



0503 Safety Guidance



Using the Rotary Hammer

- Wear your protective equipment including ear defenders and goggles.
- Never attempt to enlarge a hole that you have already drilled the bit will jam.
- Check on the biggest drill 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
- 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 www.hse.gov.uk/vibration
- To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm - wearing gloves may help do this.
- Keep the cable clear of the tool bit and any sharp edges on your work.
- If you think the cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to the rotary hammer is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
- Take care not to accidentally pull the plug from the socket.
- Switch off and remove the plug from the socket before leaving the rotary hammer
- 10. If your equipment does not work properly do not attempt to repair it. Contact the hire company.
- 11. You may want to read this leaflet again. Please keep it until you finish work.













www.hae.org.uk



©Copyright Hire Association Europe April 2011 Any unauthorised reproduction – manually or electronically – is STRICTLY prohibited

2450 Regents Court

extension cable > rotary nammer. 230v: Wall socket > RCD > any necessary

seary extension cable > rotary hammer. 110V: Wall socket > transformer > 2nwwsu):

connections are dry and sate.

2. Make sure that any extension cable could catch life.

run over it. Unroll it fully or it will overheat and edges, doorways or windows where it might be trapped, and places where vehicles might

4. Lay it out carefully avoiding liquids, The HCD. than 50 metres (160 feet). Plug it directly into any special instructions, you should only use a suitably rated heavy duty one, not longer

company. If the hire company has not given any special instructions given by the hire 3. If you need to use an extension cable, tollow

HCD according to the instructions supplied working each time you use it. Reset the 2. Use the "TEST" button to check that the RCD

machine gets damaged. you against electric shock if the cable or machine into the HCD. This will help to protect directly in to the 230volt socket. Plug your 1. Use a residual current device (RCD) plugged

(SQUARE PIN OR BLUE PLUG) **230 VOLT MACHINES**

connections are dry and sate.

4. Make sure that any extension cable overheat and could catch fire.

vehicles might run over it. Unroll it fully or it will where it might be trapped, and places where liquids, sharp edges, doorways or window 3. Lay the extension cable out carefully avoiding

between the transformer and the machine. on what only use an extension cable cable, not longer than 50 metres (160 feet).

a suitably rated heavy duty 110v extension any special instructions, you should only use company. If the hire company has not given any special instructions given by the nire z. If you need to use an extension able, follow

socket. Do not use any 230v extension cables the transformer directly into the 230 volt 1. If you are using a portable transformer, plug

110 VOLT MACHINES (YELLOW PLUG) Read the instructions below for your machine

square pin plug fitted, or a blue industrial plug. fitted. 230v machines will have eitner a normai 110v machines will have a yellow industrial plug will be 110v or 230v.

Your machine will only operate on one voltage: it

ELECTRICAL SAFETY

must not use any otner drill bits. specifically for this rotary hammer. You 3. You must only use the correct drill bits

slot or taper fixing. 5. This machine uses special drill bits with a

petore changing the drill bit.

Switch the rotary hammer off, and unplug it

DRILL BITS

you must know now to stop it. before you switch the rotary nammer on, Check on how the on/off switch operates -

www.hse.gov.uk/vibration 1ISIA vibration Hand-arm







Rotary Hammer

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 Rotary Hammer

- Electricity is dangerous and must always be used with great
- This rotary hammer is designed for drilling in concrete, masonry or brickwork
- The action of this rotary hammer can cause injury or damage if the machine is not used in a careful and controlled way.
- 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
- Plan your work and think ahead to make sure you will always be working safely.
- You must have at least the following items of personal protective equipment: goggles: EN166 or BS2092; dust mask - a minimum of EN149 FFP3(s) protection; Safety boots to EN345 or BS1870/4972; industrial quality gloves; residual-current device (RCD) if using a 230 volt (mains) supply.
- A personal first-aid kit should be available.
- A rotary hammer must not be used by minors, or by anyone under the influence of drugs or alcohol
- 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.
- Although rotary hammer are designed for one person operation you should always be careful you do not lift beyond your own capabilitie













effort has been made by HAE/EHA to ensure that the information given in this docum ry entor has been made by machine that are information given in this occurrent and supporting in is accurate and not misleading. HAE/EHA cannot accept responsibility for any loss or liability perceived to have arisen from the use of any such document/material. Only Acts of Parliament and Statutory Instruments have the force of law and only the courts can authoritatively interpret the law.

> 44 (0) 121 333 4109 44 (0) 121 380 4600

The Crescent Birmingham Business Park noo sinegen uch

BAY 788 Iludilos



You must wear industrial quality gloves.

127840/4972). You must wear safety boots (EN345 or

protection) when you are in contact with mask (with a minimum of EN149:2001FFP3 You will need to wear an appropriate dust

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

SHOTARING

objects that may be damaged, or difficult to amount of dust - cover any surfaces or Drilling certain materials makes a large

where it might get wet. Do not use a rotary hammer in the rain or

rubble, rubbish etc.

Clear the area of trip hazards such as

with the work, enter the exclusion zone. anyone, other than those directly assisting Work should stop immediately should

using this equipment. Keep children and animals away when physical barriers, barrier tape and signs. the rotary hammer is being used with an exclusion zone around the area where Protect other people from the dust. Set up

distract you. and that no-one is near to you or could Make sure that the area is clear and safe

trom petrol, or gas cylinders. a danger of explosion. It will ignite fumes Do not use a rotary hammer where there is

WORK AREA

copy of the HAE leaflet no. 2150 working. Ask the hire company for a keep your hands warm while you are before you start work, and wear gloves to can be hazardous. Warm your hands up Vibration from using this rotary hammer

Adjust it to the best position. Always use the side handle provided. one jugazusi bing.

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

connections or improvise them. Check that the plug on your machine matches your supply. Do not try to force

uite company. not use the rotary hammer - contact the drill bits. If anything is found damaged, do Check your machine, cables, plugs and

ROTARY HAMMER

protective equipment. also need to wear identical personal Anybody who is working near to you will







