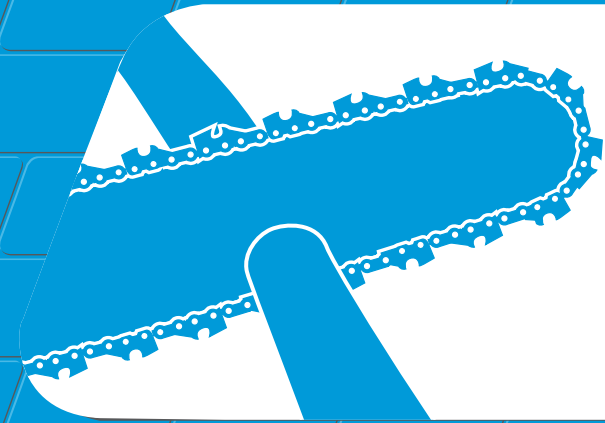


HSS Hire



Electric Chainsaws

A heavy-duty electric machine; Ideal for logging and felling trees



Code O3702/O3799

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 tool for the job Contact your local HSS Hire for advice.

When not in use, store the equipment with the chain bar cover fitted, somewhere clean, dry and safe from thieves.

FINISHING OFF

Withdraw the guide bar from the cut and release the ON/OFF trigger.

Wait for the chain to stop, unplug the saw from its power supply, then refit the chain bar cover.

Finally, clean the saw ready for return to your local HSS Hire.



... have you been trained

The law requires that personnel using chainsaws must be competent and qualified to do so. Training 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

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

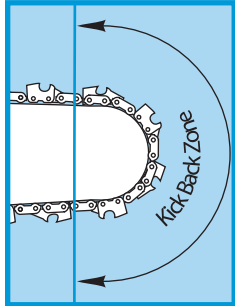
Web Site: <http://www.hss.com>

Squeeze the trigger and bring the saw up to maximum speed and cut vertically downward or horizontally in a straight line without forcing the saw through the wood. If felling a tree, do not cut lower than 10" (250mm) above soil level and never use the saw to cut roots (this includes stumps previously pulled from the ground). Remember, soil is the chain's worst enemy and will blunt a chain in seconds!

To help stop the saw 'kicking back' out of control, always cut with the underside of the guide bar nearest the saw-body, keeping the front of the saw body against the wood. NEVER cut with the tip or top edge of the guide bar.

Never let the chain touch the ground, nor any metal or masonry obstructions. This may cause 'kick back' and will damage the blade.

If the saw does 'kick-back', the chainsaw's brake automatically stops the chain and isolates the motor from the power supply, so, release the ON/OFF switch immediately. Check the work to see what the cause of 'kick back' was, then take all necessary steps to ensure it doesn't happen again. Don't forget to reset the chain brake



Chain Tensioning

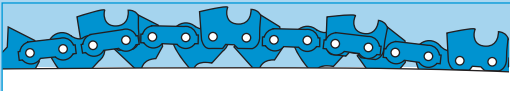
Each HSS chainsaw is fitted with a new chain for every hire. Check the chain tension after the first 10 minutes use and every 15 - 20 minutes thereafter.

Always switch OFF and wait for the chain to stop before doing this.

Always wear protective gloves.

To adjust the tension, slacken off the guide bar mounting nuts, angle the bar upwards, then turn the tension screw (inside edge of the bar) - clockwise to tighten the chain - anti-clockwise to loosen it.

At the correct tension, the chain should rotate freely and be slack enough to be moved by hand.



There should also be 4 guide teeth visible above the bar when pulled upwards, yet tight enough for them to stay in contact with the guide bar (see illustration). Re-tighten the guide bar mounting nuts, doublecheck the chain tension, then, wearing gloves, move the chain forward along the guide bar by hand to make sure it revolves freely.

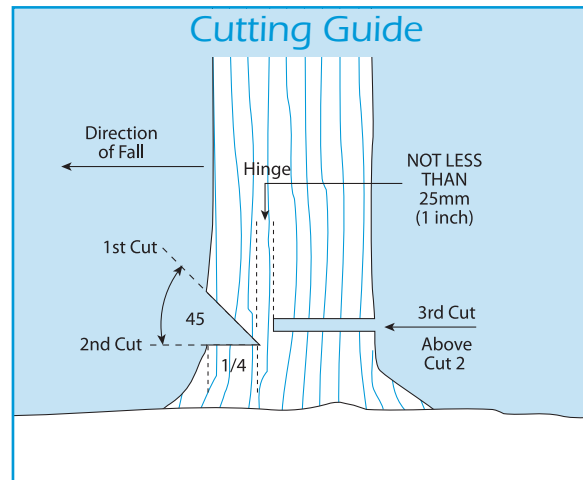
If the guide bar becomes trapped in a cut, release the ON/OFF switch and unplug the saw from its power supply before freeing it. Do not lever the bar free or you will damage the saw.

Make sure you are clear of the saw as it clears the cut. After finishing a cut, release the ON/OFF switch before moving on to another branch or tree.

Do not cut through branches that are under tension unless you have been specially trained.

CUTTING GUIDE

When making a final felling cut to a tree, follow the next few instructions carefully referring to the illustration for additional guidance.



The top directional cut is made first, bringing the saw downwards to a depth 1/4 the diameter of the trunk. Start high enough up the trunk to ensure you have enough room for the bottom directional cut.

The bottom directional cut is made by bringing the saw up to meet the top cut. A perfect directional cut has an angle opening of 45 degrees.

Next, the felling cut is made horizontally on the opposite side at a level slightly higher than the top of the bottom directional cut. The cut is made leaving at least 25mm to act as the hinge. When halfway through the felling cut, insert a pry bar, or drive a wedge, into the cut to prevent the saw being trapped.

When the cut is complete remove the chainsaw turn it off and put it down in a safe place.

Quick Tip



Make a small cut on the underside of any branch you want to lop, then cut down from the top to remove it. Never try to cut right through a branch from one direction or the saw will jam in the cut.

GENERAL SAFETY

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

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

This equipment has been designed to be used by an able bodied adult. If you suffer from either a temporary or permanent disability, you must seek expert advice before using this equipment.

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

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.

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 your local HSS Hire.

This equipment should only be used by a competent person who has received instruction and demonstration from a suitably trained HSS staff member at the point of hire, and who has read and understood these instructions.


The Law and Using a Chainsaw at Work

The Provision and Use of Work Equipment Regulations 1998 (PUWER) extends its application to people who have control to any extent of: Work equipment.

A person at work who uses or supervises or manages the use of work equipment. Or

The way in which work equipment is used. Anyone using this chainsaw at their work should have received adequate training and be competent in the use of a chainsaw for the task being performed.

If this work involves use of the saw on or in a tree the operator may need to hold a certificate of competence.

 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 clothing and steel toe capped boots beneath the HSS chainsaw Safety Kit supplied as part of the hire - the kit consists of a safety helmet with visor and ear defenders, gauntlets, plus ballistic-nylon jacket, overtrousers and spats.

Wear all items and DO NOT substitute any other garments for those supplied in the Chain Saw Safety Kit. Note that this safety wear is cleaned and maintained by HSS for your comfort.

Avoid loose garments and jewellery that could catch in moving parts. Tie back long hair.

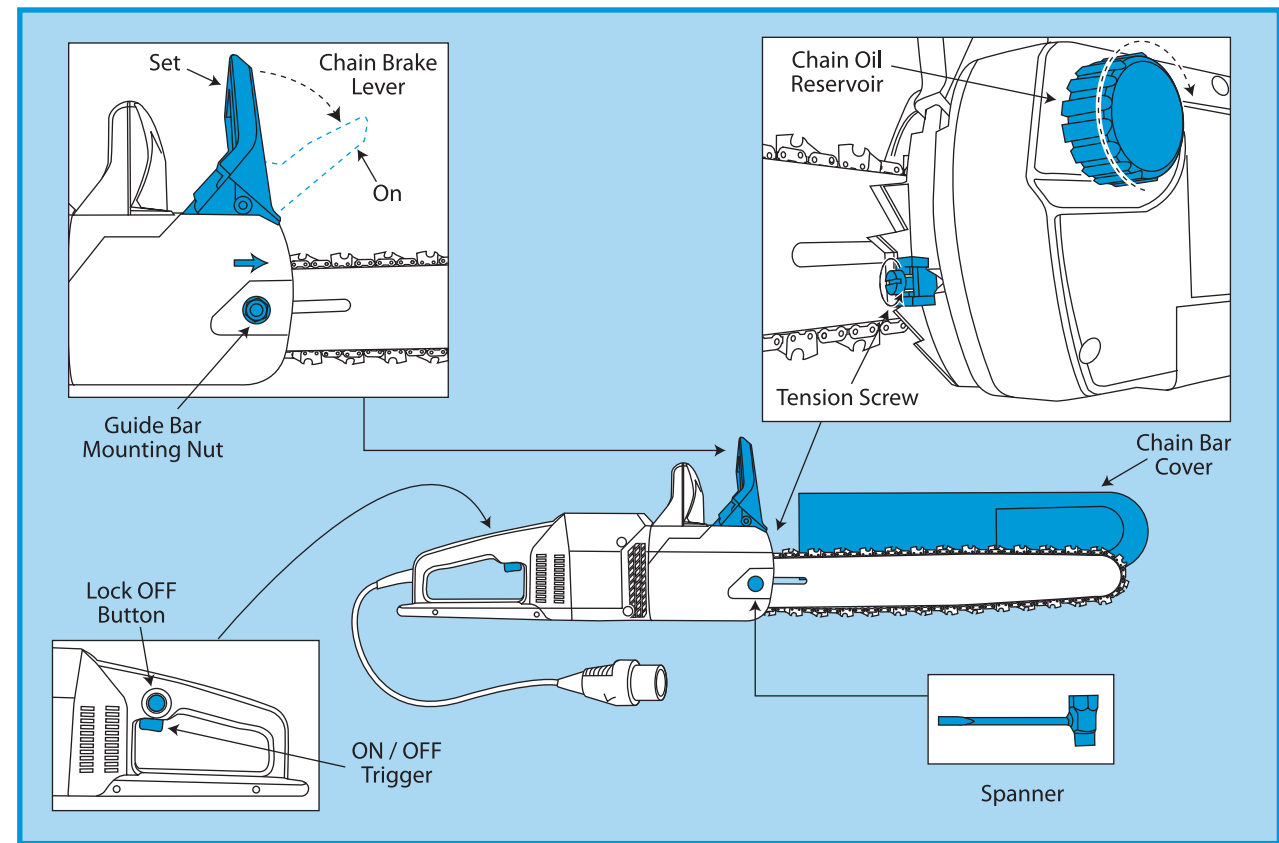
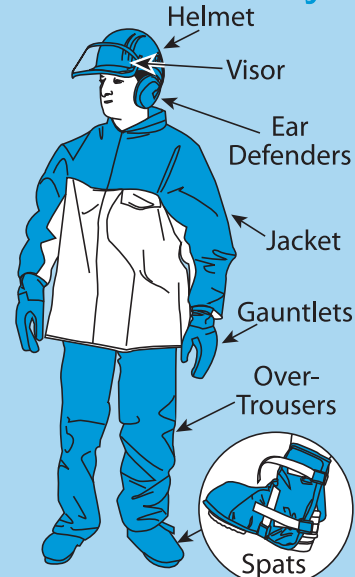
Make sure you understand how to switch the chainsaw OFF before switching ON, in case you get into difficulty. Never use the chainsaw unless there is someone within earshot to summon help in the event of an accident. Never tamper with any safety devices fitted to this machine. Ensure the work area is well lit and ventilated. Do not work near flammable gases or liquids. Always unplug the chain saw from its power supply when not in use and replace the chain bar cover, never leave it unattended.

Think before you cut. Work out where the tree or branch will fall and clear the danger area. Remove trip hazards and ensure you have a clear emergency escape route. Watch your footing. Think twice before working anywhere other than on firm, level ground. Never work in slippery or wet conditions.


Never work above ground level unless you have been specially trained for the job, not even from a ladder or steps. And never work near overhead cables.

Always check the equipment's condition before use. If it shows signs of excessive wear or damage particularly to the chain and power supply cable do not use it. Return it to your local HSS Hire. Always switch OFF then unplug the saw from its power supply before attempting to clean, service or adjust it. COSHH information sheets are available from your local HSS Hire.

HSS Chain Saw Safety Kit



ELECTRICAL SAFETY

 HSS Electric Chainsaws are supplied with a dedicated RCD Garden Safety Lead, which incorporates an RCD (Residual Current-Operated Device).

To reduce the risk of electric shock, only use the RCD protected lead supplied with the chainsaw.

The RCD lead supplied with this machine is there to protect you. DO NOT ADAPT OR BY-PASS IT. If you cut the cable, isolate the lead from the power supply and contact your local HSS Hire.

If the equipment fails, or if its flex or plug becomes damaged, return it. Never try to repair it yourself. Keep flexes out of harm's way, and clear of the work area. Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous. Ensure the chainsaw and power supply socket are switched OFF before plugging into the power supply.

GETTING STARTED

The chainsaw is supplied with a chainsaw safety kit, this is included in the hire price, WEAR ALL ITEMS SUPPLIED. Ensure you are wearing the kit BEFORE starting and when using the chainsaw. Check the chain oil reservoir is full and top up with non-flying chain oil if necessary (available from HSS). Continue to check the oil level at 15 - 20 minute intervals. Clean the filler cap before removing or replacing it. Place the saw on firm, level ground and set the chainbrake. Simply pull the lever backward until you hear it click. Keep your right hand on the ON/OFF switch grip and your left hand on the bar grip at all times. To start the saw, push the lock OFF button with your thumb, then squeeze the ON/OFF trigger with your index finger. To stop, simply release the ON/OFF trigger.

BASIC TECHNIQUES

Never work with the saw above shoulder height. Adopt a stable, comfortable stance - one that gives a good view of the cut - keeping the whole of your body clear of the chain.