

BASIC TECHNIQUES

Always place the machine on firm level ground. During operation, do not tilt or move.

Wear protective gloves as some materials may be sharp and may cause injury to your hands.

Eye protectors are also required by anyone within the work area.

This machine generates noise, it is recommended to wear ear defenders whilst in use.

Always place yourself in a comfortable position. When inserting waste into the chute be very careful. Do not push the waste past the chute opening with your hands. This can be very dangerous and can cause severe injury to your body.

The inserted material will feed in automatically by the cutter roller.

When shredding, listen to the motor. If it starts to slow you are probably expecting it to shred too large a quantity of waste at a time. Simply reduce the feed rate.

Only insert as much material so that the chute will not get jammed.

Feed the waste into the top chute a piece at a time. Do not insert anything thicker than 35mm.

Empty the collection box regularly - Note the box can be pretty heavy when lifting.

Note: The inlet diameter of the shredder is limited, so the material to be composted should not be forced through the opening, but placed loosely in the shredder.

WARNING

LONGER MATERIAL STANDING OUT FROM THE MACHINE COULD LASH OUT WHEN BEING PULLED IN BY THE KNIVES! PLEASE KEEP AT SAFE DISTANCE!

While shredding, observe the ventilation slots. Make sure they are not covered by the shredded material.

WARNING

AVOID BLOCKING THE DISCHARGE CHUTE WITH SHREDDED MATERIAL AS THIS COULD RESULT IN KICKBACK OF MATERIAL THROUGH THE CHUTE OPENING.

WARNING

ALWAYS REMOVE THE PLUG FROM THE MAINS SOCKET BEFORE UNDERTAKING ANY TYPE OF INTERVENTION ON THE SHREDDER

TROUBLESHOOTING

When the machine doesn't start, simply switch the shredder off and on again. If this doesn't solve the problem check the electric supply, for example, by plugging in and starting another appliance. Check the supply cord and extension cord. Replace extension cord if found damaged. If machine cord is damaged, don't try to fix this tool, return to HSS Hire.

If the shredder fails to operate, usually this is because the collection container or chute are not fitted correctly. The machine is fitted with sensors, unless they are fitted correctly, the machine will not start.

When the material to be shredded is not pulled in, it is usually caused by waste being wet or very soft.

SPECIFICATIONS

Technical

Cutting system	Rotating Blades
Capacity.....	36000 cuts /min 10 wheelbarrows /hr
Branch diameter	max 35mm
Collection container	60L
Weight	63kg

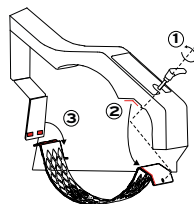
Noise/Vibration

Sound pressure level	112 dB(A)
Sound power level	114 dB (A)

Opening the shredding chamber

1. First remove the collecting bag out of the machine to get access to the sieve.

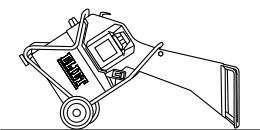
2. Turn the lever (1) to loosen the lock on the screen. If the lever is completely loose, press on the handle. This way the screen comes out of its seat and can be taken out of the machine.



Warning:

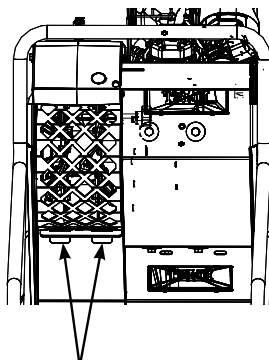
The blades are razor sharp, avoid injuries and wear gloves!

3. To get a better view on the situation in the shredding chamber, and to be able to empty the shredding chamber easily, tilt the machine over the front wheels till the funnel rests on the ground.



Closing the shredding chamber

In order to remount the screen, slide the two protruding parts in the provided slots on the front of the machine. Then tilt the screen in the shredding chamber and press it against its seat. The screen hooks behind the edge of the chamber wall. Now turn the lever to tighten the sieve again. Turn the lever till sufficient tension is built up.



EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong equipment for the job. Contact HSS Hire for advice.

Keep the equipment clean - you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

The shredder must not be cleaned with high pressure cleaners or running water.

Clean the body of the machine thoroughly using a soft brush and cloth. **Do not use water, solvents or polishes. Remove all grass and debris, especially from the ventilation slots.**

When not in use, store the equipment somewhere clean, dry and secure.

FINISHING OFF

Switch the unit off and wait for moving parts to stop, then unplug the unit from its power supply.

Empty the collection container.

Give the unit a final clean then neatly coil its power supply cable ready for return to your local HSS Hire.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training
0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

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3011/01

Operating & Safety Guide 3011

HSS Hire



Portable Electric Shredder

Electrical Shredder for garden waste and wood up to 35mm diameter.



Code 62813

GENERAL SAFETY

For advice on the safety and suitability of this equipment contact HSS Hire.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.

This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

This equipment should only be used by a competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from HSS Hire.

 **Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.**

 **Wear practical, protective clothing, gloves and footwear.** Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

 **This equipment generates potentially harmful noise levels.** To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

 **Safety Goggles must be worn by everyone in the work area.**

This shredder must be operated in a safe and unobstructed location.

Only operate the machine in open space (e.g. not close to a wall or other fixed objects).

Do not operate the machine on paved or gravel surface where ejected material could cause injury.

Never stand at a higher level than the base of the machine when feeding material.

Always stand clear of the discharge zone when operating the machine.

Never pick up or carry the machine while the motor is running.

Do not tilt the machine while it is running.

During operation, do not reach into the chute assembly. Keep your face and body away from it.

The machine runs on for a few seconds after being switched off. Always switch off, unplug and wait for moving parts to stop before attempting to clean or adjust the equipment in any way.

Never leave the equipment switched ON and unattended.

Never carry, lift or pull the equipment by its power supply cable.

Keep the unit upright at all times, never run it at an angle.

This equipment can cause serious injury, so take care. Never look down the entry of the top chute and always switch the unit off when not actually shredding.

Do not attempt to shred metal or plastic items, this machine is only for garden waste!

Do not exceed the units maximum diameter capacity. Use the top chute entry for items up to 35mm.

If the cutting mechanism strikes any foreign object or if the machine should start making any unusual noise or vibration, immediately switch off and allow the cutter to stop.

Watch your footing. Take special care if working other than on firm, level ground.

Do not overreach.

Always check the collection container and empty it regularly. Do not allow processed material to build up. This may prevent proper discharge which can result in kickback of material through the chute assembly.

Keep the motor cooling vents clean of debris and other accumulations to prevent damage to the motor or possible fire.

Before switching on, make sure all the machine's parts are put together correctly. Check that all screws, nuts, bolts and other fasteners are properly secured and that guards and screens are in place.

Check that there are no damaged or missing elements. If it shows signs of damage or excessive wear return the shredder to HSS Hire.

Do not try to repair or modify the equipment. If this tool can't do what you expect or fails to work return to HSS Hire.

Do not expose the machine to rain. Store the machine in a dry place.

ELECTRICAL SAFETY

The HSS Electric Shredder plugs into a standard 230V 13amp power socket.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harm's way, and clear of the work area.

When necessary, use only extension cords of a type approved for the application and with conductors of adequate cross section. The power tool may otherwise lose performance and the extension cord may overheat.

Extension leads should be fully unwound and loosely coiled, away from the equipment.

Check the extension cord for damage at regular intervals. Replace damaged extension cords.

Never run them through water, over sharp edges or where they could trip someone.

When working outdoors, use only extension cords that are approved and correspondingly marked for this application.

Never touch the plug or socket with wet hands.

Always remove the plug from the current socket before undertaking any type of intervention on the HSS Electric Shredder or if it is left unattended or within children or people's reach not quite conscious of their own actions.

Always before removing the plug, switch off the machine.

Always when unplugging pull the plug, not the supply.

 To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device) available from HSS Hire.

Ensure the machine and power socket are switched OFF before plugging into the power supply.

GETTING STARTED

Never use the HSS Electric Shredder until you have fully read and understood this User Guide and the machine has been properly set up using the information it contains.

HSS Electric Shredder is designed for cutting garden waste and wood for composting.

The collection box is intended for collecting shredded waste.

Before operating the shredder check the material you are going to use. Foreign material such as stones, glass, metals, fabrics or plastics must not enter the chute, as they may damage the cutting roller.

Place the unit on firm level ground in open space, away from structures.

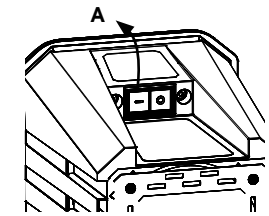
Fit the collection container and position the chute.

The machine is fitted with sensors, unless the collection box is fitted correctly and the chute is correctly positioned, the machine will not start.

Check the power cable for damage before switching on.

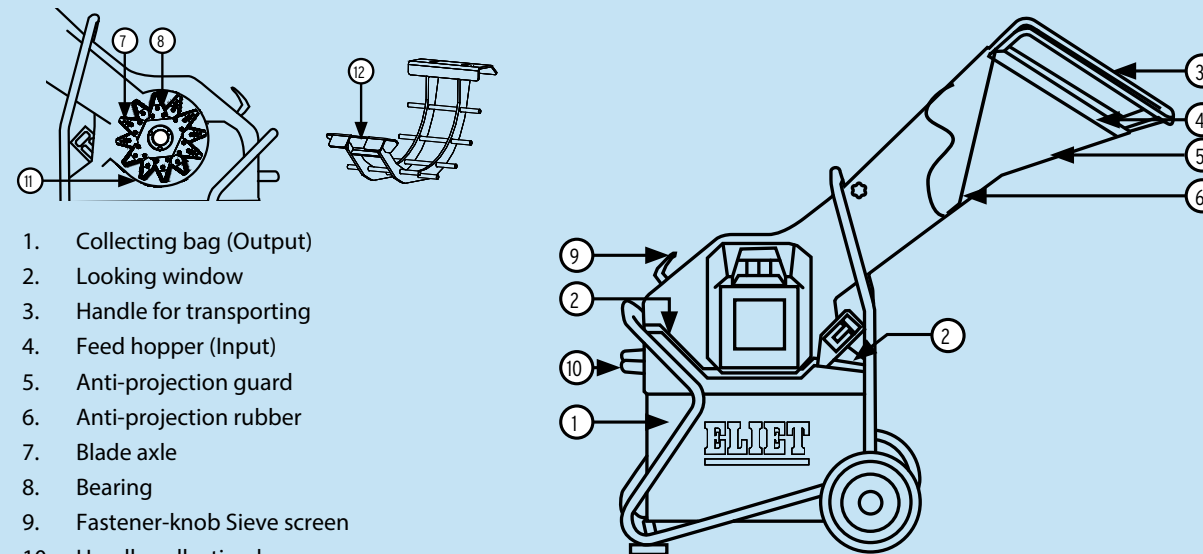
Ensure the chute securing bolts are tightened correctly.

Plug in shredder to power supply. You can start operating the machine by pressing green button.



A. The starting button is green and provided with the "I" sign that is universally known as representing "on". The stopping button is red and provided with the "O" sign that is universally known as representing "off".

IDENTIFIER



1. Collecting bag (Output)
2. Looking window
3. Handle for transporting
4. Feed hopper (Input)
5. Anti-projection guard
6. Anti-projection rubber
7. Blade axle
8. Bearing
9. Fastener-knob Sieve screen
10. Handle collecting bag
11. Sieve screen
12. Multi-purpose grating for wet green-waste

SHREDDING WASTE

NORMAL GARDEN WASTE AND SMALL TWIGS CAN BE FED IN TO THE CHUTE. PAPER AND CARDBOARD (IF POSSIBLE MADE DAMP TO ACCELERATE DECOMPOSITION) CAN ALSO BE FED THROUGH THE CHUTE WITHOUT DIFFICULTY.

Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



HI
Heavy Lifting



Cd
Check Oil daily



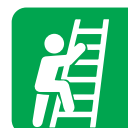
Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



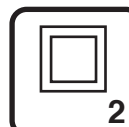
V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge