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Using the Diamond Drilling Machine

- 1. Wear protective equipment including ear defenders and goggles.
2. Check there are no hidden cables or pipes before drilling.
3. If core drilling into a slab or block of masonry that is not yet part of a fixture, it should be securely clamped or held in a vice.
4. Always grasp the machine with two hands on the handles provided. The on/off switch can be controlled with either the right or left hand.
5. Do not try to change speed or direction of rotation of the core drill or switch the hammer action on or off while the machine is running.
6. Keep the core drill rotating while drilling and when withdrawing the drill bit.
7. When withdrawing the drill bit on completion of drilling the hole, take care that the core of masonry which may inside the core drill does not fall out injuring feet.
8. Stop the machine and unplug before removing the core of masonry or any rubble from inside the core drill.
9. Keep the cable clear of the core drill and any sharp edges on the work.
10. If the cable appears to be cut or damaged in any way, switch off the machine and unplug at the mains before inspecting it. If the cable attached to the diamond drilling machine is damaged stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
11. Take care not to accidentally pull the plug from the socket.
12. Switch off and remove the plug from the socket before leaving the diamond drilling machine unattended.
13. If the equipment does not work properly, do not attempt to repair it. Contact the hire company.

Keep this leaflet safe as it may be required for reference at a future date



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Diamond Drilling Machine – Hand Held

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 Diamond Drilling Machine



- 1. Electricity can be hazardous and must always be used with great care.
2. Plan how to tackle the job and try to foresee any problems that may occur in order to work safely around them.
3. This diamond drilling machine may cause injury to persons or damage property if it is not handled and used carefully and properly.
4. If you have not used a diamond drilling machine before, you should seek some instruction from a competent person, and take the time to familiarise yourself with the equipment before you start work.
5. If using water to cool the core drill and to clear the dust and particles, ensure the electrical parts and connections do not get wet.
6. This hand held diamond drilling machine is designed to drill large diameter holes through masonry, brick and concrete in walls and floors.
7. The following items of personal protective equipment must be worn: Impact Resistant goggles; dust mask – minimum of FFP3(s) protection; ear muffs or plugs giving protection at the ear for levels up to 80 dB(A); suitable protective gloves; rcd if using a 230/240 volt (mains) supply.
8. This machine must not be used by minors or by anyone under the influence of drugs or alcohol.
9. This diamond drilling machine is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using the machine



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Work area operators section containing 10 numbered steps for safe operation of the diamond drilling machine, including instructions on PPE, machine setup, and emergency procedures. Includes diagrams of the machine and electrical safety warnings.

Before Starting Work... section containing 5 numbered steps for safe operation of the diamond drilling machine, including instructions on PPE, machine setup, and emergency procedures. Includes diagrams of the machine and electrical safety warnings.