

SCH

(SUPPLIES) LIMITED

Manufacturers & Suppliers of Estate & Garden Machinery
TELEPHONE 01473 328272 • FAX 01473 327177
www.schsupplies.co.uk

OPERATING INSTRUCTIONS

MUST BE READ PRIOR TO OPERATING THIS MACHINE



40' Grass care System (1016mm)

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.
- Do not turn with the following units in the ground.
 - Heavy Duty Aerator – HGA
 - Heavy Duty Slitter – HGS
 - Hollow Tine Corer - HGHT

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

HEAVY DUTY CARRIER FRAME - HGF

The heavy-duty system is built around the carrying frame. The frame consists of the tow bar, weight tray, two transport wheels and two ballast tanks. The tow bar is now height adjustable.

Working Width	1250mm (49")
Weight Ballasted	90kg



ASSEMBLY

- Remove the weight containers from the carrier frame.
- Turn the frame upside down with the support arm facing upwards.
- Loosen the front and rear drawbar nut and bolt to allow free movement.
- Place the drawbar in the forward position, replace and tighten the front and rear nut and bolt.
- The support with the cut-out notch is on the right-hand side of the drawbar from the front.



MAINTENANCE

- Check periodically that the drawbar fixing nuts and bolts on the carrier frame are tight.
- Wash down attachments after use.

ASSEMBLY 1 – HGA, HGS, HGHT, HGB, HFR

- Remove the ballast containers. Place the carrier frame on its back with the support arms facing upwards. Remove the transport wheels.
- Remove the attachment securing bolt from the frames upright support.
- Slip the plain end of the attachment through the hole of the carrier upright.
- Place the end with the securing plate into the notch section of the upright support on the frame.
- Replace the securing bolt through the securing plate and into the frame support.
- Tighten securely



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

HEAVY DUTY AERATOR ATTACHMENT - HGA

The Heavy-duty 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 two 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.



HEAVY DUTY SLITTER ATTACHMENT - HGS

The Heavy-duty 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 correct spacing between stars.

The transport wheels make transportation from the place of storage to the work area an easy operation.



HOLLOW TINE CORER - HGHT

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. We strongly recommend the frame lifter (Ref HGL) is used with this attachment.



HEAVY ROLLER ATTACHMENT - HFR

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

This unit must be used in conjunction with the Heavy-duty Carrier Frame.



IMPORTANT

Please see Assembly 1 for instructions on:

- **Heavy duty Aerator – HGA**
- **Heavy Duty Slitter – HGS**
- **Hollow Tine Corer – HGHT**
- **Heavy Duty Roller – HFR**

ASSEMBLY 2 – HGM, DTC, HGB, HGPS

- Place the carrier frame on its back with the support arms facing upwards.
- Remove the 'R' clips if fitted from the axle.
- Remove the attachment securing bolt from the frames upright support.
- Place the attachment over the saddles of the carrier frame.
- Insert the support bar through the carrier frame and attachment.
- Tighten securely.
- Turn the carrier frame over and attach to the tractor.
- Whilst the machine is in work the transport wheels may be stored on the stub axles replacing the 'R' clips to keep the wheels secure



IMPORTANT

- Never exceed a speed that allows the unit to bounce.
- Never reverse with tines in contact with the ground

HEAVY DUTY MOSS RAKE ATTACHMENT - HGM

The carrier frame fitted with the heavy-duty moss rake attachment containing one row of spring tines will tease out moss and dead thatch from lawns. This lighter rake is an ideal unit on finer grassed areas, such as tennis courts and finely cut lawns. The rake can also be used for freshening up gravel drives.



FITTING TINES

For safety purposes the tines of your moss rake are packed in the casing of the attachment.

- Remove the two securing bolts and remove the packed tines.
- The tines are fitted through the black assembly bar.
- Replace the tine cover and secure with bolts.



HEAVY DUTY DETHATCHER ATTACHMENT - DTC

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.



TRANSPORTATION

- Turn the carrier frame over.
- Remove the moss rake or dethatcher attachment.
- Replace the retaining bar, secure the retaining plate on to the carrier frame with the bolt supplied.
- Attach the transport wheels and secure with 'R' clips

HEAVY DUTY BRUSH ATTACHMENT - HGB

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.



HEAVY DUTY LUTE - HLL

The lute attachment is easily fitted to the heavy-duty frame. 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. The carrier frame lifter (Ref: HGL) is advised when using the lute.



IMPORTANT

Please see **Assembly 2** for instructions on:

- Heavy Duty Moss Rake – HGM
- Heavy Duty Dethatcher – DTC
- Heavy Duty Brush – HGB
- Heavy Duty Lute - HLL
- Sprayer Attachment - HGPS

POWER SPRAYER ATTACHMENT - HGPS

The sprayer attachment clips onto the carrier frame. The chemical is carried in the two 25 litre containers 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

- Place the carrier frame on its back with the support arms facing upwards.
- Remove the 'R' clips if fitted from the axle.
- Remove the attachment securing bolt from the frame upright support.
- Insert the axle through the carrier frame. (Please see Assembly 2)
- Place the end with the securing plate into the notch section of the upright support on the frame.
- Replace the tool securing bolt through the securing plate and into the frame support, tighten securely.
- Place a wheel on either end of the axle and fix into position with the 'R' clips provided.
- Turn the unit over and attach to the tractor.

FITTING SPRAYER ATTACHMENT

- Remove thumb screws from sprayer cradle and fit it onto the carrier frame with both support arms of cradle positioned over frame lips (See illustration 1)



- Replace the thumbscrews into cradle fixing point and tighten securely. Remove the thumbscrew in lance holder, with the spray trigger lance depressed; place it into the lance holder. (See illustration 2)



- Reposition the thumbscrew and tighten (this will hold the lance trigger firmly with the trigger depressed). Ensure that the nozzle is pointing downwards; fill ballast tanks with required spray – Mixing and handling as per manufactures instructions.
- Place each container either side of the fixed spray lance. We advise that the container is not filled above the 20-litre mark. Secure with elastic cords provided. – See illustration 1. Remove the cap from each container. Screw down the cap to hold pump securely. Attach the electrical connectors to your battery – ignore polarity. Turn the anti-drip tap on – Situated on the hose near the brass trigger lance. Depress the hand control switch to start spraying.

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 handle.
- The sprayer is designed to accommodate chemicals that can be purchased from your garden centre.
- Oil or tar-based products must not be used in this sprayer.
- Always protect the unit from frost.

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 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.

FITTING THE BOOM

- Place the spray lance into the holder as described earlier.
- Attach the adapter provided to the brass lance and tighten securely.
- Attach the brass lance complete with adapter to the boom.
- Commence spraying.



FITTING THE NOZZLE

- Attach the nozzle provided to the brass lance and tighten securely
- Commence spraying.



CARRIER FRAME WITH LIFTING DEVICE - HGL

- Remove both bungee cords and ballast tanks from the frame.
- Remove the tow bar by undoing the two fibre nuts and bolts.
- Offer up the centre angle plate making sure that the single top hole is facing towards the rear of the frame. Line up the holes of the centre angle plate with the frame and the tow bar and secure them together using the longer bolts provided with the lift device.
- With the transport wheels removed fit the lift device arms to the lower axle of the frame (take note that they are right and left-handed).
- Replace the r-clip to the axle.
- Fit the transport wheels to the lift device arms and secure with R-clips.
- Fit the link bar to the lift device arms and secure with the retaining bolts.
- Pass the loop end of the cord into the tow bar mouth and hitch to tractor.
- Pass the other end through the pulley. Test lifting from the tractor seat and adjust length and secure grip with a loop.
- To lock of work, cleat off.

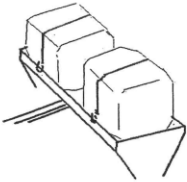


IMPORTANT

- **RISK OF INJURY** - Make sure when removing the frame from tractor that there is no tension on the cord and the frame is at its lowest position.

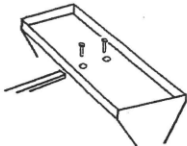
ASSEMBLY FIXING INSTRUCTIONS FOR CARRIER FRAME LIFTING DEVICE REF: (HGL)

Fig 1



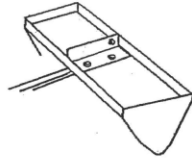
Step 1. Remove both bungee cords and ballast tanks from the frame.

Fig. 2



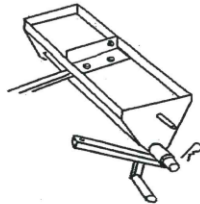
Step 2 Remove the tow bar by undoing the two fiber nuts and bolts as pictured in Fig. 2

Fig. 3



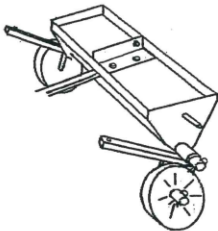
Step. 3 Offer up the centre angle plate making sure that the single top hole is facing towards the rear of the frame. Line up the holes of the centre angle plate with the frame and the tow bar and secure them together using the longer bolts provided with the lift device. See Fig. 3

Fig. 4



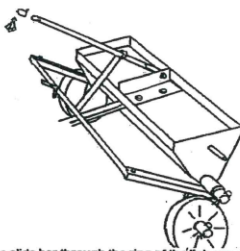
With the transport wheels removed fit the lift device arms to the lower axel of the frame. (Take note that they are right and left handed) Replace the r clip to the axel. See Fig. 4

Fig.5



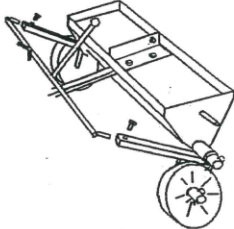
Fit the transport wheels to the lift device arms and secure with r clip. see Fig. 5

Fig. 7

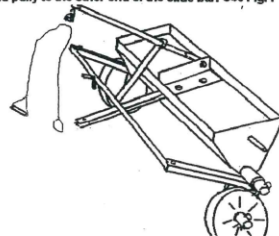


Pass the slide bar through the ring of the link arm and fix it to the centre angle plate with bolt provided. Secure the shackle and pulley to the other end of the slide bar. See Fig. 7

Fig. 6



Fit the link bar to the lift device arms and secure with the retaining bolts. see Fig. 6



Pass the loopend of the cord into the tow bar mouth and hitch to tractor. Pass the other end through the pulley. Test lifting from tractor seat and adjust length and secure grip with a loop. To lock out of work clear off. **RISK OF INJURY.** Make sure when removing the frame from tractor that there is no tension on the cord and the frame is at it lowest position.

WARRANTY

Your 40" 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**

