



12. To help prevent vibration affecting hands, operate the machine for shorter periods. Keep hands warm – wearing appropriate industrial gloves may help with this.
13. Never lay the power tool down until the cutting wheel has come to a complete stop. The spinning wheel may contact the surface and pull the power tool out of your control.
14. Do not run the power tool while carrying it at your side. Accidental contact with the spinning wheel could snag your clothing, pulling the accessory into your body.
15. If the Cut-off Saw does not work properly do not attempt to repair it. Contact the hire company.

#### BATTERY CHARGING, USE AND CARE

1. Do not use, charge, or store the battery or equipment housing the battery in explosive environments.
2. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
3. Do not touch the battery terminals with your fingers, tools, jewellery, or other electrically conductive objects.
4. When the battery pack is not in use, keep it away from other metal objects, like nails, screws, keys, coins, paper clips, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
5. If the battery is misused and/or becomes damaged, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
6. Never use or charge a battery that has suffered an impact or been damaged in any other way. Check the battery cartridges or equipment housing regularly for signs of damage or leaking fluids. Damage to batteries or fluid leaking from batteries must be reported to the hire company immediately.
7. Never expose batteries to direct sunlight, elevated temperature, sparking, or open flame. This can lead to fire or explosions.
8. Only charge the battery indoors in a location with good airflow and away from sunlight. Do not charge the battery outdoors. Keep batteries away from rain, moisture, and liquids. Penetrating moisture can cause short-circuits, electric shock, burns, fire and explosion.

#### 230 VOLT CHARGERS (13 Amp Square Pin or 16 Amp Blue Plug)

1. A residual-current device (RCD) or residual-current circuit breaker (RCCB) should be used, plugged directly into the 230v socket. The charger should be plugged into the RCD. This will help protect against electric shocks if the

cable or equipment gets damaged.

2. The 'TEST' button should be used to check that the RCD is working each time it is used. The RCD should be reset according to the instructions supplied with it.
3. Wherever possible avoid the use of extension cables. If an extension cable is required, follow any special instructions given by the hire company. If the hire company has not given any special instructions, only a suitably rated extension cable should be used, no longer in length than that specified by the manufacturer or as advised by the Hire Company. It should be plugged directly into the RCD.
4. The cable should be laid out carefully, not presenting a trip hazard, avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where it may be run over by vehicles. It should be unrolled fully or it will overheat and could catch fire.

#### TRANSPORTATION AND STORAGE OF CORDLESS TOOLS AND BATTERIES

1. Always transport the equipment with the batteries removed.
2. Ensure that equipment is suitably secured to prevent damage during transportation.
3. Transport batteries in manufacturers carry-case wherever possible ensuring that battery packs are correctly housed in the dedicated mouldings within the case. During transport, batteries should be protected from excessive shock and vibration and isolated from any conductive materials that may come in contact with the terminals and cause a short circuit, for example, metal screws or fixings. Comply with the locally applicable regulations for transporting batteries.
4. Store batteries in a cool and dry place. Cool storage will increase battery life. Never store batteries where they are exposed to direct sunlight, on sources of heat or behind glass. Store batteries away from fuel sources such as combustible materials, wooden benches/storage equipment, cardboard, fuels, oils, and gases.
5. Always store the Cut-Off Saw with the batteries removed.
6. Do not store batteries on the charger. Always remove the battery from the charger when the charging operation has completed.
7. Store the product and batteries where they cannot be accessed by children or unauthorised persons.
8. Prior to each use after either prolonged transport, and before and after prolonged storage, check the product and the batteries for damage.

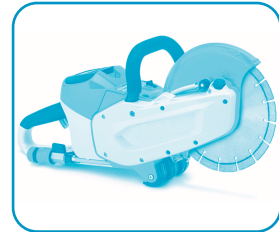
**Please keep this leaflet safely as it may be  
required for future reference**

# Cut-off Saw (Battery)

**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 you use the Cut-off Saw

1. Plan your work and think ahead to make sure you will always be working safely.
2. This hand-held cordless Cut-off Saw is designed for outdoor and indoor dry-cutting or wet-cutting of mineral or metallic construction materials and asphalt with abrasive cut-off wheels or diamond cut-off wheels.
3. To reduce the amount of dust produced by cutting, the correct / compatible wet-cutting accessories, or dust extraction attachments, should be used. Consult with the hire provider for further assistance. Carelessness or misuse could cause a serious or fatal accident.
4. This machine will damage property if it is not used carefully. Practice on some scrap material if you have not used it before.
5. Make sure that there are no hidden electricity cables, gas or water pipes where the cut is to be made. Consider using a cable and/or pipe detector, ask the hire company for suitable types available.
6. If work involves break-through, always secure the area on the side opposite where the work is carried out. Pieces of debris could drop out and/or fall down and injure other persons.
7. AWear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and protective clothing capable of stopping small workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
8. A personal first-aid kit should be available.
9. This machine must not be used by young persons, or by anyone under the influence of drugs or alcohol.
10. This machine is designed for operation by an able-bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
11. Although most Cut-off Saws are designed for one person operation you should always be careful not to lift beyond your own capabilities.



## WORK AREA

1. Do not operate this equipment in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
2. Make sure that the work area is well lit, clear and safe and that no-one is close by and could cause distraction.
3. Protect other people from the noise. Warn others to keep away, set up an exclusion zone around the area where the Cut-off Saw is being used with physical barriers, barrier tape and signs. Keep children and animals away when using this equipment.
4. Work should stop immediately should anyone, other than those directly assisting with the work, enter the exclusion zone.
5. Clear the area of trip hazards such as rubble, rubbish etc.

## OPERATORS

1. The following items of personal protective equipment (PPE) are the minimum that should be worn whenever using the Cut-off Saw. Particular jobs or environments may require a higher level of protection.
2. Wear appropriate close fitting safety spectacles or goggles (EN166).
3. Always wear an appropriate dust mask where dust is generated (FFP3 to be considered as the minimum level of protection).
4. This equipment is likely to cause noise levels up to 112.9 dB(A) – Wear appropriate ear defenders or ear plugs (EN352). You should pick ear defenders or ear plugs that can be shown to give enough protection to limit the risk of hearing loss. You may need to check that the ear defenders you pick do not make things too quiet. When ear defenders or ear plugs are too good, they make it hard to hear important orders or alarms.
5. Safety boots must be worn with non-slip soles (EN ISO 20345).
6. Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts. Clothing must be sturdy but allow complete freedom of movement. When cutting steel, always wear clothing made of material such as cotton with flame retardant properties, not man-made fibres. Clothing must be free from flammable deposits (fuel, oil, etc.).
7. Vibration from using this machine can be hazardous. Warm hands up before commencing work, and wear industrial quality gloves to keep hands warm while working. Find out more about the effects of vibration - Ask the hire company for a copy of the HAE leaflet no. 2150 – Hand-arm vibration or visit [www.hse.gov.uk/vibration](http://www.hse.gov.uk/vibration)
8. When combining PPE, it is necessary to check that it is compatible in order to ensure that it will provide reliable protection when being worn together.
9. Anybody who is working close by will also need to wear identical personal protective equipment.

## CUT-OFF SAW

1. Check your machine for any signs of damage or defects, including the battery packs. If anything is found to be

# Before Starting Work...



damaged, do not use the Cut-off Saw and contact the hire company.

2. Any work that is not part of a fixture should be securely clamped or held in an appropriate vice.
3. You must not fit or change any abrasive or diamond wheel unless you are competent to do so.
4. Make sure the correct type of cutting wheel as recommended by the hire company for the material being cut is used.
5. Look at the speed stated on the label of the cutting off wheel being used, and the speed shown on the Cut-off Saw. Check that the cutting off wheel is certified to the speed at least equal to, or greater than that shown on the machine.
6. When fitting abrasive or diamond wheels, you must also check that the blade diameter and the bore size of the cutting wheel match the specific Cut-off Saw. When fitting diamond wheels, you must also comply with the direction of rotation mark on the wheel.
7. Use only the correct tools supplied with the Cut-off Saw for the mounting and securing of the cutting wheel.
8. Make sure that the cutting wheel guard is securely attached to the Cut-off Saw and it is correctly adjusted for maximum safety so the least amount of wheel is exposed towards the operator whilst in use. Position yourself and bystanders away from the plane of the rotating wheel. The guard helps to protect the operator from broken wheel fragments and accidental contact with the wheel.
9. Check that there are no hidden electric cables, gas or water pipes where the cut is to be made. Consider using a cable and/or pipe detector, ask the hire company for suitable types available. Ask the hire company for HAE leaflet no.1415 – cable location and signal generator.
10. Do not use this machine to cut asbestos containing materials.
11. Keep the power tool clean. Ensure that the battery packs are removed before cleaning the Cut-off Saw. Always clean the power tool and the Li-ion batteries separately. Do not use a high-pressure cleaner and do not attempt to spray them clean with a garden hose, for example. Always dry the Cut-off Saw and Li-ion battery separately from each other. Clean the ventilation slots on the power tool at regular intervals. The motor's fan draws dust into the housing and a build-up of metallic dust can cause electrical hazards.

## CONTROLS

1. Make sure that you understand all of the controls. Before starting the machine make sure that you know how to stop it.

2. Ensure that the battery packs are fully charged before use. Check the battery charge indicators on the battery packs to determine the level of charge by pressing the status indicator button on the battery packs.
3. The battery packs may also include fault indicators. Ensure that you are familiar with the battery fault indicators and if the fault indicators are illuminated do not use the equipment and inform the hire company immediately.
4. Ensure that handles and grasping surfaces are kept dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool particularly in unexpected situations.
5. The power trigger safety lockout prevents accidental operation of the power trigger. If you put your hand around the handle and press the power trigger lockout it releases the power trigger. The power trigger safety lockout on the trigger handle prevents the throttle being squeezed or pressed accidentally. The interlock always needs to be pressed in before the power trigger can be squeezed.
6. To switch the Cut-off Saw 'off', release the power trigger and the power trigger safety lockout.
7. Do not use the Cut-off Saw if the trigger does not turn it 'on' and 'off'. Any power tool that cannot be controlled with the trigger/switch is dangerous and must be repaired.
9. Guide the cord back into place so that it recoils correctly.
10. If the engine did not start, set the choke control to on, set the decompression valve, and pull the starter cord again.
11. If the engine is now running, squeeze and release the throttle trigger. The control lever will revert to its normal position and the engine will idle. Set the choke control to off.
12. In cold weather, you may need to let the engine warm up by gently opening the throttle, before starting work.

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3. Do not touch the battery terminals with your fingers, tools, jewellery, or other electrically conductive objects.
4. When the battery pack is not in use, keep it away from other metal objects, like nails, screws, keys, coins, paper clips, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
5. If the battery is misused and/or becomes damaged, liquid

may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6. Never use or charge a battery that has suffered an impact or been damaged in any other way. Check the battery cartridges or equipment housing regularly for signs of damage or leaking fluids. Damage to batteries or fluid leaking from batteries must be reported to the hire company immediately.
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## USING THE CUT-OFF SAW

1. Wear protective equipment including appropriate gloves, goggles, ear defenders, dust mask, and safety boots with steel toe caps and anti-slip soles.
2. Check that the cutting wheel is fitted securely, and that the guard is properly adjusted. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
3. Always hold the machine securely with, both hands: left hand on the front handle, right hand on the rear. Maintain a firm grip.
4. 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.
5. Make sure the wheel is running at full speed before lowering it carefully onto the surface.
6. The machine can only cut in straight lines. Do not try to go round corners.
7. Wheels may be used only for the recommended applications. For example: Do not grind with the side of a cut-off wheel. Abrasive cut-off wheels are intended for peripheral abrasive cutting. Lateral forces applied to these wheels may cause them to shatter.
8. If the machine starts to lose power and slow down do not force it so hard. Do not overload the machine. Long shallows cuts keeping the wheel speed up are more effective than aggressive pressure.
9. 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.
10. Only use the machine up to shoulder height. Arrange a suitable working platform if you need to cut higher than this. Do not operate this equipment from ladders or stepladders.
11. Watch out for signs that vibration from the work may be affecting your hands. If fingers start to tingle or feel numb, take a short break from cutting work. Exercise fingers to encourage blood circulation. Find out more about vibration. Ask the hire company for a copy of the HAE leaflet no. 2150 – Hand-arm vibration or visit [www.hse.gov.uk/vibration](http://www.hse.gov.uk/vibration).

CONTINUED OVERLEAF..