

# **Using the Chop Saw**

- Wear your protective equipment including ear defenders, dust mask and goggles
- Switch off and remove the plug from the socket before making adjustments or fitting or changing the wheel.
- Check that the cutting wheel is fitted correctly and that the guard is properly adjusted.
- If your machine is set to cut angles or beyels, make sure that the appropriate locking
- Make sure that the metal you are going to cut is securely clamped in the vice.
- Make sure that the wheel is running at full speed before lowing it carefully onto the
- Be prepared for the reactive force when the wheel contacts the surface to be cut. If the saw starts to labour and slow down, do not force it so hard. Do not overload the
- saw. When you come towards the end of the cut, release some of the pressure on the
- handle and be prepared for the wheel to come free form the material.
- Stop the saw 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 any way, switch off and unplug at the socket before inspecting it. If the cable attached to the chopsaw 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.
- After switching off, wait for the wheel to stop completely before you make any
- Switch off and remove the plug from the socket before leaving the chopsaw unattended. 16. If your equipment does not work properly do not attempt to repair it. Contact the hire
- company.

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







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connections are dry and sate. 4. Make sure that any extension cable it will overneat and cold catch life.

vehicles might run over it. Unroll it fully or might be trapped, and places where adorways of windows where it 3. Lay it out carefully avoiding liquids, sharp

extension cable, not longer than 50 metres (160 feet). Plug it directly into the use a suitable rated heavy duty any special instructions, you should only



qswsdeq. electric shock if the cable or machine get This will help to protect you against

machine into the rcd. Plug your socker. TITE directly in to the 230 volt device ("rcd") plugged 1. Use a residual current

## (SQUARE PIN OR BLUE PLUG)

### **S30 VOLT MACHINES** connections are dry and sare.

4. Make sure that any extension cable conld catch fire.

it. Unroll it fully or it will overheat and or windows where it might be trapped, avoiding liquids, sharp edges, doorways 3. Lay the extension cable out carefully machine.

between the transformer and longer than 50 metres (160 feet). You must only use an extension cable heavy duty 100v extension cable, not you should only use a suitable rated nave not given any special instructions the hire company. If the hire company ollow any special instructions given by z. It you need to use an extension cable, extension cables. voit socket.

plug the transformer directly into the 230 volt socket. Do not use any 230v If you are using a portable tran 110 VOLT MACHINES (YELLOW PLUG)

### ior your machine.

industrial plug. Read the instructions below normal square pin plug fitted, or a blue machines will have either yellow industrial plug fitted. 230v 230v. 100v machines will have a on one voltage: it will be 110v or Your machine will only operate

### **ELECTRICAL SAFETY**

are in place and adjusted correctly. Make sure the guards around the wheel try to carry out any grinding work. side pressure could shatter them. Do not are for cutting on the edge only.

Abrasive wheels fitted to this chopsaw higher speed than that shown on the that the cutting wheel is certified to a

ed shown on the chopsaw. the cutting wheel you are using, and the FOOK at the speed stated on the label of









# **Chop 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 Chop Saw

- 1. Plan your work and think ahead to make sure you will always be working safely.
- Electricity is dangerous and must always be used with great
- This chopsaw is designed to cut steel, cast iron, and similar materials using the appropriate reinforced abrasive wheel.
- The action of this chopsaw can cause injury or damage if the machine is not used in a careful and controlled way
- If you have not used a chopsaw before, familiarise yourself with the machine on some straightforward work before you start on the main task.
- 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 100dB(A); rcd if using a 230 volt (mains) supply.
- This chopsaw must not be used by minors, or by anyone under the influence of drugs
- This chopsaw is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice being using it.













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ph the hire company for the material reinforced cutting wheel recommended Make sure you use the correct type of cuanging the cutting wheel. socket before making adjustments or

Switch off and remove the plug from the at the work location, ready to start work. Do not fit the cutting wheel until you are wheel unless you are competent to do so. You must not fit or change any abrasive

### **CULTING WHEELS**

know how to stop it.

- before you switch the saw on, you must Check on how the on/off switch operates always be securely clamped in the vice. The metal you are going to cut must square pin plug fitted, or a blue industrial

from 230v mains will have either a normal about - 9it may be heavier than you think. Saws designed to run directly not to injure yourself when moving it transformer has been supplied, take care normal mains 230v supply. If a portable It you need to power the machine from a will have provided a portable transformer special 110v supply. The hire company plug fitted are designed to run off a Saws with a cylindrical yellow industrial connections or improvise them.

matches your supply. Do not try to force Check that the plug on your saw

confact the hire company. damaged, do not use the chopsaw cutting wheels. If anything is found 1. Check your saw, cables, plugs and

#### **CHOPSAW** biotective equipment.

gizo used to wear appropriate personal Anybody who is working near to you will material that causes dust.

**FFP3(s)** protection) when you are cutting dust mask (with a minimum of EN149 tou will also need to wear an appropriate protection for this level as a minimum.

ear muffs or plugs giving hearing levels up to 100dB(A) - wear appropriate This chopsaw is likely to cause noise when you are working with this chopsaw. goggles (EN166 - B or BS2092 grade 1) You must wear impact safety resistant of protection.

environments may require a higher level you use this machine. Particular jobs or minimum that should be worn whenever protective equipment (ppe) are the The following items of personal

## **OPERATORS**

it might get wet.

Do not use this saw in the rain or where around while you are using it. sately and securely and will not move

Make sure that the chopsaw is sited qnar. Warn others to keep away.

Protect other people form the noise and

and that no-one is near to you or could Make sure that the area is clear and safe from petrol, or gas cylinders. danger of explosion. It will ignite fumes

Do not use this chopsaw where there is a

**WORK AREA** 

