



For guidance on managing construction health risks go to

www.hse.gov.uk/construction





## Using the Clearing saw

- Put the carrying harness on and adjust it so that it is comfortable but secure, before staring the saw.
- Wear protective equipment including boots, helmet, face shield or goggles.
- Once the saw has been started, lift it and attach it to the harness carefully.
- Make sure no-one is in the area that is to be worked in.
- Always hold the clearing saw with both hands on the hand grips as well as using
- Keep the cutting head at ground level or just above it. Do not rise it above knee level.
- Use the throttle; make sure the cutting head is running at full speed before starting to cut into the brush.
- Keep a look out for obstructions, which may be hidden by the brush.
- Be prepared for the reactive force when the saw contacts the surface to be cut. It is best to into shrubs or trees with the left side of the blade; the machine will then pull away from the user.
- Avoid cutting with the right side of the blade this is likely to cause the saw to cut out of the cut.
- Beware of debris and dirt that may be thrown up by the blade.
- 12. If the clearing saw starts to labour and slow down do not force it so hard. Do not overload the engine. Steady cuts keeping the saw speed up are more effective than aggressive pressure.
- The blade will continue to rotate for a few seconds after the engine has been stopped. Wait for it to stop completely before lowering the cutting head or putting
- If the operator is approached while using the machine, they must stop work and let the machine idle until clear.
- Watch out for signs that vibration may be affecting the users' hands. If the users fingers start to tingle or feel numb, they must take a short break from using the clearing saw and exercise the fingers to encourage blood circulation.

  To help prevent vibration affecting the hands, operate the machine for shorter periods. Keep hands warm wearing gloves may help to do this.
- If adjustments area needed to the blade or guard, or to clear debris tangled in the blade, stop the engine and wait until the blade has completely stopped. Wear gloves to prevent cutting hands while clearing the blade or making adjustments.
- Stop the engine before leaving the machine unattended.

2450 Regents Court

The Crescent

19. If the equipment does not work properly do not attempt to repair it, contact the

#### Please keep this leaflet safely as it may be required for future reference















©Copyright Hire Association Europe April 2011

Any unauthorised reproduction - manually or electronically - is STRICTLY prohibited

# Follow the rest of the instructions from instruction 5 onwards, given in the section 's sarting from cold'. Press the interlock and the throttle ant the same time. Whilst keeping these pressed in pull the control lever back to the starting position. When the starting position to start. Set the choke lever to the position. Set the choke lever to the position. MAAW MORT DNITRATS

11. If the engine did not start, set the choke control to \_\_\_\_, set the decompression valve, and pull the starter cord again.

12. In cold weather, the engine may need to warm up by gently opening the throttle, before starting work. 10. If the engine is now running, squeeze and release the throutle trugger. The control lever will revert to its normal the control choke to —.

11. If the engine will idle. Set the control choke to —.

With the right hand, pull out the starter handle slowly until you can feel that the radiater has engaged with the engine, then pull it quickly and strongly. Don't pull too far or it may break. Guide the cord back so that it recoils correctly.

Hold the saw down firmly with the left hard on the front of the engline housing Do not stand or kneel on the drive tube.

Place the clearing saw on the ground, with the engine unit squarely on its baseplate. Make sure that the cutting blade is not touching the ground or any obstruction.

periori = 3. The decompression valve, set it. The decompression valve needs set it. The decompression valve needs to be set each time a fresh attempt is made to start the engine.

the same time. Whilst keeping these breased in, pull the control lever back to the starting position. When release the throttle, control lever, and interlock: the throttle is now in position ready to start.

Set the choke lever to Z if the engine is control should be in the running control should be in the running control should be in the running position.

### 2. Press the interlock and the throttle at procedure for most clearing saws. If the hire company has given special instructions, then please follow them. Otherwise, follow the instructions below. This section describes the starting FROM COLD

### STARTING THE CLEARING SAW

8. Wipe any fuel off the machine. Dispose of thei soaked cloths carefully.
9. If any fuel is split on the ground, it must be wiped up or covered with soil.
10. If any fuel is split onto clothing, they must be changed immediately.
11. Put all fuel caps back on properly and move the fuel cap assis, cool place.

If possible move the machine sway from the work srees.

Clean the illustrates, and the srees around it to prevent dirt stilling into the fuel tank. Jakes the fuel can to mix the petrol and oil. Use a funnel when refuelling. Do not spill and fuel onto bare skin, clothing or spill and fuel onto bare skin, clothing or the machine.

Wine machine.

Wine says their off the machine.

.6

Two smoking, who smoking, and smoking and smoking angline oil with petrol. If the hire company have given special instructions on how much oil to use, then they must be followed. Otherwise, and the smokine wo stroke oil to 26 special who stroke oil to 25 special who should be fitted. Stop the engine and let it cool down. If possible move the machine away it possible move the machine away. ио гиокид:

#### **BEFUELLING**

decompression valve. This is only used when starting the clearing saw threeds to be pressed before each fresh. The choke control should only be used when first attempting to start the engine from cold.













CONTROLS

# **Clearing Saw**

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

#### It is important to read this entire leaflet **BEFORE using the Clearing Saw**

1605 Safety Guidance

2 STROKE PETROL

- Petrol mixture is highly flammable. Take care not to cause a fire or explosion.
- The clearing saw is designed for thinning brush and cutting small trees up to about 6cm (2.5ins) diameter.
- The saw blade on the cutting head rotates very fast and can cause injury or damage if the machine is not used in a careful and controlled way.
- If the user has not operated a clearing saw before, they must familiarise themselves with how the machine works before starting the main task
- Plan ahead to make sure work is carried out safely.
- The following items of personal protective equipment must be available for use; Impact resistant face shield or goggles; EN 166-B or BS2092 grade 1;

Ear muffs or plugs giving protection for levels up to 107 dB(A); Safety helmet to EN397 or BS5240;

Safety boots to EN345 or BS1870/4972;

- The machine must not be used by minors, or by anyone under the influence of
- The machine is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.











**BAY 788 Iludilos** 



Banner

Every effort has been made by HAE/EHA to ensure that the information given in this document and supporting materia is accurate and not misleading, HAE/EHA cannot accept responsibility for any loss or liability perceived have arisen from the use of any such document/material. Only Acts of Parliament and Statutory Instrument from the use of any such document/material. Only Acts of Parliament and Statu have the force of law and only the courts can authoritatively interpret the law.

44 (0) 121 380 4600 44 (0) 121 333 4109

шяλ

There may be an interlock control on the throttle trigger, to prevent the throttle being aloneszed accidently. The throttle being always be pressed interlock must always be pressed abefore the findtile can be squeezed. You always need to press any interlock you always need to press any interlock.

This section describes the controls found on most clearing saws. Check trying to operate it.

There may be as interest, the controls before may be as interest.

The backe of guard around the cutting Make sure the guard around the cutting blade is in place and adjusted conectly. Fut the carrying harmess on and adjusted solute it so orhait it is comfortable but secure. Make sure the operator understands all of the controls before starting the of the solutions. In controls the controls before starting the how to stop the machine.

Make sure to use the correct type of blade recommended by the hire company for the material being cut. Only use a sharp blade and fit if in the correct manner. Do not improvise.

West gloves when fitting or adjusting the blade or guard
Make sure the unrard around the cutting.

The cutting blade should be covered, during transport and when in storage, to protect the blade and the user.

Clearing saws should only be used at or near ground level.

use snything found damaged – contact the hire company.

Do not operate the clearing saw without bo not operate the clearing saw without

pave

The Crescent Birmingham Business Park nuo sinagan uah



You always need to press any interested.
You always need to press any interlock in hefore you can squeeze the throttle.

The main control lever has three positions, in normal running it is at the positions, in normal running it is at the positions. In the control lever the control lever the control lever the control ever the control ever the control ever the control ever the control every the control ever machine əuı Check the machine, engine, and all equipment including harness. Do not **CLEARING THE SAW** 

Wear gloves especially when changing or adjusting the blade. Anybordy working near to the clearing saw must also wear the appropriate personal protective clothing. A safety helmet needs to be worn (BSS240) when working with this machine. Tie up any long hair to prevent it being caught in the machine. BE1870/4972).

West safety boots (EN345 or BS1870/4972).

appropriate ear muffs or plugs giving hearing protection for this as a minimum.

The following items of personal profective equipment (ppe) are the profective degram in the cleaning saw is used. Particular jobs or environments may whenever the cleaning saw is used. Particular jobs or environments may require a higher level of protection. A face shield (EVI-166B or BS2092 grade 1) must be worn when working up stones or debris. The equipment is likely to cause noise levels or up to 107dBK) — west levels or up to 107dBK) — west levels or up to 107dBK).

#### **SHOTARAGO**

Work area.

Before starting, clear the area of stones,
mire stout branches and other debris
that could foul the saw blades.

Check that there are no hidden electric
cables, water pipes, low fences, or
other obstructions where the operator
is going to be working.

Oymnoers.

To reduce the risk of serious or fatal injury from breathing toxic fumes, never turn the clearing as windoors or in poorly verhilated locations.

Make sure the area is clear and safe and that no-one is near to or could distract the operator.

Protect other people from the noise and clears. Warn others to the protect of the perator.

Work sires.

Before starting, clear the area of stones.

Do not use the clearing saw where there is a danger of explosion. It will ignite fumes from petrol, or gas outlinders

**MORK AREA**