

THE
SIMAR ROTOTILLER 10E

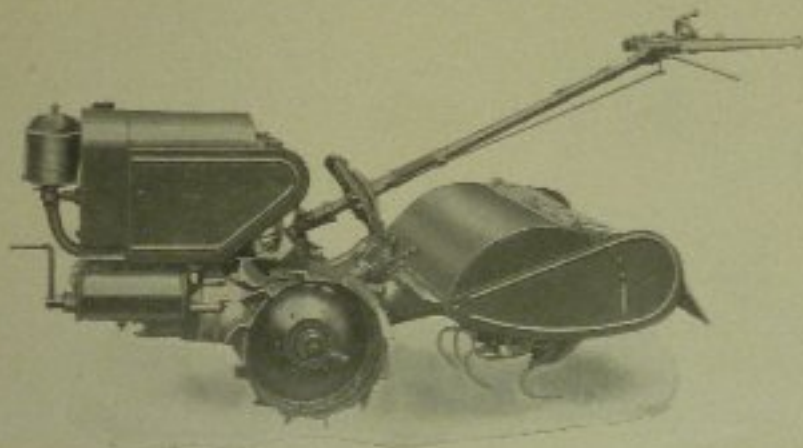
8-10 H.P.

PATENTED MOTOR ROTARY SOIL TILLING MACHINE

ONE OPERATION—TILLING OR CULTIVATING

THE SIMAR ROTOTILLER 10E.

"The Machine which saves labour and makes soil pay."



The Rototiller 10E embodies many features of improvement, certain of which are external, and alter the appearance of the machine. The above illustration depicts the latest model Rototiller. The air filter is now placed in a much more convenient position in front of the radiator, and the maximum height of the machine is in consequence considerably reduced. This represents an important advantage especially when the machine has to work under low-branched trees. The silencer is now placed in a more convenient position on the left hand side of the machine. An auxiliary fuel tank is now provided on the machine, the contents of which constitute a convenient reserve of fuel for emergency purposes. Internally the machine has been considerably improved. The engine has been subjected to improvements, both in design and in choice of material, while the gearing has been re-inforced to the extent of some 50%. In short the ROTOTILLER 10E has been made even more proof than before against the consequences of heavy duty, vibration, rough usage, etc.

SOLE SELLING AGENTS FOR THE BRITISH ISLES:

GEO. MONRO LTD.

(MACHINERY SECTION)

WALTHAM CROSS, HERTS.

Telephone: Waltham Cross 494 and 495.

Telegrams: *Monro, Waltham Cross*

SAVES TIME

SIMAR ROTOTILLER 10

SAVES MONEY

PRINCIPLE (contd.)

the desired soil and when you have worked out the dimensions that suit you, the farmer saves the time and money. The soil was cultivated before the plough was thought of, AND IT WILL CONTINUE TO BE CULTIVATED WHEN THE PLOUGH HAS BEEN LONG FORGOTTEN. THE SIMAR ROTOTILLER CAN DO THIS NOW, AND MEANS TO DO SO FOREVER.

The Simar Rototiller 10 has been designed specially for:

Orchards	Small Field Cultivation
Market Gardens	Forest Cultivation
Nurseries	Small Field Cultivation
Small Holdings	Orchard Cultivation
Private Estates	Landscape Gardening

Efficient Preparation of all kinds of soils.
It is quickly and easily converted into a machine between closely planted crops, owing to its compact construction and low height.



Fig. 1—The Simar Rototiller 10 gives a neat furrow and a fine finish to the soil. The Simar Rototiller 10 is a compact machine which is easily converted into a machine between closely planted crops.



Fig. 2—The Simar Rototiller 10 is a compact machine which is easily converted into a machine between closely planted crops. The Simar Rototiller 10 is a compact machine which is easily converted into a machine between closely planted crops.

SAVES DRUDGERY

SIMAR ROTOTILLER 10

CUTS OUT HARD LABOUR

THE SIMAR ROTOTILLER 10 8-10 H.P. SPECIFICATION

BODY.

Constructed from easily assembled parts. The engine unit. The body assembly unit. The motor gear unit.

The gear unit is made of mild steel material.

ENGINE.

The "Simar" 8 H.P. engine is a 4-cylinder 4-cylinder engine with 4-cylinder engine. The engine is a 4-cylinder engine with 4-cylinder engine. The engine is a 4-cylinder engine with 4-cylinder engine.

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Fig. 3—The Simar Rototiller 10 is a compact machine which is easily converted into a machine between closely planted crops.

IGNITION.

The ignition is a 4-cylinder engine with 4-cylinder engine. The ignition is a 4-cylinder engine with 4-cylinder engine.

CARBURETTOR.

The carburettor is a 4-cylinder engine with 4-cylinder engine. The carburettor is a 4-cylinder engine with 4-cylinder engine.

VARIABLE CARBURETTOR JET.

The variable carburettor jet is a 4-cylinder engine with 4-cylinder engine. The variable carburettor jet is a 4-cylinder engine with 4-cylinder engine.

STATIONARY ENGINE WORK.

The heavy-duty, 10-hp. Power Diesel Engine can be used as a stationary engine, giving up to 9 H.P. at the belt. It can be used for driving machines of all kinds, including rotary mowers and cutters, saw blades, and pumps, blenders or grinders, rollers or other power tools. The "stationary" 10-hp. engine can make attachments being fitted to plant the roller which is mounted on the rear guard, or mowers, lawnmowers, etc.

TINE RENOVATION.

In many of the 10-hp. rototillers with gears, no detent is taken, either to the floor or to the 10-hp. motor, and it is used effectively for the purpose of soil preparation. The design of the rotary presents a series of 14 knives and yields a fine soil cleaning. In the meantime, the extension of the tines to a width of 4 ft. can be obtained, and if the machine is fitted with the large diameter driving wheels an output of about one acre an hour can be obtained.

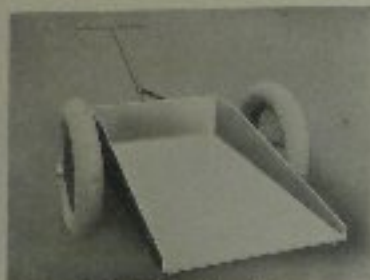


Fig. 15—The Det. Engine Work.

The illustration shows (Fig. 16) how the specially designed protective covering in which the machine can be mounted and which is of very heavy material will when the machine has a load of 1000 lbs. on the motor. The machine then carries a very heavy wheel and is still in operation. This machine is so designed that it can be used independently for the purpose of maintaining tools such as the one shown.

VARIOUS TYPES OF TINES

NORMAL TINES.



Fig. 14

The normal tines, those are fitted as standard to the machine. The primary use of these tines is for deep tilling, but they are equally useful for surface work.

KNIFE TINES.



Fig. 17

Are supplied for cutting and cleaning, weeds, grass, etc. These tines have a sharp edge and cutting edge, and prevent the sliding of the roller. They cut the soil down and are self-cleaning. These tines are also in effective support for heavy rollers of substandard.



Fig. 21—Three different styles of tines, in view of the results obtained in using them on the soil.

CURVED KNIFE TINES.



Fig. 18

A curved type of tine is available which is similar to the knife type, except that it is bent at the end approximately at right angles. These tines will be found in most of the larger rotary mowers. OTHER TYPE 1, curved hook type, which is fitted with the normal tines, while these are necessary in places in which there are many weeds and tall grass. They can also be used where rollers of tines is used in hard soil, run and weeds.

SCUPLING TINES.



Fig. 20

Two different types of tines are supplied for purposes of surface cleaning. The use of the DOUBLE scupling tines leaves no pieces of the ground surface unattended. The scupling tines are very practical for use in deep tilling. As a scupling tine has the best cutting edge, both types will be found very effective for cleaning the surface of the land from weeds, and for cleaning the soil and soil maintenance in that area.

Fig. 22

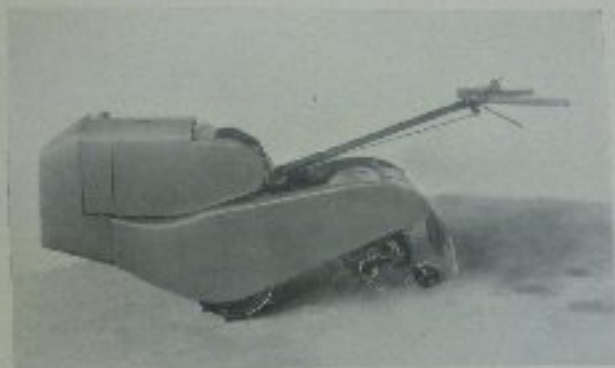
RADIATOR BONNET AND
SPECIAL SIDE WINGS

Fig. 23—The Radiator Bonnet and Side Wings.

A large radiator bonnet, consisting of a sheet of 1/2 inch thick plate, is supplied on request, and is mounted on the side of the tractor. It will effectively protect the radiator from any damage. The radiator can be removed without further work.

This can be very quickly changed for the radiator bonnet, and the radiator can be removed without any work. It will effectively protect the radiator from any damage.

A large air conditioning fan of Wheel Power can be used for the radiator, and will be very effective in cooling the radiator.

GUARANTEE.

The manufacturer is responsible for the quality of the work done, and will be held responsible for any damage done to the tractor.

The manufacturer is responsible for the quality of the work done, and will be held responsible for any damage done to the tractor.

ACTION.

The manufacturer is responsible for the quality of the work done, and will be held responsible for any damage done to the tractor.

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SERVICE.

The manufacturer is responsible for the quality of the work done, and will be held responsible for any damage done to the tractor.

FREE DEMONSTRATIONS WILL BE ARRANGED ON REQUEST IN ANY DISTRICT.



The Small Tractor being used at the Station at Weirley.

TR REC P2/B 1845/1

THE ROTOTILLER 10. PRICE LIST (Great Britain.)

STANDARD ROTOTILLER 10, complete with 3-ft. Miller, fitted with springs and normal tines with six spare tines and three springs, full tool kit, and supply of castrol oil for engine and gears ... ~~£198~~

(If desired, the machine can be supplied fitted with either a 2-ft. 6-in. or a 2-ft. Miller in place of the standard 3-ft. Miller without variation in price.) **£178**

For the purpose of comparison with other implements, it should be remembered that the above is a comprehensive price—there are no extras necessary as is the case when purchasing Tractors.

ACCESSORIES.

	£	s.	d.
WHEEL PROTECTORS per pair	1	4	0
RIDGING ATTACHMENT	1	12	6
WATERPROOF COVER (protecting entire machine when not in use) ...	2	0	0
MILLER OUTFIT 2-ft.	2	10	0
RIM EXTENSIONS FOR DRIVING WHEELS (these rims increase the width of bearing surface of each wheel from 5-ins. to 9-ins. and give a total width of 31-ins.) per pair	4	16	0
MILLER OUTFIT 2-ft. 6-ins.	6	5	0
LARGE DRIVING WHEELS (for road travel, etc.) per pair	7	15	0
RADIATOR BONNET	8	0	0
NARROW GAUGE DRIVING WHEELS per pair	8	8	0
DUAL PURPOSE TRUCK (for carrying the machine over roadways) ...	8	17	6
SIDE WING OUTFIT for use with machine fitted with 2 ft. or 2-ft. 6-in. Miller	9	9	0
PULLEY ATTACHMENT complete	10	0	0
SIDE WING OUTFIT for use with machine fitted with 3-ft. Miller ...	10	10	0
MILLER OUTFIT 4-ft. (including 8 springs and 8 scuffing tines) ...	12	10	0

(Prices without springs and tines or with alternative types of tines on application)

All the above prices are inclusive of packing and delivery charges to nearest Railway station in Great Britain.

WEARING PARTS.

MILLER SPRINGS each	3	7	
NORMAL TINES	1	9	
SCUFFLING TINES (broad or narrow)	3	3	
KNIFE TINES	straight 2/3 each	per set of 20	2 6 0
	left and right inclined 2/9 each		
CURVED KNIFE TINES	centre left and right 2/9 each	per set of 20	2 16 0
	inter left and right 3/3 each		

All Wearing Parts, if purchased separately, are sent carriage forward and packing charged extra.

GENERAL CONDITIONS.

Delivery	Ex Waltham Cross, subject to available stock.
Payment	Net cash against authority to collect machine from consignee's railway station or by deferred payments. Particulars of the latter will be sent upon request.
Guarantee	Usual maker's guarantee, extending to 12 months from date of delivery.
Tuition	Free tuition is given after delivery, when necessary.
Carriage	Where goods are delivered carriage paid, despatch is effected by goods train.

ALL PRICES ARE SUBJECT TO ALTERATION WITHOUT NOTICE.

Sole Selling Agents for the British Isles:

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