

SCH

(SUPPLIES) LIMITED

Manufacturers & Suppliers of Estate & Garden Machinery
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OPERATING INSTRUCTIONS

MUST BE READ PRIOR TO OPERATING THIS MACHINE



48' Grass care System (1220mm)

SAFETY INSTRUCTIONS

- Never leave the system where someone could trip or walk into it.
- Always make sure that the system is firmly fixed to the towing vehicle when in use.
- Never allow people to ride on the frame.
- Be aware of your surroundings and do not use the system in close proximity to other people.
- Do not travel at speeds which would allow the unit to bounce.
- Never reverse the unit with the tines in contact with the ground.
- Always protect the unit from frost.
- Store safely in a secure position.
- It is advisable to wear gloves when handling the attachments.
- Each attachment is designed to be used with the tow bar level to the ground.
- Do not turn with the following units in the ground.
 - Heavy Duty Aerator – A48
 - Heavy Duty Slitter – S48
 - Hollow Tine Corer – HT48
 - Sorrel Roller – S48

If in doubt, please call the SCH customer help line at **01473 328272**.

CARRIER FRAME – F48M

The F48M mounted frame will fit compact tractors fitted with category one three-point linkage fittings; other fittings configurations can be supplied.

Overall Width	1750mm (69")
Weight Ballasted	135kg



Packing List	F48M
Frame with wheels	1
Draw bar Pin	1
Ballast Tanks	3
Tool Securing Bar	1
Top Link Pin	1
Category 1 Mounting Pin with Clips	2

CARRIER FRAME – F48T

The F48T consists of two transport and depth control wheels which are adjusted by winding down jacklegs. The wheels are pneumatic wide profile with bearings. The towed carrier frame has an adjustable tow bar to accommodate most garden tractors drawbar heights.

Overall Width	1750mm (69")
Weight Ballasted	135kg



Packing List	F48M
Towbar with height adjustor	1
Frame with wheels	1
Draw bar Pin	1
Ballast Tanks	3
Tool Securing Bar	1

To Make Ready F48T

- Fit the tow bar to front edge of the frame.
- The tow bar is adjustable to allow for the correct height adjustment to your tow vehicle.
- Hitch the frame to the tractor.
- Place the attachment through the side frame hole.
- Lift attachment up into slot on the other side of the frame and secure.
- When in position for work, wind down jack legs to control depth of attachment.
- Fill and add Ballast tanks if required.

MAINTENANCE

- Check periodically that the drawbar fixing nuts and bolts on the carrier frame are tight.
- Ensure the safety retaining pin is fitted
- Wash down attachments after use.

ASSEMBLY 1 – A48, S48, HT48, R48

Each attachment is designed to be used with the tow bar level to the ground.

- Remove the tool securing bar
- Wind the jack legs up before fixing attachment

IMPORTANT

- Never exceed a speed that allows the unit to bounce.
- Do not attempt to slit or aerate when the ground conditions are too hard to allow penetration
- Weight can be added to aid depth penetration
- Never reverse with tines in contact with the ground
- Always work in straight lines, do not turn tight corners. This applies especially if the ballast tanks are filled full of water.

AERATOR ATTACHMENT – A48

The Aerator is an ideal tool for Autumn use breaking down the surface pan of grassed areas, improving drainage and allowing air penetration to the roots. The three 25-litre ballast containers supplied with the carrying frame, when full, will provide added weight to help penetrate hard surfaces. The transport wheels make transportation from the place of storage to the work area an easy operation.



SLITTER ATTACHMENT – S48

The Slitter is an ideal tool to improve drainage and root growth to grassed areas, especially in late spring and wet summers. Well drained grassed areas will help towards the prevention of moss. The slitters have springs fitted between to keep the correct spacing between stars. The transport wheels make transportation from the place of storage to the work area an easy operation.



HOLLOW TINE CORER – HT48

The Hollow Tine Corer has specially shaped tines that plunge into the grass, this removes a 'plug' of soil and turf. When the tine goes into the turf the next time round it pushes out the previous core. The hollow tine corer leaves a neat round hole, to allow top dressing and fertiliser to easily reach the roots where they are most needed.



HEAVY ROLLER ATTACHMENT – R48

The Heavy-duty Firming Roller is made to "firm up" grassed areas in the spring before the heavy growth period commences.



IMPORTANT

Please see Assembly 1 for instructions on:

- Aerator – A48**
- Slitter – S48**
- Hollow Tine Corer – HT48**
- Roller – R48**

ASSEMBLY 2 – AM48, D48, B48, L48

- Wind jack legs up to allow positioning of tenons into the “V” of the attachment.
- Remove the tool-securing bar.
- Manoeuvre the frame over the top of the attachment to be used.
- Push the tool-securing bar through the attachment, replace the holding bolt.
- When in position for work add ballast as required to suit conditions.
 - Not always necessary

IMPORTANT

- Never exceed a speed that allows the unit to bounce.
- Do not attempt to slit or aerate when the ground conditions are too hard to allow penetration
- Weight can be added to aid depth penetration
- Never reverse with tines in contact with the ground
- Always work in straight lines, do not turn tight corners. This applies especially if the ballast tanks are filled full of water.

ARENA MAINTENANCE ATTACHMENT – AM48

This attachment has been designed to rejuvenate and level most types of surfaces. The unit consists of one row of spring tines, which tease through the surface to break up the top surface pan. The following level bars level the surface. The wheels can be trailed on the surface to reduce drag and allow for light/faster finishing to surface.



DETHATCHER ATTACHMENT – D48

The carrier frame fitted with the heavy duty dethatcher. Comprises of two rows of staggered shock coiled tines which will tease out heavily matted grass and encourage tillering during the growing season. The DTC can also be used to "freshen up" gravel drives, paths and horse arenas. The transport wheels make transportation from the place of storage to the work area an easy operation.



The tines are not designed to penetrate the soil, they tease through the mat of grass to pull out dead thatch.

BRUSH ATTACHMENT – B48

The Heavy-Duty Brush Attachment is made up of two rows of stiff brushes.

The brush attachment once fitted to the carrier frame, will brush in top dressings and lawn sand. It will also put those much-admired stripes into the lawn. It can also be used on artificial playing surfaces.



LUTE ATTACHMENT – L48

The lute is a useful tool for levelling soil areas prior to seeding. The lute will level and freshen up sand menages leaving a smooth level surface. The lute may also be used on gravel driveways, or to level out molehills on the lawn.



IMPORTANT

Please see Assembly 2 for instructions on:

- Arena Maintenance – A48**
- Dethatcher – D48**
- Brush – B48**
- Lute – L48**

SORRELL ROLLER ATTACHMENT – S48

The Sorrell roller attachment is ideal to break up the crust that forms on compacted soil. The spikes penetrate the surface which allows the air, nutrients and especially water, to start their journey into the roots.



ASSEMBLY

- Reverse the frame over the roller
- Lower the frame so it is in a position over the roller
- Offer the bare axle end through the hole on the roller frame

Either way -

(a) Lift the roller with a length of rope around the roller, making sure the plate on the roller shaft slides up the outside of the frame. Place the holding bolt through the plate and screw into the frame. Tighten the bolt.

(b) As above but lower the frame on to the roller once the plain shaft end is in place.

SAFETY

The roller with its multiple spikes makes a dangerous object to handle and move. Extra care must be given when the roller is handled. It is always advisable to have two persons handling it.

- Do not leave it in such a position that it could be a danger to passing persons.
- Try to cover up the roller when not in use i.e. heavy sacking, old tilts/carpet etc.
- If you do harm yourself with the spikes seek medical attention.
- Be aware of your surroundings and do not use the system in close proximity to other people.

IMPORTANT

- Do not turn sharply with spikes in penetration.
- Always lift when turning.
- Wash down after use.
- Do not travel at speeds which allow the unit to bounce.
- Top weight may be added for required penetration.

POWER SPRAYER ATTACHMENT – SP48

The sprayer attachment bolts onto the carrier frame. The chemical is carried in the 70-litre container supplied with the sprayer. The 12-volt power sprayer pump is powered from the tractor battery. The sprayer is ideal for applying fertiliser and/or weed killers to grassed areas. A brass lance is supplied with a wedge nozzle, also a three-nozzle boom.



Manual Spraying - the trigger lance is ideal for spraying insecticides on fruit trees, shrubs and roses, it can also be used for spraying herbicides onto nettles, docks etc.

ASSEMBLY

- Remove the rear bolt securing the tow bar to the frame (keep in a place you can easily find it again)
- Lower the sprayer onto the frame with the bottom-securing bolt going through the tow bar hole.
- Replace the nut and tighten.

POWER SUPPLY

- Connect the power lead to the battery of the towing vehicle
- Power to the pump on/off is achieved by pressing the black button switch on the handgrip.

SPRAYING – BOOM & TRIGGER GUN

For Boom Spraying - The rear adjustable boom holding bracket should be positioned so that the bracket is facing out the back.

Fix the boom to the bracket, from the spray tip to the ground should be 450mm (18"). This height can be achieved by adjusting the frame support wheels

For Trigger Gun Spraying – Fix the delivery hose to the trigger gun.

IMPORTANT

- Do not let the pump run dry.
- Flush through with clean water after use.
- There are two filters:
 - A mesh filter on the base of the pump
 - Within the brass trigger lance handleThey must be kept clean.
- Oil or tar-based products must not be used in this sprayer.
- Always protect the unit from frost / do not let the unit freeze.
- The sprayer is designed to accommodate chemicals that can be purchased from your garden centre.

SAFETY

- Always read and observe the safety instructions given on the container of the product you are going to use.
- Wear protective clothing and eye wear.
- Do not inhale the chemical.
- Do not allow the chemical to come into contact with food.
- Do not smoke whilst operating the sprayer.
- Do not allow spray to contaminate rivers or ponds.
- Do not allow children to play with the sprayer.
- Do not spray on a windy day.
- Always keep the spray nozzle as close to the subject as possible.

CALIBRATION – USE WATER ONLY

Spraying with Boom –

- Measure the flow from one of the nozzles over a recorded period of time.
- Multiply by the number of nozzles, this will give you the flow rate x travel over a measured distance and time; this will give you your forward speed.
- A combination of flow and speed will allow you to work out dilution rates etc. required

THE SCH SIMPLE METHOD

Read the instructions on the container. Somewhere it will state the area it will cover:

- If the can states it will cover XX square metres – measure out XX square metres; go over the XX square meters (north to south & east to west) until sprayer is empty.
- We recommend that you try the sprayer with water, observe flow rates etc. You need only fill the sprayer to the quantity of spray required for each job.

WARRANTY

Your 48" system is guaranteed for 12 months from the date of purchase. This guarantee covers faults which may occur from defective parts or manufacture.

SCH Supplies accept no responsibility for damage caused to property/land due to incorrect use of this product.

Damage caused by inability to follow instructions will void warranty.



If you are missing your free brochure contact us on **01473 328272**, email **sales@schsupplies.co.uk**, or visit our website **www.schsupplies.co.uk**

