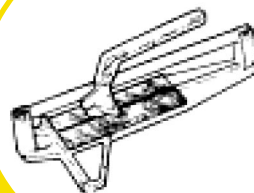




13.4



Tile Saws

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



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

- 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 at 85-89 dB(A), it is advisable to wear hearing protectors.
- 6 At still higher noise levels, when it is necessary to shout to be heard, (at 90 dB(A) and above) the law requires that ear protection 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) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.

19 Use a saw with the lowest possible voltage to suit the job.

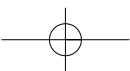
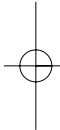
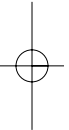
20 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

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 a repair to the equipment or power cable. Contact the Hire Company.





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