

## BASIC TECHNIQUES

With the engine running the machine is ready to start work.

**When chipping, 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.

**Normal garden waste** and small twigs **can be fed** in to the hopper in **bunches**. Feed thicker items **one at a time**.

**Let go of the waste before it is pulled into the machine.**

The maximum diameter of material that can be chipped at any one time is 50mm. **NEVER** chip matter containing stones, nails, wire and glass etc.

**If the shredder becomes clogged leave the engine to run for 2-3 minutes until it clears.**

**If the blockage will not clear, switch OFF and contact your local HSS Hire for advice.**

## EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease or within the time required, assume you have the wrong size or type of chipper for the job.

**If the timber will not go through the max timber size ring on the chipper chute it is too large for the machine to handle.** Ask at your local HSS Hire for advice.

**Keep the engine upright at all times.** If it should get tipped over, mop up oil and fuel spillages and contact your nearest HSS Hire for advice before re-using.

Regularly check the fuel level and top up as necessary using unleaded petrol **check the engine oil level daily**. Having let the engine cool, stand it on level ground, withdraw the dipstick and wipe clean. Now, replace the stick, withdraw it a second time and verify that the oil level is between the Min and Max lines.

Top up as required. **Empty the collection bag regularly, switch the unit OFF before removing the bag.**

Keep the equipment clean, you will find this less of a chore if you clean up regularly rather than wait until the end of the hire period. When not in use, store the equipment somewhere clean, dry and safe from thieves and unauthorised users.

## FINISHING OFF

Allow the chipper to clear the last bits of matter then switch the unit OFF as described in GENERAL SAFETY. Remove the collection bag and give the unit a final clean, ready for return to your local HSS Hire.



### ... have you been trained

The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace. Training is available at HSS Training Solutions  
**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](mailto:safety@hss.com)

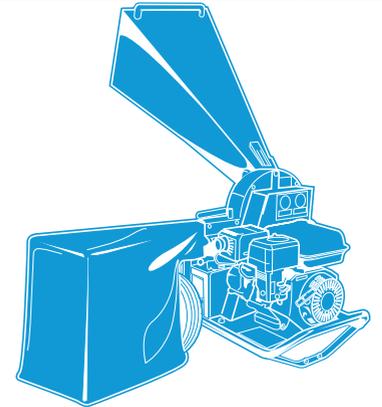
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## Operating & Safety Guide 386

# HSS Hire



## Portable Garden Chipper

**Effective for disposing of garden waste including branches, brushwood and prunings. Collection sack allows for clean working area. Small enough to fit into the boot of a car.**



Code 62806

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local 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 be used by an able bodied, 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 either cones, barriers or tape, available for hire from your local HSS Hire.



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



Safety goggles MUST be worn by everyone in the work area.



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.



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

Clear processed material regularly - do not allow it to build up underneath the machine.

Never overload the machine.

Never stand in front of the chipper chute when the machine is operating.

Never position the machine on a ledge higher or lower than the operator. Machine and operator must be on the same level.

Never put feet or hands in the chipper chute or discharge chute.

Always operate the machine on full throttle.

Always allow the machine to run at full speed for 2 minutes before switching off.

Always start the engine in the open air do not smoke when refuelling

Always stop the engine and the machine before making any adjustments, refuelling, moving or cleaning or when the unit is unattended

Always ensure that guards are in place when the machine is operating or the engine is running

Do not remove any safety guards that are fitted.

Keep hands, feet and clothing out of openings, away from discharge and moving parts when the machine is operating or the engine is running.

Do not touch any moving parts or attempt any maintenance whilst the machine is running - Keep hands and feet away.

Do not allow children or anyone uninstructed to operate the machine - keep animals away.

If a fault develops do not attempt any repair - immediately contact the nearest HSS.

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

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

### Fuel Safety

NEVER refuel while the engine is hot or running.  
Never smoke or allow naked lights into the area while refuelling.

Never inhale fuel vapour.

ALWAYS mop up any spillage as quickly as possible, and change your clothes if you get fuel on yourself.

ALWAYS store fuel in a purpose-made sealed container, in a cool, safe place well away from the work area..

### Exhaust Danger

NEVER operate petrol engines indoors or in a confined space.

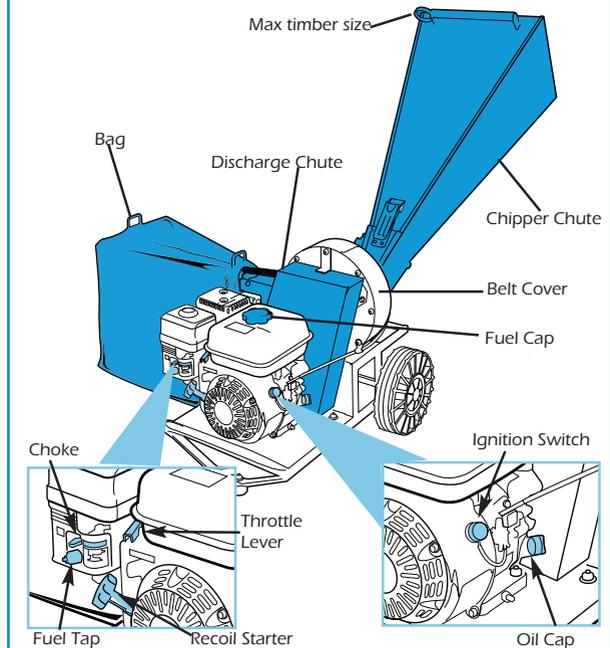
The exhaust contains gases that can kill.

## GETTING STARTED

Familiarise yourself with the location of the control switches and levers so that you can operate them quickly in an emergency.

Place the unit on firm level ground, away from structures, which could be damaged by flying debris, a greenhouse for example. Either position a collection bag at the exit chute or aim it at a suitable disbursement point.

## Portable Garden Chipper



When using the collection bag ensure the bag frame is located between the two lugs on the discharge chute. Do Not allow the bag to interfere with the exhaust as the heat could damage the bag fabric.

Make sure the ground is level, avoid setting the unit upon a slope.

Ensure the discharge chute and chipping chute are in place.

Check the engine oil level. Top up with 10w/40 oil if necessary.

Check fuel level. Only use unleaded petrol from a clean container. Never re-fuel when the engine is hot or running. Leave 25mm air space in the fuel tank.

## OPERATING INSTRUCTIONS

The engine will only start with the chipping chute and discharge chute in the operating position.

Switch on ignition and if the engine is cold, apply the choke.

Turn on the fuel tap and apply half throttle. Engage the recoil starter and pull handle firmly. Once the engine has started, release the choke after a few seconds and return throttle to idle position.