



WARNING: Read these instructions before using the machine

ELECTRIC TILE CUTTER

MODEL NO: ETC8

PART NO: 3400515

OPERATION & MAINTENANCE INSTRUCTIONS



INTRODUCTION

Thank you for purchasing this Electric Tile Cutter.

Please read this manual thoroughly, before attempting to operate, and carefully follow all instructions given.

It is vitally important that ALL precautions are taken, as specified, which will not only provide protection for yourself and that of others around you, but will also ensure that the product will give you long and satisfactory service.

GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

SPECIFICATIONS

Motor	230V, 50 Hz 1ph
Power Rating	450 Watts
Speed	2950 RPM
Weight (net)	7.9 kg
Cutting Angle	0 - 45 degrees
Cutting Depth at 90 ^O	35 mm
Cutting Depth at 45 ^O	22 mm
Cutting Disc Diameter	180 mm
Cutting Disc Bore	22.2 mm
Sound Power Level	105 Lw(A)
Sound Pressure Level	92 dB(A)
Table Dimensions	330 x 360 mm

SAFETY PRECAUTIONS



WARNING: READ ALL INSTRUCTIONS. FAILURE TO FOLLOW ALL INSTRUCTIONS LISTED BELOW MAY RESULT IN ELECTRIC SHOCK, FIRE AND/OR SERIOUS INJURY. THE TERM "POWER TOOL" IN ALL WARNINGS LISTED BELOW REFERS TO YOUR ELECTRIC TILE CUTTER.

WORK AREA

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- 2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- 3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges or refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- 2. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 3. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, or hearing protection used for appropriate conditions will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before connecting to the power supply.
- 4. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

5. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate which it was designed.
- 2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- 3. Disconnect the power before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 4. Store idle tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- 6. **Keep cutting tools sharp and clean.** Poorly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 7. Use the power tool and accessories in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

SERVICE

1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ENVIRONMENTAL PROTECTION



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

ADDITIONAL SAFETY RULES FOR YOUR TILE CUTTER

- 1. Remove the mains plug from socket before carrying out any adjustment or servicing.
- 2. If the supply cord is damaged have it replaced by a qualified person.
- 3. Always wear both eye and ear protection when using the machine.
- Ensure that the directional arrow marked on the disc corresponds with the rotational direction of the motor.
- 5. With the machine disconnected from the power supply, rotate the disc by hand to ensure it is free from obstruction.
- 6. Always keep the disc securing arbor and collars clean.
- 7. Never try to cut freehand. Always ensure that the tile to be cut is pressed firmly against the parallel side fence.
- 8. Ensure that the work piece to be cut off has sufficient room to move sideways. Failure to do so may result in the off cut binding against the disc.
- 9. Never cut more than one tile at a time.
- 10. Never cut pieces too small to be held securely against the side fence without leaving enough space for the hand to be a safe distance from the disc.
- 11. Ensure that the table and surrounding area are clear with the exception of the tile to be cut.
- 12. Never fit sub-standard discs to the machine. Only fit correctly sized diamond discs.
- 13. Before cutting a tile piece, let the saw disc run freely for a few seconds. If it makes an unfamiliar sound or vibrates excessively, switch it off immediately and disconnect from the power supply. Investigate the cause or consult a qualified person for advice.
- 14. Let the disc reach full speed before commencing the cut.
- 15. Do not force the disc to cut the tile.
- 16. Let the disc come to a complete stop before removing any jammed or off cut material from around the disc area.
- 17. Always use the appropriate safety equipment that is required for the product. E.g. goggles / safety spectacles, ear defenders (essential with tools with a noise rating of over 85 dbA), gloves and face masks. In all cases ensure that the safety equipment is in good condition.

ELECTRICAL CONNECTIONS



WARNING: READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO THE MAINS SUPPLY.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.

This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.



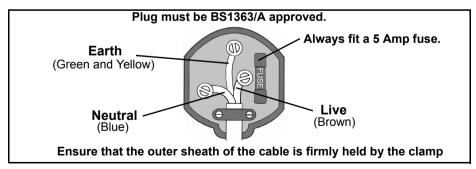
WARNING! The wires in the power cable of this product are coloured in accordance with the following code:

Blue = Neutral Brown = Live Yellow and Green = Earth

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured Blue must be connected to the terminal which is marked N or coloured Black.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured Yellow and Green must be connected to the terminal which is marked E or

 → or coloured Green.



We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD)

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself.

ASSEMBLY



WARNING: BEFORE USING YOUR TILE CUTTER BE SURE TO READ THE INSTRUCTION MANUAL CAREFULLY.

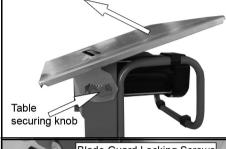
FITTING THE BLADE GUARD

- 1. Loosen the two table securing knobs (Front and rear of the unit).
- 2. Tilt the table.

- Slide the blade guard into position as shown and secure using the blade guard locking screws.
 - The guard is held in position between the frame and a small bracket beneath.

FITTING THE BLADE

- 1. Remove the disc cover by loosening the two screws shown.
- Loosen and remove the disc fixing nut. Using the two spanners supplied.
- 3. Remove the outer flange.
- 4. Mount the disc on the arbor and replace the outer flange. Turn the disc 360 degrees to make sure it matches with the flange properly.
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 - The direction arrow on the disc should point in the same direction as the marking on the side of the disc guard.
- 5. Fully tighten the disc fixing nut and replace the disc cover.







OPERATION



WARNING: BEFORE USING YOUR TILE CUTTER BE SURE TO READ THE INSTRUCTION MANUAL CAREFULLY.

THE WATER

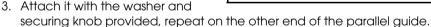
Position the tray as shown and fill 3/4 full with water.

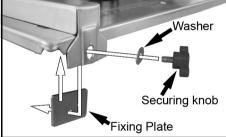
- Do not add chemicals or detergents to the water.
- Always maintain this level (3/4 full) to ensure that there is sufficient water in the tray for dust suppression and cooling.



FITTING THE PARALLEL GUIDE

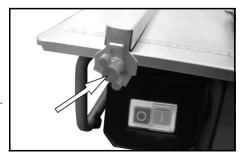
- Position the parallel guide on the work table as shown.
- Align the hole in the fixing plate with the hole in the end of the parallel guide.
 - The fixing plate should be fitted on the inside surface of the work table edges.





ADJUSTING THE PARALLEL GUIDE

- 1. Loosen the two securing knobs provided.
- Adjust the parallel guide to the desired position using the scales on the table.
- 3. Re-tighten the two securing knobs.



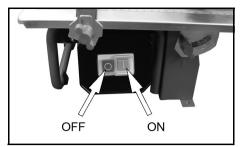
STARTING AND STOPPING

Press the ON Button (marked "I") to start the tile cutter.

 Allow the tile cutter to reach full speed before cutting any tiles.

Press the OFF Button (marked "O") to stop the tile cutter.

NOTE: The disc will continue to rotate for some time after switching off.



MAKING A STRAIGHT CUT

Position the tile firmly against the parallel guide and push the tile slowly past the disc.

• Do not try to force the tile past the disc too quickly.



MAKING A MITRE CUT

Follow the same procedure as for a straight cut but use the mitre guide in conjunction with the parallel guide.

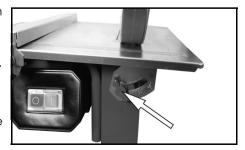
- The mitre guide simply runs up against the edge of the parallel guide as shown.
- Ensure that the tile is held firmly into the guide before making the cut



CUTTING WITH THE TABLE AT AN ANGLE

Use this facility if you wish to cut at an angle.

- Loosen the two table securing knobs (one at each side of table).
- 2. Tilt the table to the desired angle using the scale under the table.
- Re-secure the table and make the cut as before.



CLEANING AND MAINTENANCE



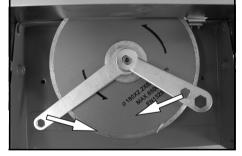
WARNING: BEFORE STARTING ANY CLEANING OR MAINTENANCE PROCEDURES, DISCONNECT THE PLUG FROM MAINS SUPPLY.

CHANGING THE CUTTING DISC

- Replacement discs are available from your Clarke dealer.
- Only use discs with a diameter of 180 mm.
- The replacement discs speed rating must meet or exceed the RPM rating of the tile cutter.
- 1. Remove the water tray.
- Remove the disc cover by loosening the two screws shown.



- Loosen and remove the disc fixing nut. Using the two spanners supplied.
- Remove the outer flange and the disc, clean any dust and debris from the arbor and disc securing flange.
- Mount the disc on the arbor and replace the outer flange. Turn the disc 360 degrees to make sure it matches with the flange properly.



- The direction arrow on the disc should point in the same direction as the marking on the side of the disc guard.
- 6. Fully tighten the disc fixing nut.

DECLARATION OF CONFORMITY





Hemnall Street, Epping, Essex CM16 4LG

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2004/108/EC Electromagnetic Compatibility Directive.

2006/42/EC Machinery Directive.

2006/95EC Low Voltage Equipment Directive.
2002/95/EC Restriction of Hazardous substances.

The following standards have been applied to the product(s):

EN 61029-1:2009, EN 55014-1:2006, EN 55014-2+A2:2008, EN 61000-3-2:2008, EN 61000-3-3:2008.

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2010

Product Description: 450W Electric Tile Cutter

Model number(s): ETC8
Serial / batch Number: N/A

Date of Issue: 08/03/2011

Signed:

J.A. Clarke

Director

ETC8 Tile Cutter(rv1)

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E-mail: Parts@clarkeinternational.com or Service@clarkeinternational.com

SALES: UK 01992 565333 or Export 00 44 (0)1992 565335

CIAPE INTERNATIONAL Hemnall Street, Epping, Essex CM16 4LG www.clarkeinternational.com