

# **SCH**

**(SUPPLIES) LIMITED**

**Manufacturers & Suppliers of Estate & Garden Machinery**  
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## **OPERATING INSTRUCTIONS**



### **Professional Leaf Suction Unit**

**Ref: PSU**

## DESCRIPTION

This large leaf suction unit is hungry to clear up large areas of fallen leaves. The PSU fan unit with its powerful 9hp Honda engine is mounted on a two-wheel chassis with an integral tow bar.

The favourite way of using the unit is to attach it to the rear of the leaf collecting trailer. This trailer can be supplied with trailer adaptation kit, you could modify your own trailer, or SCH will collect and modify for you. The discharge hose is attached to the rear of the trailer. The operator is able to suck up fallen leaves efficiently. A combined team of the suction hose operator and a tractor driver can clear along drives and road edges at very impressive speeds. The leaves passing through the fan are chopped up, greatly increasing the capacity of the trailer - meaning fewer empties per day.

Many operators use this in conjunction with a handheld blower. Blow out leaves from flower beds and awkward areas and then collect them with the suction unit. The fan belt is driven and not fitted directly onto the crankshaft of the engine.

## SPECIFICATIONS

Overall width	1320mm (52.5")
Overall length	1500mm (60")
Weight	180kg
Engine	9hp Honda
Suction Hose	200mm (8")
Suction Hose Length	3 metres
Discharge Hose Length	1000mm (39")

## SAFETY INSTUCTIONS

- Never attempt to adjust, remove guards or clear blockages whilst the engine is running.
- The unit is designed to 'pick up' vegetable matter, Mineral and iron objects must be avoided.
- Never disconnect the suction hose from the blower while the fan is in motion.
- The discharge hose must be securely anchored before commencement of work
- The front plate must be securely fixed at all times
- Never point the discharge hose at any person.
- Should the discharge hose become damaged it must be replaced
- Make sure all couplings are securely in place
- Read and follow all safety instructions given in the engine manual.
- Be aware that the engine and exhaust will become hot when in use.
- Must wear eye and ear protection
- The operator must know how to turn off the unit in an emergency

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

## TO CLEAR BLOCKAGES

1. Switch off the fan engine.
2. Remove the front plate of the fan housing – clear blockage
3. Replace the front plate.

A safety stop/start switch is fitted. If the plate is not fitted correctly the engine will not start.

If the long wander hose blocks, straighten the hose and create a 'wave' motion with the fan running.

**Never place hands inside the hose. Never insert anything inside the hose.**

## OPERATION

Read the engine manual for correct operation for re-fuelling and oil checking.

1. Connect the unit to the towing vehicle
2. The discharge hose must be securely fixed
3. Raise the engine revolutions to full speed
4. Offer the pick-up nozzle into the fallen leaves (make sure you do not completely push the nozzle into such a position that it blocks the inlet completely)
5. If you hear the engine tone lower, hold back let the engine regain its full power
6. With wet material, you may experience a build-up of material in the bottom curve of the suction hose. To clear this obstruction manually 'jiggle' the hose

## PARTS LIST FOR PSU

Suction Hose	PSU/SH
Discharge Hose	PSU/DH
Suction Nozzle	PSU/SN
Fan Complete	PSU/FC
Fan Blades (6)	PSU/FB
Holding Bolts	PSU/FBB
Wheel	PSU/TW
Safety Switch	PSU/SS
Pipe Holding Clips	PSU/HC
Adjustable Hitch	PSU/AH

## WARRANTY

Your Professional Leaf Suction Unit is guaranteed for 12 months from date of purchase. This guarantee covers faults which may occur from defective parts or manufacture. This warranty does not cover the hose, each unit is supplied with a metal pipe connector which acts as a repair kit.



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**

