



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, or before and after prolonged storage, check the product and the batteries for damage.

USING THE ROTARY HAMMER – BATTERY OPERATED

Important - always grip the rotary hammer with two hands whilst working. Adjust the side handle to suit the task before starting work.

1. Wear your protective equipment including ear defenders and goggles.
2. Never attempt to enlarge a hole that you have already drilled - the bit may jam.
3. Check on the biggest drill bit that your machine can use - if you overload it, the bit may jam, causing the drill to start to rotate. This can cause serious hand or wrist injury.
4. 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 circulation. Ask the hire company for a copy of the HAE leaflet no. 2150 – Hand-Arm Vibration or visit: <http://www.hse.gov.uk/vibration/>
5. To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm - wearing gloves may help do this.
8. Take care not to accidentally pull the plug from the socket.
9. Switch off and remove the battery from the machine before leaving the rotary hammer unattended.
10. If your equipment does not work properly do not attempt to repair it. Contact the hire company.

Please fully read and retain this safety leaflet as this may be required for future reference.

INSURANCE

1. Under the terms of hire, you are responsible for the safe custody of the equipment. The hire company must be indemnified against loss or unreasonable damage such as vandalism. The best way to achieve this is by insurance.
2. The equipment must always be secured against theft or vandalism.
3. Some hire companies will offer insurance cover at an extra charge.
4. In addition, be aware that if damage is caused to property belonging to a third party or if involved in a highway accident, it is unlikely that normal insurance policies will give any protection.
5. If in any doubt regarding the insurance cover, check with the hire company or insurer immediately.

ROTARY HAMMER / BREAKER BATTERY OPERATED

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 the entire leaflet before using the battery-operated Rotary Hammer. It is also important to observe all safety advisory labels and markings on the equipment prior to operating and any additional information regarding the correct and safe use of the battery charger unit.



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 rotary hammer is designed for drilling in concrete, masonry, or brickwork.
4. The action of this Rotary Hammer can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used a Rotary Hammer 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: goggles, dust mask, safety boots, industrial quality gloves, safety helmet and ear protection.
7. Use a residual current device (RCD) if using a 230-volt (mains) supply for the charger unit.
8. This battery-operated Rotary Hammer is likely to cause noise levels up to 94 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.
9. A personal first-aid kit should be available.
10. A Rotary Hammer must not be used by minors or by anyone under the influence of drugs or alcohol.
11. A Rotary Hammer is designed for operation by an able-bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
12. Although rotary hammers are designed for one person operation, you should always be careful you do not lift beyond your own capabilities.



WORK AREA

1. Do not use a Rotary Hammer where there is a danger of explosion. It may 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 dust. Set up an exclusion zone around the area where the Rotary Hammer 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.
6. Do not use a Rotary Hammer in the rain or where it might get wet.
7. Drilling certain materials creates a large amount of dust - cover any surfaces or objects that may be damaged, or difficult to clean. Use suitable dust extraction where possible.
8. Check that there are no buried electric cables, gas, or water pipes where you are working.

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 when you are working with this machine.
3. You will need to wear an appropriate dust mask when you are in contact with material that causes dust.
4. You must wear safety boots.
5. This battery-operated Rotary Hammer is likely to cause noise levels up to 94 dB(A) – wear appropriate ear defenders or ear plugs and a safety helmet.
6. You must wear industrial quality gloves.
7. When combining PPE, check compatibility of items to ensure they will provide reliable protection when worn together.
8. Anybody who is working near to you will also need to wear appropriate personal protective equipment.
9. A personal first aid kit should be available.

ROTARY HAMMER - BATTERY OPERATED

1. Check your machine, charger units/batteries, plugs and drill bits. If anything is found damaged, do not use the Rotary Hammer - contact the hire company.

2. Check that the plug on your machine's battery charger matches your supply. Do not try to force connections or improvise them.
3. Always use the side handle provided. Adjust it to the best position.
4. Vibration from using this Rotary Hammer can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are 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.

To help minimise vibration levels ensure that drilling accessories, or where the machine has a breaker function, that points, chisels, and other tool bits are well maintained / suitably sharp. Blunt, excessively worn or damaged accessories may increase the vibration level for the operator.

5. Check on how the on/off switch operates - before you switch the Rotary Hammer on, you must know how to stop it.

DRILL BITS

1. Switch the Rotary Hammer off and remove battery before changing the drill bit.
2. This machine uses special drill bits with a slot or taper fixing.
3. Push the drill bit into the tool holder/chuck as far as it will go, turning it and applying light pressure until it engages with an audible click.
Ensure that the drill bit has engaged correctly by gripping and pulling it with a gloved hand.
4. You must only use the correct accessories specifically for this Rotary Hammer (or Rotary Hammer / Breaker). You must not use any other drilling or breaking accessories.

LI-ION BATTERY CHARGING, USE AND CARE

Important – only use batteries supplied for use with this machine.

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, immediately 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 and 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. Check the battery charger, cable, and plug before use. A damaged battery charger, cable or plug increase the risk of an electric shock.
9. Do not use the battery charger if anything is found to be damaged. Contact the hire company.
10. 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, salts, and liquids. Penetrating moisture can cause short-circuits, electric shock, burns, fire and explosion.
11. Do not operate the battery charger on easily flammable surfaces (e.g. paper, textiles) or in flammable environments.
12. Keep the battery charger away from children and animals.
13. Always keep the battery charger clean and dry. Dirt accumulation results in the danger of an electric shock.
14. If the battery pack leaks fluid or emits a strange odour, stop using the machine and contact the hire company immediately. Battery packs may contain combustible organic solvents such as an electrolyte solution; handling them may result in burns or serious injury.
15. DO NOT expose the battery to extreme temperatures or direct sunlight (example below -14oC/6.8o F or above 40oC/104O F).
16. The battery must not be charged overnight or when unsupervised.

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 may overheat and could catch fire.

TRANSPORTATION, STORAGE OF EQUIPMENT AND BATTERY PACKS

1. Transport the equipment with the battery pack removed where possible.
2. Ensure that equipment is suitably secured to prevent damage during transportation.
3. Transport batteries in manufacturer's carrycase 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 Rotary Hammer with the battery pack removed where possible.
6. Do not store batteries on the charger. Always remove



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