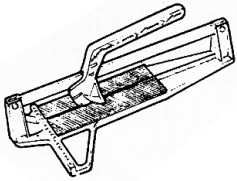




Safety Instructions

THESE INSTRUCTIONS MUST BE READ BY THE USER BEFORE OPERATING THE SAW.



13.4 Tile Saws

- This equipment is designed to be operated by someone with normal ability. Persons with a disability or injury must assess whether their disability, when using the equipment, will affect their health and safety and the safety of others.
- It should only be operated by someone with experience of similar equipment.
- This equipment must not be used by anyone whose competence is impaired, for example by drink or drugs.

Used for cutting ceramic, clay and glazed wall and floor tiles.

- 1 The saw must be operated correctly according to the manufacturer's or owner's operating instructions, which are available on request if required.
- 2 **CHECK** that all persons and animals are clear of the saw.
- 3 Loose clothing, sleeves etc, should be avoided. Long hair should be tied back. Wear overalls whenever possible.
- 4 Wear personal protective equipment; safety goggles are usually necessary and a dust mask when dust is being created. Dust from tiles can give rise to silicosis.
- 5 When noise levels are uncomfortably high over 80dB(A), it is advisable to wear hearing protectors.
- 6 If higher noise levels occur regularly when it is necessary to shout to be heard, (85dB(A) and above) the law requires that hearing protectors must be worn.
- 7 **CHECK** that all guards are secure. **NEVER** operate the machine with missing or defective guards.
- 8 Only use the specified blades and ensure that they are sharp and in good condition. The directional arrow on blades must match that on the machine.
- 9 **CHECK** that there are no tools on the bench or near the blade before switching on the machine.
- 10 **CHECK** the water level before starting, and **CHECK** regularly thereafter.
- 11 After starting the blade allow it to reach full speed before starting the cut.
- 12 Push the tile into the cut with the hands but ensure they are well clear of the blade.
- 13 **DO NOT** force the saw beyond its capacity.
- 14 Keep the area around the saw bench clear of obstructions, off-cuts and loose materials.
- 15 Switch off and allow the blade to stop before removing the cut tile.
- 16 **CHECK** that the saw is switched off and the power plug removed before making adjustments, changing the saw blade or leaving it unattended.

The Electrical Supply

- 17 **CHECK** that the voltage of the supply is correct. The tile saw will be either 110 volts or 230 volts.
- 18 The use of a low voltage saw at 110V (CTE) would effectively eliminate the risk of death and greatly reduces the degree of injury from an electric fault.
- 19 Use a saw with the lowest possible voltage to suit the job.
- 20 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.
- 21 When using a 230V saw the risk of injury or death from electric shock is unacceptably high unless the following precautions are taken:
 - a) Use RCD power breakers at the supply socket to give protection for both the equipment and its power cable.
 - b) The RCD should be protected from dust, wet weather, mechanical damage and vibration.
 - c) Position power cables where they are less likely to be damaged.
 - d) The equipment cables and RCDs should be checked every day (or every shift) using the following as a guide:
 - **CHECK** that bare wires are not visible
 - Make sure that cables are not damaged and free from cuts and abrasions (apart from light scuffing)
 - **CHECK** that the plug is in good condition, the casing is free from cracks, the pins are not bent or the socket is not blocked with debris or dirt

- **ENSURE** that there are no taped or other non-standard joints in the cable
 - **CHECK** that the cable covering has not been pulled out of the grips at the plug or equipment. (The coloured insulation of the internal wires should not be visible)
 - **CHECK** the outer casing of the equipment for damage and check for loose or missing parts or screws
 - Make sure that there are no overheating or burn marks on the plug, cable and equipment
 - **CHECK** the operation of the RCD power breaker by operating the test button.
- 22** A 110 volt saw should be checked weekly as in 21(d) above.
- 23** **CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.
- 24** If the automatic cut-out operates, **ALLOW** the motor to cool before re-starting.
- 25** **DO NOT** use the tile saw in damp, wet or flammable conditions.
- 26** **DO NOT** disconnect a plug by pulling its cable.
- 27** **DO NOT** attempt repairs. Contact the Hire Company.



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This leaflet is one in a comprehensive series of equipment safety instructions available from the CPA