

BASIC TECHNIQUES

Adjust the angle of the safety guard to suit the work using the adjustment knob on the top.

Take special care **if the cut-off saw is trolley mounted. The guard should be set to remain just clear of the ground** (i.e. the surface you are cutting into) at all times.

Adopt a comfortable, balanced stance that allows a good view of the cut. Never use a cut-off saw when standing on an unstable platform, or on slippery, uneven ground.

Hold the machine firmly with both hands and **squeeze the throttle trigger to bring the wheel up to speed** before starting the cut. Do not release the trigger again until the saw is clear of the work.

On the trolley-mounted version, the throttle control is located on the trolley handle and you simply tilt the trolley backwards or forwards to raise or lower the wheel as required.

When using the trolley-mounted version, **always make the cut by moving the trolley forwards.**

Use the dust suppression kit to control the dust created during the cut. **NOTE: THE DUST SUPPRESSION KIT MUST ONLY BE USED WITH DIAMOND WHEELS, NOT WITH STANDARD ABRASIVE WHEELS**

Let the Cut Off Saw do the work – don't try to force it through the material.

Keep the machine and/or work as steady as possible. **Keep the cut straight** and do not allow the cutting wheel to twist in the cut.

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 Shop 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.

If working with very dusty materials, or if using the trolley-mounted version, stop work and **clean the saw more frequently.**

When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

FINISHING OFF

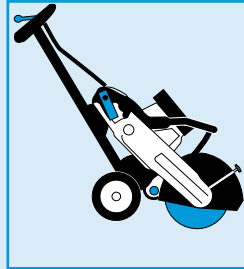
Set the ON/OFF switch into the **OFF** position. Wait for the engine to stop and for the cutting wheel to stop rotating.

If the machine is not to be used again, **remove the cutting wheel** by simply reversing the fitting procedure (see Getting Started).

All that remains is to **give the unit a final clean** before returning it to your local HSS Hire Shop.

Trolley Tip

If you wish to use the trolley-mounted version as a normal cut-off saw, **stop the engine and simply de-mount it from the trolley.** It is held in place with two clamps; one for the saw's main handle, the other for the bottom of its front bar grip. **Merely slacken off the clamps' bolts and lift the cut-off saw clear.** But take care when re-mounting. **Make absolutely sure the cut-off saw**



is clamped firmly to the trolley (without over-tightening the clamp bolts). And check that the saw's trigger is operated by the linkage from the trolley's throttle control and give the unit a final clean up ready for return, to your local HSS Hire Shop.



...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

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HSS Hire Shops



12" Portable Cut-Off Saw

For on site cutting of bricks, blocks, concrete, stone, roof tiles and metalwork.



GENERAL SAFETY

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



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 Shop.

  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.

 Some materials when cut contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment. Respiratory protective equipment is available for hire, contact your local HSS Hire Shop for details.

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

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Hire Shop.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance - at least 5m.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Never leave the unit running and unattended.

Always switch the engine off and wait for moving parts to come to rest before making adjustments to it. Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them.

Exhaust Danger

NEVER operate petrol engines indoors or in a confined space.

The exhaust contains gases that can kill.

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 spillages 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.

Make sure that everyone is warned of what you are doing.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

Ensure the guard is correctly fitted and secure before starting work.

COSHH information sheets are available from your local HSS Hire Shop.

GETTING STARTED

A range of diamond blades is available on sale or return to suit most applications. Contact your local HSS Hire Shop.

To fit the 300mm abrasive or diamond wheel, immobilize the rear flange plate by inserting a locking pin into the hole in the drive belt housing.

Unscrew the flange retaining bolt with the spanner provided, remove the outer flange and seat the new wheel onto the inner flange.

Refit the outer flange and screw the flange retaining bolt back into place, DO NOT OVERTIGHTEN.

Double check that both flanges are secure, the wheel is central and spins freely.

Finally, ensure that the safety guard is in the normal operating position.

Mix 5 Litres of unleaded petrol with 1 bottle of HSS 2-Stroke oil in a suitable container, and fill the fuel tank. Each tank full gives about 30 minutes use. Never add the oil and petrol to the tank unmixed.

Set the red ON/OFF control to the ON position by pushing fully in, to switch OFF pull the switch back out again.

If starting from cold, set the blue choke control to ON by pulling out, then push in the de-compressor button.

The unit is fitted with an operators presence lever (OPL), the throttle cannot be operated unless the OPL is firstly depressed.

Now, depress the OPL and operate the throttle trigger, set the throttle half on and hold using the trigger lock button.

Set the machine on a firm level surface with the blade clear of the ground and clear of any obstruction, as it will rotate as soon as the engine starts.

Pull the starter cord a few times until the engine 'coughs', then push the choke in to it's off position and pull the starter once more. The engine should start.

Once the engine has warmed up release the trigger lock (squeeze and release the throttle) to set the throttle in the idling position.

If restarting after a short break, you need only set the throttle trigger half-open using the throttle lock button. If the engine floods, push the choke fully in to its off position, hold the throttle trigger full on, then pull the starter cord repeatedly until the engine starts. Now stop the engine and prepare the work area.

If using the water feed system, connect the unit's water connector to a fresh water supply or pressurised water container.

12" Portable Cut-Off Saw

