

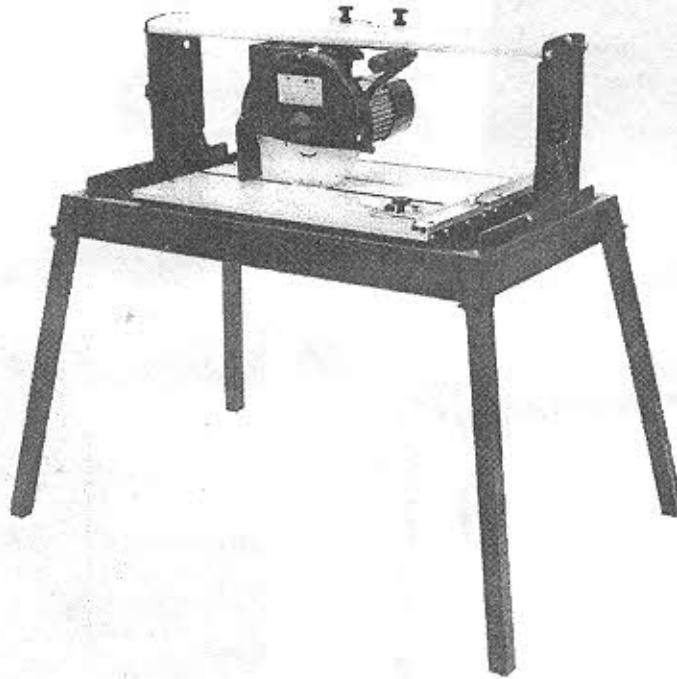


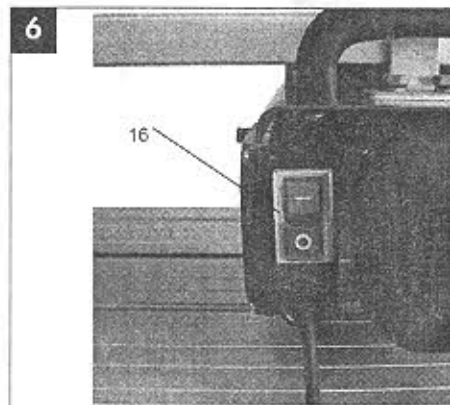
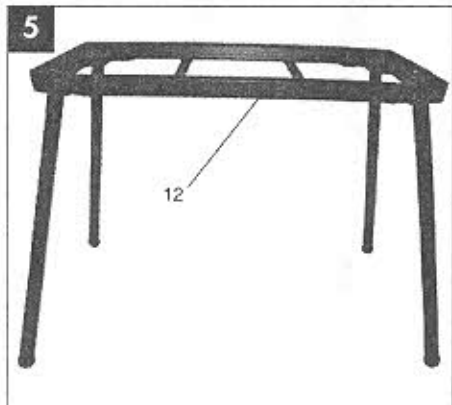
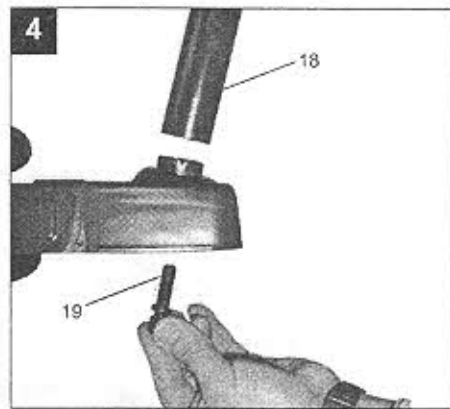
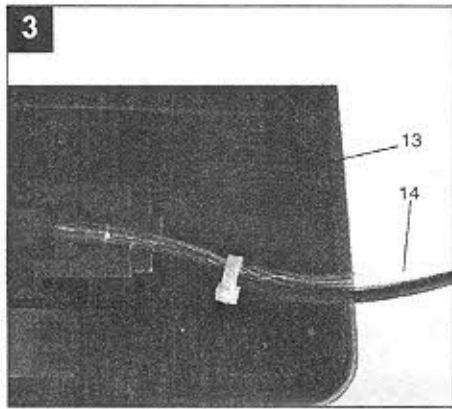
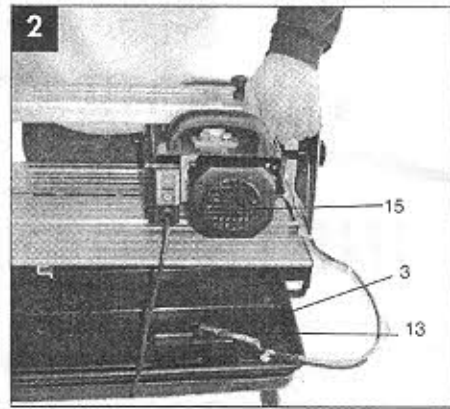
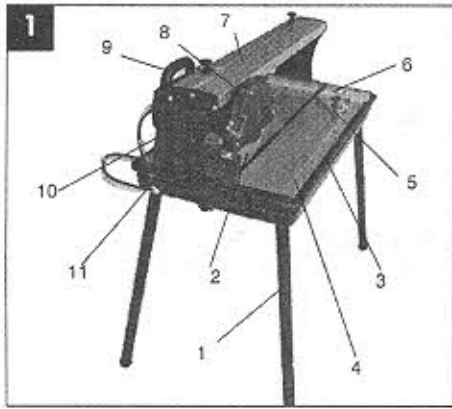
TC250 III Tile Cutter

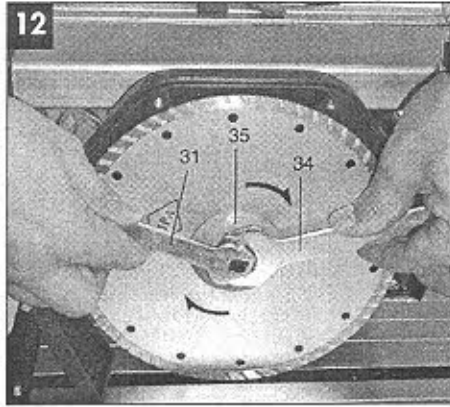
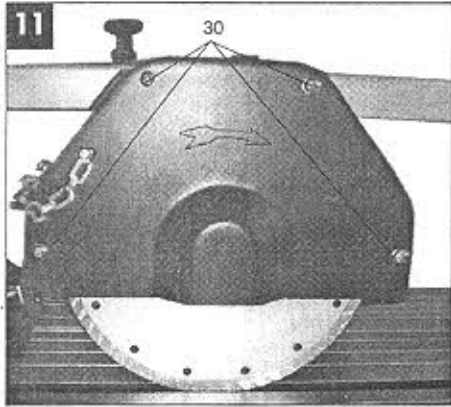
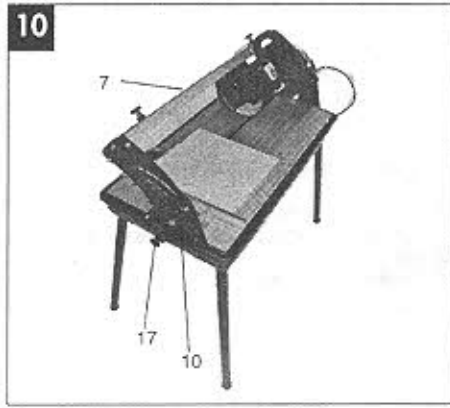
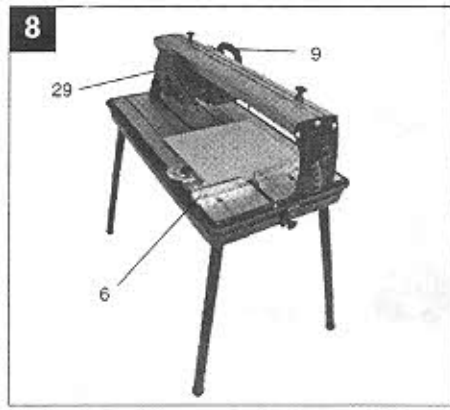
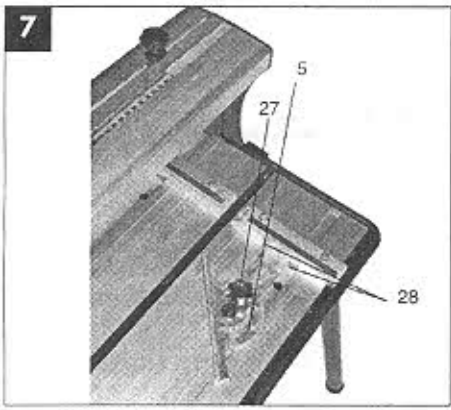
DC-CA520

INSTRUCTION MANUAL

CORTADORA DE AZULEJO DE MESA DE 10"









Wear safety gloves



Wear safety goggles



Wear ear-muffs



Wear a dust mask

1. Description of the machine (Fig. 1/2)

1. Base frame
2. Diamond wheel
3. Trough
4. Aluminium table
5. Angle stop
6. Rail fence
7. Guide rail
8. Safety hood for the cutting wheel
9. Handle
10. Star grip screw for setting the angle
11. Star grip screw for securing during transportation
12. Base frame
13. Cooling water pump
14. Hose
15. Motor
16. ON/OFF switch
17. Angle scale

2. Items supplied

- Tile cutting machine
- Trough (3)
- Cooling water pump (13)
- Angle stop (5)
- Base frame (1)

3. Intended use

The tile cutting machine is designed for the standard cutting of small and medium-size tiles (glazed tiles, ceramic tiles or similar) which can be accommodated by the size of the machine. It is designed for DIY applications and craft businesses in particular. It should never be used for the cutting of wood or metal. **The machine should be used**

exclusively for its intended purpose. No other use is permitted and the manufacturer will not accept liability for any damages or injury resulting from any such use; responsibility rests with the user/operator in any such case. Only use cutting wheels which are suitable for the machine. Saw blades should never be used. Compliance with the safety instructions, the assembly instructions, and advice and instructions on operation contained in the operating instructions also falls under the terms of intended use. All persons operating or carrying out maintenance work on the machine must be acquainted with the above and be aware of all potential dangers.

In addition, strict compliance with the accident prevention regulations in force in your area, as well as all other general rules of health and safety at work, is imperative. The manufacturer's liability shall be deemed void if the machine is modified in any way and the manufacturer shall therefore accept no liability for any damages arising as a result of modifications. Even if the machine is used as intended, certain residual risk factors cannot be completely eliminated. For reasons of design and the construction of the machine, the following eventualities are possible:

- Contact with the diamond cutting wheel where it is not covered.
- Contact with the diamond cutting wheel while it is turning.
- Defective diamond tips flying off the cutting wheel.
- Workpieces or parts of workpieces kicking back.
- Damage to hearing if the ear-muffs specified are not used.

4. Important instructions

4.1. General

Please read this manual carefully and pay particular attention to the instructions contained within it. Use this information to get to know the machine, its correct operation and safety regulations (see supplementary sheet) before using for the first time.

4.2. Additional safety instructions

- Set up the machine on a level, non-slip floor. Make sure that the machine does not wobble.
- Check that the voltage on the rating plate is the same as your supply voltage. Only then are you to insert the power plug in the socket-outlet.
- Wear safety goggles.
- Wear ear-muffs.
- Wear safety gloves.
- Never use cracked diamond cutting wheels.

Replace immediately.

- Never use segmented cutting wheels.
- **Caution!** The cutting wheel runs on after the machine is switched off!
- Never apply side pressure to the diamond cutting wheel in order to bring it to a halt.
- **Caution!** The diamond cutting wheel must be cooled with water at all times.
- Always pull out the power plug before changing the cutting wheel.
- Use only suitable diamond cutting wheels.
- Never leave the machine unattended in rooms with children.
- Always pull out the power plug before examining the electric motor compartment system.

5. Technical data

Motor rating	1100W
Motor speed	3000 rpm
A.c. motor	(120V/60Hz) 220V~240V/50Hz
Insulation material class	Class B
Insulation	IP54
Cut length	520 mm
Jolly length	520 mm
Cut height 90°	max. 60 mm
Cut height 45°	max. 48 mm
Cutting table:	
Dimensions	1183 x 744 x 1032mm
Diamond cutting wheel	250mm x 25.9mm x 3.5mm

Noise emission levels

- The noise emitted by this saw is measured in accordance with EN ISO 3744; EN ISO 11201. The noise at the workplace may exceed 85 db (A). The user will require noise protection measures if this is the case. (Wear ear-muffs!)

	With-load operation	No-Load operation
Sound pressure level	72.2 dB(A)	60.6 dB(A)
Sound power level	85.2 dB(A)	73.6 dB(A)

6. Before using for the first time

- The machine must be set up so that it stands firmly, i.e. it must be securely screwed to a work bench, the base frame supplied in delivery, or similar.
- All covers and safety devices must be correctly attached before the machine is used for the first time.

- The cutting wheel must rotate smoothly.
- Check that the voltage on the rating plate is the same as your supply voltage before you connect the machine to the power supply.

7. Assembly and operation

7.1 Assembly of the base frame and cooling water pump (Fig. 2-4)

- Fasten the feet (18) to the base frame (12) with the screws (19).
- Turn the base frame upright (see Fig. 5).
- Place the trough (3) in the base frame (12).
- Place the cooling water pump (13) in the trough (3).
- Fill with water until the pump (13) is full.
- Place the complete tile cutting machine in the trough (3) (see Fig. 2).
- Unscrew the star grip screw (11) (for securing during transportation!).

7.2 ON/OFF switch (Fig. 6)

- To switch on, press the "1" on the ON/OFF switch (16).
- Before you begin cutting, wait until the cutting wheel has reached maximum speed and the cooling water pump (13) has started supplying the cutting wheel with water.
- To switch off, press the "0" on the switch (16).

7.3 90° Cutting (Fig. 7/8)

- Loosen the star grip screw (27).
- Set the angle stop (5) to 90° and retighten the star grip screw (27).
- Retighten the screws (28) to fasten the angle stop (5).
- Move the machine head (29) to the far end with the handle (9).
- Position the tile against the rail fence (6) on the angle stop (5).
- Switch on the tile cutting machine.
- **Caution:** Always wait until the cooling water has reached the cutting wheel (2) first.
- Move the machine head (29) slowly and smoothly forward through the tile with the handle (9).
- Switch off the tile cutting machine after completion of cutting.

7.4 45° Diagonal cut (Fig. 9)

- Set the angle stop (5) to 45°.
- Cut as described in 7.3.

7.5 45° Lengthwise cut, "jolly cut" (Fig.10)

- Loosen the star grip screw (10).
- Tilt the guide rail (7) to the left to 45° on the angle scale (17).
- Retighten the star grip screw (10).
- Cut as described in 7.3.

7.6 Changing the diamond cutting wheel (Fig. 11/12)

- Pull out the power plug.
- Unscrew the four screws (30) and remove the safety hood (8) for the blade.
- Place the wrench (31) on the motor shaft and hold.
- Using the wrench (34), loosen the flange nut in the direction of rotation of the cutting wheel (2). (Caution: Left-hand screw-thread.)
- Remove the outer flange (35) and cutting wheel (2).
- Clean the mounting flange thoroughly before fitting the new cutting wheel.
- Fit the new cutting wheel by following the above procedures in reverse and then tighten.
Caution: Pay attention to the direction of rotation of the cutting wheel!
- Mount the safety hood (8) for the blade again.

8. Maintenance

- Clean off all dust and soiling from the machine at regular intervals, preferably with a cloth or a brush.
- Lubricate all moving parts at regular intervals.
- Do not use any aggressive cleaning agents to clean plastic parts.
- Clean off any soiling on the trough (3) and cooling agent pump (13) at regular intervals, otherwise the diamond cutting wheel (2) may not be cooled as required.

9. Ordering of replacement parts

When ordering replacement parts, please provide the following information:

- Machine type
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part to be replaced