



For guidance on managing construction health risks go to

www.hse.gov.uk/construction



0211 Safety Guidance

It is important to read all of this leaflet

BEFORE you use the Cut-off Saw

Electricity is dangerous and must always be used with great ca

Plan your work and think ahead to make sure you will always be

This cut-off saw is designed to cut concrete, masonry, asphalt, steel

cast iron and similar materials using the appropriate abrasive or

Cut-off 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.

The action of this cut-off saw can cause injury or damage if the machine is not used in a careful and

If you have not used a cut-off saw before, familiarise yourself with the machine on some straightforward

You must have at least the following items of personal protective equipment: impact resistant goggles.

EN166 - B or BS2092 grade 1; dust mask a minimum of EN149 FFP3(s) protection; ear muffs or plugs giving protection for levels up to 98 dB(A); safety boots to EN 345 or BS 1870 / 4972; gloves; rcd if

This cut-off saw must not be used by minors, or by anyone under the influence of drugs or alcohol.

This cut-off saw is designed for operation by an able bodied adult. Anyone with either temporary or



Using the Cut-off Saw

- Wear your protective equipment including ear defenders, dust mask and goggles. 2
- Switch off and remove the plug from the socket before making adjustments or fitting or changing the
- Check that the cutting wheel is fitted correctly and that the guard is properly adjusted
- Always hold the saw securely with both hands: left hand on the front handle, right hand on the rear.
- 5. Make sure that the saw is running at full speed before lowering it carefully onto the surface.
- Be prepared for the reactive force when the wheel contacts the surface to be cut: the machine will pull away from you or pull up a vertical surface.
- If the saw starts to labour and slow down, do not force it so hard. Do not overload the saw. Long shallow cuts keeping the wheel speed up are more effective than aggressive pressure.
- When you come towards the end of the cut, release some of the pressure on the machine and be prepared for it to come free from the material
- The machine can only cut in straight lines. Do not try to go round corners.
- Only use the machine up to shoulder height. Arrange a suitable working platform if you need to cut higher
- Watch out for signs that vibration may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from using the machine. Exercise your fingers to encourage blood
- To help prevent vibration affecting your hands, operate the machine for shorter periods, keep your nds warm - wearing gloves may help do this.
- Stop the saw if someone approaches you.
- 14 Keep the cable clear of the cutting wheel.
- If you think the cable may be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the cut-off saw is damaged, stop using the machine, contact the hire company. If an extension cable has been damaged, do not use it again.
- 16. Take care not to accidentally pull the plug from the socket.
- After switching off, wait for the wheel to stop completely before you put the machine down.
- 18. Switch off and remove the plug from the socket before leaving the cut-off saw unattended.
- If your equipment does not work properly do not attempt to repair it. Contact the hire company, Please store this leaflet safely. It may be required for further information









2450 Regents Court











working safely.

diamond wheel.

controlled way.



permanent disability must seek expert advice before using it.

work before you start on the main task.

using a 230 volt (mains) supply.









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connections are dry and safe. Маке sure that any extension uid catch lire. run over it, unroll it fully or it will overheat and be trapped, and places where vehicles might Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might



working each time you use it. Heset the red or machine get damaged.

Use the 'TEST' button to check that the rcd is

biotect you against electric shock if the cable socket. Plug your machine into the rcd. This will help to protect your against aloetries. TETE A Use a residual current device ('rcd') plugged directly in to the 230 volt spects Plus your machine 4



Make sure that any extension cable will overneat and could catch fire. liquids, sharp edges, doorways or windows where it might be trapped, and places where it unight run over it. Unroll it fully or it will newbest and could catch fire.

transformer and the machine. longer than 50 metres (160 feet). You must only use an extension cable between the ated neavy duty 110v extension cable, not

have not given any special instructions you should only use a suitably part of the state of the company. If the hire company given by the hire tollow any If you need to use an extension

It you are using a portable transformer directly into the 230 volt socket. Do not use any 230v

110 VOLI MACHINES (YELLOW PLUG)

blue industrial plug. Read the instructions below square pin plug fitted, or a llow industrial plug fitted. 230v machines TIV MACHINE WIII NAVE A will be 110v or 230v. rate on one voltage: it YI 34AS JADIH I DAJA

thei can to a cool, safe place. 11. Put all fuel caps back on properly, and move the

- straight away. 10. If any fuel is spilt on your clothes, change them
- wibe it up or cover it with soil. It small amounts of fuel are spilt on the ground,
- wipe any ruer off the machine. Dispose of ruer
- on yourself or the machine. Use a funnel when refuelling. Do not spill any fuel
- Strake the ruel can to mix the petrol and oil. prevent dirt falling into the fuel tank
- work area. Clean the filter cap and the area around it to °C scible move the machine away from the
- Stop the engine and let it cool down. Officerwise use Timeasures of petrol (40ml per
- etrol. If the hire company has given special structions on how much oil to use, follow them. Use a tresh mixture of two stroke engine oil with

bisce and adjusted correctly. Make sure the guards around the wheel are in direction of rotation mark on the wheel.

that the bore size is the same as the spindle diameter. You must also comply with the 7. When fitting diamond wheels, you must check











BAY 788 Iludilos The Crescent Birmingham Business Park noo sinegen uch



cutting on the edge only. Any side pressure could shatter them. Do not try to carry out any Abrasive wheels fitted to this cut-off saw are for off wheel is certified to a higher speed than that

44 (0) 121 333 4109

44 (0) 121 380 4600

Look at the speed stated on the label of the cutting off wheel you are using, and the speed shown on the cut-off saw. Check that he cutting the transferd to a present state of the cutting that the cutting that the cutting that the cutting that the contract that the cutting that the cutting that the cutting that the cutting that the contract that the contract that the cutting that the cutting that the cutting that the cutting the cutting that th naterial being cut. wheel recommended by the hire company for th

Make sure you use the correct type of cutting perore making adjustments or changing the

- work location, ready to start work.

 Switch off and remove the plug from the socket before and remove the plug from the socket.
- unless you are competent to do so.

 Do not fit the cutting wheel until you are at the YOU MUST NOT TIT OF CRANGE ANY ABERSIVE WREEL
- **CULTING WHEELS**

before you switch the saw on, you must know

- materials containing asbestos. Check on how the on/off switch operates
- start work, and wear gloves to keep your hands warm while you are working.

 Do not use this cut-off saw to cut asbestos or Vibration from using this machine can be hazardous. Warm your hands up before you
- on the rear. nands: left hand on the front handle, right hand Always hold the cut-off saw correctly with both scriety claimped of field iff a vice.
- Any work that is not part of a fixture should be one industrial plug.
- nave either a normal square pin plug fitted, or a designed to run directly from 230v mains will it may be heavier think you think.

use the cut-off saw – contact the hire company. Check that the plug on your saw matches your guardly. To not the force compositons or Check your saw, cables, plugs and cutting wheels. If anything is found damaged, do not WAS FIGHT SAW

care not to injure yourself when moving it about

machine from a normal mains 230v supply. If a portable transformer has been supplied, take

portable transformer if you need to power the

litted are designed to run off a special 110v

Saws with a cylindrical yellow industrial pl

The hire company will have provided

no not try to lorce connections or

est appropriate personal protectiv

- Anybody who is working near to you will also
- (with a minimum of EN149 FFP3(s) protection) You must wear safety boots (EN345 or BS1870 + A972) You will need to wear an appropriate dust mask

giving hearing protection for this level as a This cut-off saw is likely to cause noise levels up to 98 dB(A) – wear appropriate ear muffs or plugs WITH THIS CUT-OFF SAW.

B or BS2092 grade 1) when you are working You must wear impact resistant goggles (EN166

worn whenever you use this machine. Particular equipment (ppe) are the minimum that sh The following frems of personal protective

das or water pipes where you are going to cut.

Check that there are no hidden electric cables,

- Do not use this saw in the rain or where it might warn others to keep away.
- no-one is near to you or could distract you.

 Protect other people from the noise and dust. Make sure that the area is clear and safe and that etrol, or gas cylinders.
- danger of explosion. It will ignite fumes from Do not use this cut-off saw where there is a

WORK AREA