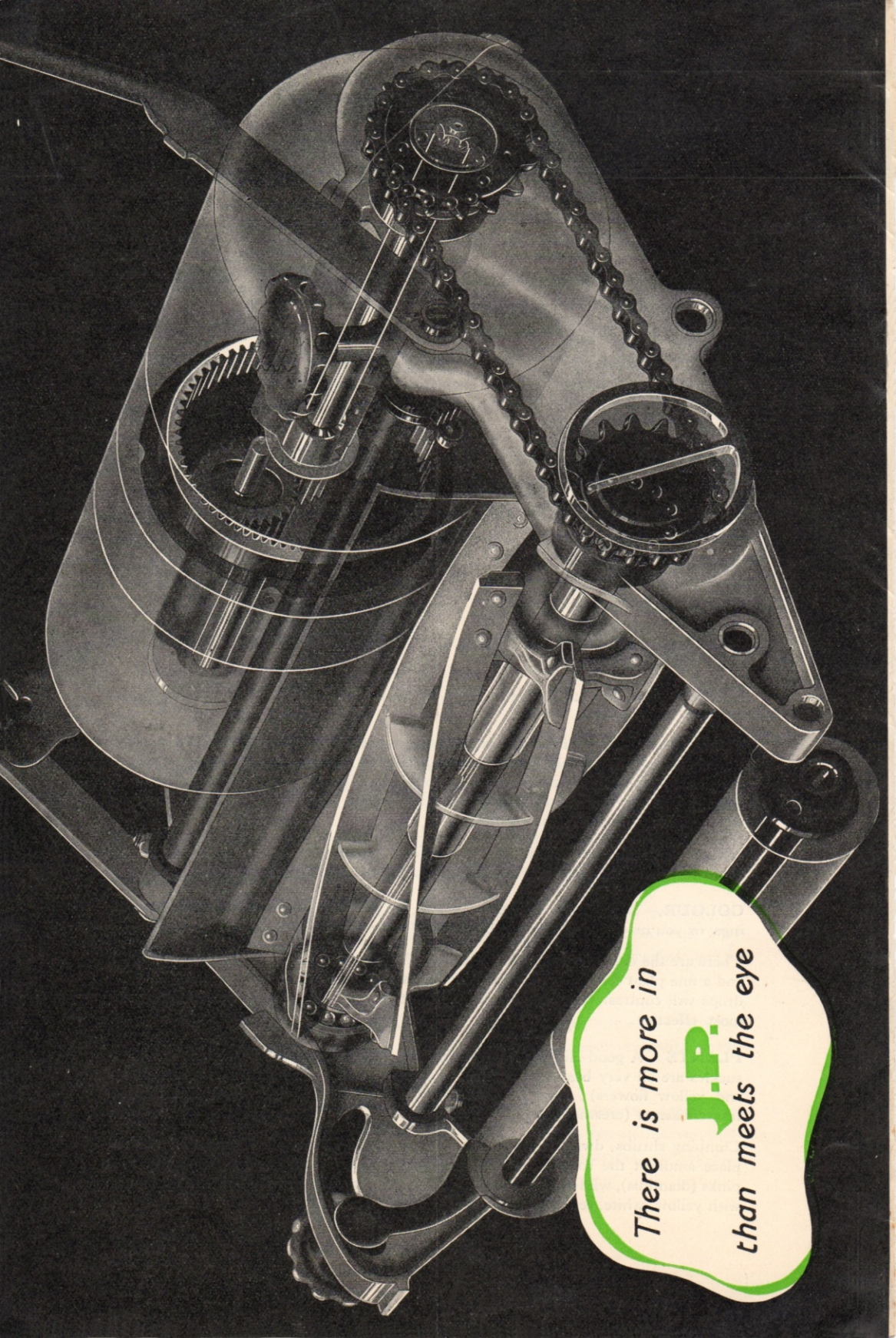
Climbing shrubs, dwarf conifers, brooms, azaleas, and rhododendrons all find their place amongst the rocks of an alpine garden. Other well-known plants are, rock pinks (*dianthus*), wild rosemary, rock geranium, forsythia, sun roses or *helianthemum* with yellow, white, red, pink, or apricot flowers, candytuft.

THE LAWN-LOVER'S CALENDAR

Winter

Bare patches of lawn are best repaired with turves in Autumn, but where this is not possible, the work may be carried out during periods of mild winter weather.

When patching is complete, the area of the new turf should be covered with a top dressing of sifted leaf mould and sharp sand. An occasional rolling during dry periods in Winter will assist the grass to settle.



There is more in

J.P.

than meets the eye