0114 Safety Guidance



## **Using the Poker Vibrator**

- Wear protective equipment including gloves, goggles and safety boots.
- You may need to allow the unit to warm up for a few minutes in cold weather for maximum efficiency.
- If the vibrating head does not vibrate when the machine is started, tap the nose onto a hard surface. Do not tap or hit the outer housing of the head.
- Watch out for signs that vibration may be affecting your hands. If fingers start to tingle or feel numb, take a short break from using the machine. 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
- To help prevent vibration affecting hands, operate the machine for shorter periods, or share the job with a workmate. Keep hands warm - wearing gloves may help do this.
- Take care not to bend the flexible drive through tight angles, for example over shuttering.
- Always move and withdraw the vibrating head steadily this will help avoid creating voids.
- Do not touch the vibrating part of the poker while it is in operation.
- Do not lay the vibrating poker on a hard surface while it is still vibrating. It will cause damage to the surface and the poker.
- Do not disengage the flexible drive coupling while the motor is running.
- 11. Take care not to accidentally pull the plug from the socket.
- Stop the unit and unplug it if leaving the machine unattended
- If the cable is found to be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the drive unit is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
- The poker vibrator must be cleaned as soon as work is finished before any concrete on it goes hard.
- If the flexible drive has been disengaged, take care to keep the open end of it clean do not leave it lying in dirt.
- 16. If the equipment does not work properly do not attempt to repair it. Contact the hire company.
- You may want to read this leaflet again. Please keep safely it until you finish work.







2450 Regents Court









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extension cable > poker vibrator. Wall socket > RCD > any necessary 110V: Wall socket > transformer > necessary extension cable > poker vibrator.

connections are dry and safe. Make sure that any extension cable will overheat and could catch fire. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it wight be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could cafch fire.

Plug it directly into the RCD. given any special instructions, a suitably rated heavy duty extension cable must be used, not longer than 50 metres (160 feet). follow any special instructions given by the hire company has not accompany. If the hire company has not accompany is suitably accompany any special instructions, a suitably It an extension cable is required to be used, supplied with it.

RCD is working each time it is used. Reset the RCD according to the instructions Use the "IESI" button to check that the cable or machine gets damaged.

Use a residual current device (RCD) plugged directly in to the 230volt socket. Plug the machine into the RCD. This will help to protect against electric shock if the

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

onnections are dry and safe. Make sure that any extension cable catch fire.

Unroll it fully or it will overheat and could avoiding liquids, sharp edges, dooways or widhing liquids in the trapped, and places where vehicles might un over it. Lay the extension cable out carefully between the transformer and the machine. any special instructions, a suitably rated heavy duty 110v extension cable should be used, not longer than 50 metres (160 feet). An extension cable must only be used the extension cable must only be used the extension cable must only be used the extension of th 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. used, plug the transformer directly into the 230 volt socket. Do not use any 230v If a portable transformer requires to be

#### 110 VOLT MACHINES (YELLOW PLUG)

Read the instructions below for your machin 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.

The machine will only operate on one voltage: it

#### **ELECTRICAL SAFETY**

extension cables

plugging it into the supply Check on how the on/off switch operates - before switching the vibrating poker on, vibrating poker is switched off before vibrating poker is switched off before plurating in the supply. residual-current device (HCD).

pin plug fitted, or a blue industrial plug, which must be connected through a transformer has been supplied, take care on to for light eyurself when moving it shout not to fight eyurself when moving it shout Machines designed to run directly from S20v mains will have either a normal square nin fitting fitted or a hine industrial ning. v011 nis flo un'not benede are designed to fin on the number of un'not benede a potable transformer if the provided a potable transformer if the normal maints S30u supply. It a potable transformer has been surious maint are set of the number of the numbe Machines with a cylindrical yellow industrial

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

# **Poker Vibrator**

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 Poker Vibrator

- Plan your work and think ahead to make sure you will always be working safely.
- you have not used this type of poker vibrator before, familiarise yourself with how the machine works before you start on the main task.
- Electricity is dangerous and must always be used with great care.
- Electricity and water make a very dangerous combination. Keep 4 electrical equipment away from rain and water. Cement mixes are harmful to eyes, lungs and skin. Take precautions to prevent contact with
- This poker vibrator is designed for use in fresh concrete to remove air voids and speed the
- release of trapped water. It is not designed for any other purpose.
- The action of this poker vibrator can cause injury or damage if the machine is not used in a careful and controlled way.
- The following items of personal protective equipment must be worn: goggles; dust mask- a minimum of FFP3 protection; ear muffs or plugs giving protection to reduce exposure to 87dB(A) at the ear; Safety boots; industrial quality gloves; residual-current device (RCD) if using a 230 volt (mains) supply.
- A personal first-aid kit should be available.
- This machine must not be used by young persons, or by anyone under the influence of drugs or alcohol.
- This poker vibrator is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
  - Some poker vibrators are heavy machines, get help if you have to unload it from your vehicle. Do not lift beyond your own capabilities.













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

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Check the drive unit, flexible drive and couplings, and vibrating head. If supplied poker found to be damaged, do not use the poker vibrator. Contact the hire company.

### **POKER VIBRATOR**

Anybody who is working close by will also need to wear identical personal protective mixes coming into contact with bare skin.

Industrial quality gloves, long sleeves, and full trousers must be worn to prevent the visit www.hse.gov.uk/vibration

the hire company for a copy of the HAE leaflet no. 2150 - Hand-arm vibration or hazardous. Warm hands up before starting work, and weer industrial quality gloves to keep hands warm while working. Find out more about the effects of vibration. Ask Vibration from using this machine can be wet concrete.

Remember that you may have to stand in Safety boots/wellingtons must be v THIS TEVEL AS A THITHITHITH

levels up to 93 dB(A) - wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum. This equipment is likely to cause noise ruis macnine.

Godgles must be worn when working with rne machinery.

protection. Ensure there is no reconstitional flapping clothing that could get caught in the machinery. environments may require a higher level of protection. Ensure there is no loose or flagging about a position and the second second flagging a position and the second seco The following items of personal protective equipment (PPE) are the minimum that about a house of the poker wibreator is used Particular jobs or vibrator is used Particular jobs or

**SHOTARISM** 









reach all of the concrete you need to work on. Make sure that the flexible drive is not going to be damaged by traffic, or create Position the drive unit so that you can easily Clear the area of trip hazards such as rubble, rubbish etc.

with the work, enter the exclusion zone. nyone, other than those directly assisting Work should stop immediately should naing tris equipment.

physical barriers, barrier tape and signs.

Keep children and animals away when wet cement. Warn others to keep away, set up an exclusion zone around the area where the poker vibrator is being used with physical harriers. Protect other people from the noise and cause distractions.

Make sure that the work area is clear and safe and that no-one is close by and could

from petrol, or gas cylinders. Do not use this machine where there is a danger of explosion. It will ignite fumes trom petrol, or ass cylinders.

#### **MORK AREA**

COULACT WITH DATE SKIN

Gloves, long sleeves and full trousers must be worn to prevent the mixes coming into

dermatitis - visit www.bcds.org.uk Mild dermatitis will heal providing there is no further contact. If the rash persists seek medical advice. Learn more about contact memory with the provider of the provider with the provider w

and seek medical advice immediately. Wash cement or plaster mixes from skin immediately. Thoroughly rinse out eyes

The rash can vary but it is usually itchy and causes flaky skin and only occurs where the substance is in contact with the skin. when the skin reacts to certain sub Contact dermatitis is a rash that may occur

sause contact dermatitis. Wet cement mix is a substance that can

> DERMATITIS CEMENT MIXES AND CONTACT ВЕГОВЕ STARTING WORK

