Chase Cutter

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 all of this leaflet BEFORE using the Chase Cutter

1. Plan your work and think ahead to make sure you will always be working safely.
2. Electricity is dangerous and must always be used with great care.
3. This chase cutter is designed to cut grooves in most building materials including brick, plaster and building blocks.
4. The action of this chase cutter can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used a chase cutter before, familiarise yourself with the machine on some straightforward work before you start on the main task.
6. 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 105 dB(A); gloves; rcd if using a 230 volt (mains) supply.
7. This chase cutter must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This chase cutter is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

Using the Chase Cutter

1. 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 wheel.
3. Check that the cutting wheel is fitted correctly and that the guard is properly adjusted.
4. Always hold the chase cutter securely with both hands while working.
5. Make sure that the chase cutter is running at full speed before lowering it carefully onto the surface.
6. Be prepared for the reactive force when the wheel contacts the surface to be cut.
7. If the chase cutter starts to labour and slow down, do not force it so hard. Do not overload the machine.
8. The machine can only cut in straight lines. Do not try to go round corners.
9. Only use the machine up to shoulder height. Arrange a suitable working platform if you need to cut grooves higher than this.
10. Stop the chase cutter if someone approaches you.
11. Keep the cable clear of the cutting wheel.
12. If you think the cable may be cut or damaged in anyway, switch off and unplug at the socket before inspecting it. If the cable attached to the chase cutter is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
13. Take care not to accidentally pull the plug from the socket.
14. After switching off, wait for the wheel to stop completely before you put the machine down.
15. Switch off and remove the plug from the socket before leaving the cut-off saw unattended.
16. If your equipment does not work properly do not attempt to repair it. Contact the hire company.
17. You may want to read this leaflet again. Please keep it until you finish work.

Please store this leaflet safely. It may be required for further information

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Hire Association Europe
2450 Regents Court
The Crescent
Birmingham Business Park
Solihull B37 7YE

Telephone: 44 (0) 121 380 4600
Fax: 44 (0) 121 333 4109
Email: mail@hae.org.uk
website: www.hae.org.uk

Before Starting Work...

WORK AREA

1. Do not use this cut-off saw where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise and dust. Warn others to keep away.
4. Do not use this saw in the rain or where it might get wet.
5. Check that there are no hidden electric cables, gas or water pipes where you are going to cut.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggles (EN166 – B or BS2092 grade 1) when you are working with this chase cutter.
3. This chase cutter is likely to cause noise levels up to 105 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will need to wear an appropriate dust mask (with a minimum of EN149 FFP3(s) protection) when you are cutting material that causes dust.
5. Wear gloves and overalls to protect you from the dust.
6. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

CHASE CUTTER

1. Check your chase cutter, cables, plugs and cutting wheels. If anything is found damaged, do not use the chase cutter – contact the hire company.
2. Check that the plug on your chase cutter matches your supply. Do not try to force connections or improvise them.
3. Chase cutters with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about – it may be heavier think you think. Chase cutters designed to run directly from 230v mains will have either a normal square pin plug fitted, or a blue industrial plug.
4. Always hold the chase cutter correctly with both hands while working.
5. Do not use this chase cutter to cut asbestos or materials containing asbestos.
6. If vacuum dust extraction has been supplied with the chase cutter, make sure it is fitted and working, correctly.
7. Check on how the on/off switch operates – before you switch the chase cutter on, you must know how to stop it.

CUTTING WHEELS

1. You must not fit or change any abrasive wheel unless you are competent to do so.
2. Do not fit the cutting wheel until you are at the work location, ready to start work.
3. Switch off and remove the plug from the socket before making adjustments or changing the cutting wheel.
4. Make sure you use the correct type of cutting wheel recommended by the hire company for the material being cut.
5. Look at the speed stated on the label of the cutting wheel you are using, and the speed shown on the chase cutter. Check that the cutting wheel is certified to a higher speed than that shown on the machine.
6. Make sure the guards around the wheel are in place and adjusted correctly.

ELECTRICAL SAFETY

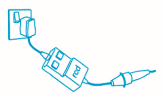
Your machine will only operate on one voltage: it will be 110v or 230v. 110v machines will have a yellow industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine.

110 VOLT MACHINES (YELLOW PLUG)

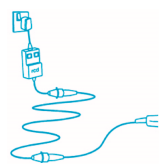
1. If you are using a portable transformer directly into the 230 volt socket. Do not use any 230v extension cables.
2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.

230 VOLT MACHINES

(SQUARE PIN OR BLUE PLUG)



1. Use a residual current device ('rcd') plugged directly in to the 230 volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.
2. Use the 'TEST' button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.



3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it, unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe

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