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OPERATING INSTRUCTIONS



Hard Surface Towed Sweeper

Ref: HSTS98

DESCRIPTION

This sweeper benefits with a mesh floor, to allow the sand to flow back through the base of the hopper, at the same time collecting debris such as leaves, and twigs. A cover plate is supplied with each machine, to cover the mesh floor in sweeping operations where all debris is required to be collected.

A differential mechanism on the brushes allows the sweeper to be maneuvered in tight corners without the wheels scuffing. Both wheels drive the pick-up brushes giving excellent sweeping power. Designed for short mown grass and fallen leaves on artificial surfaces.

SPECIFICATIONS

Overall Width	1350mm (51")
Working Width	915mm (36")
Weight	78kg
Catcher Capacity	270 Litres
Hitch	Clevis Hitch fitted as standard

SAFETY INSTRUCTIONS

- When transporting the sweeper ensure the brush adjuster is moved to its highest position, bringing the brushes out of work.
- Never leave the sweeper on or around the playing areas. Always remove it to a place of safety before activities commence.
- On small to medium sized areas, only the towing vehicle operator should be present.
- Always make sure the unit is securely connected to the towing vehicle before use.
- Never travel at excessive speeds – max speed 4 ½ mph.
- Do not allow the sweeper to bounce
- Never allow any person to travel on the sweeper.

IT IS NOT TO BE USED FOR COLLECTING HAY TYPE GRASS

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

IMPORTANT

When the sweeper is attached to the tractor ensure that the floor of the catcher is parallel with the ground. This is achieved by plus and minus on the adjuster on the underside of the tow bar adjacent to the swivel.

GENERAL

For sweeping hard artificial surfaces where the 'fill' needs to be lifted, cleaned and returned to the surface. Remove the fixed plate at the base of the collection box. The plate is fixed with a thumb screw.

Before emptying the box 'jiggle' the black sprung knob on top of the box. This will allow any trapped fill to return to the surface.

To sweep hard surfaces where all the sweepings need to be collected; make sure the bottom plate covering the mesh at the base of the collector is fixed.

The brush adjuster bar raises the brushes up and down. It is imperative that the brush is set to the correct height.

Please note:

When the sweeper is working the brushes should just 'tickle' the surface they are sweeping. The brush uses a flicking action rather than a mechanical action to collect debris. If the brush level is set too low this will put excess strain on the brush and in turn damage the metal gearing in the wheel assembly.

The position three hole is recommended. The remaining two holes at the top of the adjuster bar are for use as the brush tips wear down.

FITTING & TOWING

Fixing the tow bar to the sweeper:

The bolt is positioned through one side of the sweeper fixing point, through the tow bar pivot and the other side of the sweeper fixing point. Tighten the nut ensuring that the tow bar can still pivot. A 10mm bolt and nut are supplied.

Fitting the catcher to the sweeper:

The bolts are positioned in the arms of the sweeper. Mount the catcher over the sweeper arms and place the bolts through the catcher, secure with nuts. 2 x 8mm nuts and bolts are supplied.

EMPTYING THE SWEEPER

To empty the catcher box there is a metal hand grip. Place your hand in the grip and raise the box upwards. The box will pivot and the collected mass will drop. A few shakes may be needed to empty the box of stubborn sweepings. With the box in the raised position drive the tractor forward. Lower the box and recommence sweeping. A collection sheet is included.

The sweeper can also be reversed into the compost heap; lift the box up to empty. Always reverse extremely slowly. If the sweeper 'jack knifes' pull forward and start again.

MAINTENANCE

The unit must be washed down after use, removing any mud and debris on and around the brushes. Build-up of mud on the brushes will reduce the life of the gearing.

After every 10 hours of work or once a year, whichever is the soonest the brush differential must be greased.

1. Locate the grease nipple situated in the center of the brush section.
2. Clean out the orifice.
3. Pump 2-3 strokes of grease into the nipple.
4. Rotate the wheels for a number of revolutions clockwise.
5. Repeat step 3.
6. Rotate the wheels for a number of revolutions anti clockwise.

Yearly Service:

Remove the drive wheels by undoing the center nut. Draw off the wheels. Clean the drive cogs, re-grease and replace the wheels.

PARTS LIST FOR HSTS98

Description	Quantity
Catcher	1
Handle for catcher	1
Nut & bolt	2
Brush Height Adjuster	1
Brush Height Adjuster Clip	1
Brush pick-up plate	1
Bearing for brush shaft	2
Bearing housing	4
Bearing Sleeve	2
Brush shaft	1
Brush shaft including link pin	1
Brushes	4
Nuts & bolts	4
Pinion gear	2
Frame including stub axle	1
Washer	10
Dust cover back plate	2
Dust seal	2
Dust cover	2
Oil lite brush	2
Drive gear including studding and nuts	2
Drive gear washer / spacer	4
Drive wheel	4
Nylon washer	2
Washer	4

Nylock Nut	2
Bolt	2
Height adjuster bolt	1
Tow bar fixing bolt	1
Tow bar	1
Black frame end caps	4
Grease nipple	1

Please contact us for help with spare parts.

WARRANTY

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



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**

