

G02770

Goldblatt®

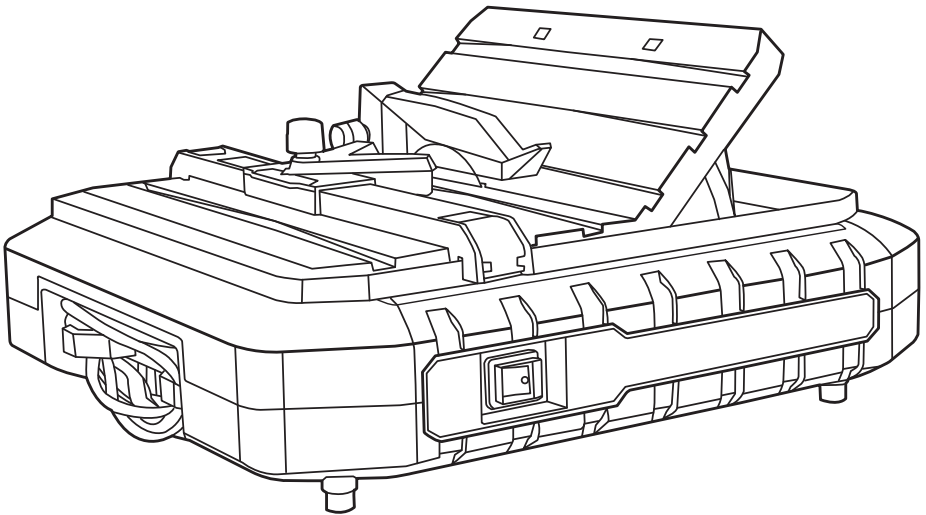
SINCE 1885

4.1 A

4-1/2 in.
115 mm

Tile Wet Saw

Español página 17



ATTACH YOUR RECEIPT HERE

Serial Number _____

Purchase Date _____

MNL_G02770_V02_20170328



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-877-876-7562, 8 a.m. - 5 p.m., CST, Monday - Friday.

TABLE OF CONTENTS

Safety rules..... 3

Safety symbols.....10

Technical specifications..... 10

Package Contents.....11

Assembly.....11

Operation..... 14

Maintenance..... 15

Troubleshooting guide..... 15

Warranty..... 16

SAFETY RULES



WARNING

To avoid serious personal injury, do not attempt to use this product until you read the manual thoroughly and understand it completely. Save this manual and review frequently for continuing safe operation and instructing others who may use this tool.

Before Use

1. **For safe handling of this product, the user must have read and understood the instructions for use before using it for the first time.**
2. **Observe all safety instructions!** If you do not observe the safety instructions you will endanger yourself and others.
3. **Keep all instructions for use and safety instructions for future reference.**
4. **Attach the instructions for use, if you pass on the product.**
5. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
6. **All parts of the product, safety devices in particular, must be correctly installed to ensure faultless operation.**

OPERATION/WORKPLACE

1. **KEEP GUARDS IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
3. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
4. **MAKE WORKSHOP KID PROOF** with padlocks, master switches, or by removing starter keys.
5. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
6. **USE RIGHT TOOL.** Don't force tool or attachment to do a job for which it was not designed.
7. **DON'T OVERREACH.** Keep proper footing and balance at all times.
8. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.
9. **DIRECTION OF FEED.** Feed work into a cutting disc against the direction of rotation of the blade or cutter only.
10. **NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** Don't leave tool until it comes to a complete stop.

SAFETY RULES

11. **The product may be used only when in a faultless condition.** If the product or part of the product is defective, have it repaired by an expert.
12. **Always follow the applicable national and international safety, health and labour regulations.**
13. **The product may only be put into operation if no faults are found during the inspection.** Ensure that any defective parts are replaced before the product is used again.
14. **Position the product horizontally on a rigid, even surface with adequate load-bearing capacity.**
15. **Do not leave any tools, objects or cables lying in the working range of the device.**
16. **Ensure that there is sufficient lighting during operation.**
17. **Assume a natural and secure stance when working.**
18. **Make sure that during operation, no body parts or clothing are caught and drawn in by rotating components.**
19. **The immediate environment must be free of combustible and other flammable or explosive substances.**
20. **Young people under 18 years of age and users who are not sufficiently familiar with its operation must not use the product.**
21. **Persons unable to safely and carefully use the tool for physical, psychological and neural reasons must not use the product.**
22. **Work with caution and only if you are physically fit:** Working under the effects of fatigue, illness, alcohol, medication and drugs is irresponsible, as you are unable to use the product safely.

SERVICE

1. **DISCONNECT TOOLS before servicing;** when changing accessories, such as cutting discs and the like.
2. **Have your electrical tool repaired only by qualified technicians, using only genuine spare parts.** This will maintain the safety of the electrical tool.
3. **DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
4. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

SAFETY RULES

- 5. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- 6. Only the maintenance work and troubleshooting activities described in this instructions for use may be carried out.** All other work must be carried out by an expert.
- 7. Conversions, unauthorized modifications and the use of non-approved parts are prohibited.**

PRODUCT-SPECIFIC SAFETY WARNINGS

- 1. Make sure that you always stand to the side of the cutting disc.**
- 2. WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.
- 3. ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- 4. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.
- 5. NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- 6. Use only cutting discs that are suitable for the product.**
- 7. Only use faultless cutting discs.** Dismount damaged or worn cutting discs immediately.
- 8. Never use segmented cutting discs.**
- 9. Faults in the machine, including guards or diamond discs, should be reported as soon as they are discovered.** Never use the machine without the guard in position.
- 10. Do not twist or bend workpieces.**
- 11. Never cut several workpieces simultaneously - and do not cut bundles made of several individual pieces.** A workpiece can get caught in the cutting disc and fly out of control.
- 12. Never cut workpieces on which there are ropes, cords, bands, cables or wires containing such materials.**

SAFETY RULES

13. **Make regular checks to ensure that the cutting disc is correctly fastened.**
14. **Make sure that during the cutting operation, an adequate quantity of cooling water reaches the cutting surfaces of the disc at all times.**
15. **Never cut wood or metal with this saw.**
16. **Always maintain sufficient distance from the cutting disc.** Switch off the product and wait until the cutting disc stops before removing workpieces, residual material etc. from the work area.
17. **Always pull out the mains plug (disconnect the product from its power supply) before commencing work on the product.**
18. **A cutting disc can cause injuries, even when stationary!** Use protective gloves to change the cutting disc.
19. **Never use lateral counter pressure to bring the cutting disc to a standstill after switching off the drive.**
20. **Replace table insert when worn.**
21. **Use only diamond discs recommended by the manufacturer.**
22. **Never use blades on this machine.**
23. **Use only diamond discs for which the maximum possible speed is not less than the maximum spindle speed of the tool and the material to be cut.**
24. **Maximum size of working piece should be 1m².**
25. **This tile saw should be used at an ambient temperature only (between 15°C and 30°C).**
26. **USE PROPER EXTENSION CORD.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table C on page 9 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

STORAGE AND TRANSPORT

1. **Always store the product in a dry place.**
2. **Store the product in a frost-free place.**
3. **Protect the product from damage during transport.**
4. **Keep the product away from children.** Store the product in a place where it is safe from children and unauthorized persons.

SAFETY RULES

RESIDUAL RISKS

Even when the product is used properly and in compliance with all the safety precautions in these instructions for use, the following residual risks can arise:

- Touching the cutting disc in the exposed area.
- Reaching into the spinning cutting disc.
- Rebound from workpieces and workpiece parts.
- Cutting disc breaks.
- Faulty cutting disc diamond attachment being flung out.
- Hearing damage through failure to wear the requisite hearing protection.

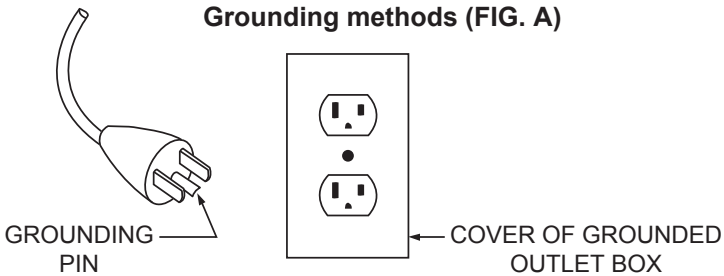
WARNING

For your own safety read instruction manual before operating saw.

- Wear eye protection.
- Use splash hood for every operation for which it can be used.
- Disconnect saw before servicing, when changing cutting wheels, and cleaning.
- Use tool only with smooth edge cutting wheels free of openings and grooves.
- Replace damaged cutting wheel before operating.
- Do not fill water tank above water fill line.
- Do not expose to rain or use in damp locations.

ELECTRICAL SAFETY

A. GROUNDING INSTRUCTIONS (FIG. A)



In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green

SAFETY RULES

with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

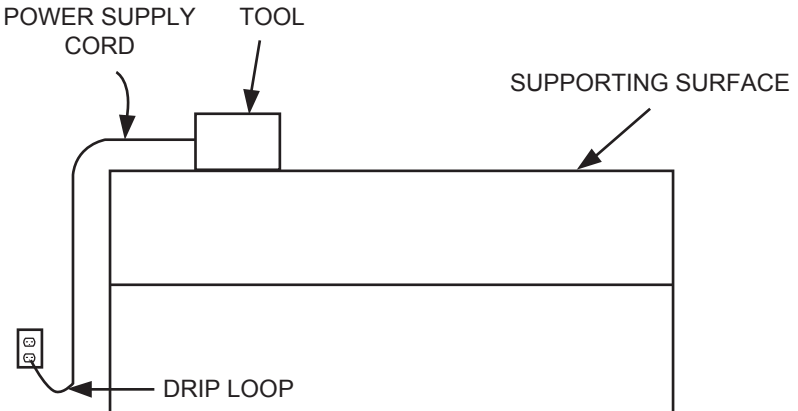
Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.

Repair or replace damaged or worn cord immediately.

B. POSITION OF TILE SAW (FIG. B)

DRIP LOOP (FIG. B)



1. To avoid the possibility of the appliance plug or receptacle getting wet, position tile saw to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle or plug. The user should arrange a "drip loop" in the cord connecting the saw to a receptacle. The "drip loop" is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle.
2. If the plug or receptacle does get wet, DON'T unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the tool. Then unplug and examine for presence of water in the receptacle.

SAFETY RULES

C. EXTENSION CORDS (FIG. C)

Minimum gauge for extension cords (FIG. C)

Ampere Rating		Volts	Total length of cord in feet			
		120 V	25 ft	50 ft	100 ft	150 ft
More Than	Not More Than	AWG				
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

1. Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking "Acceptable for use with outdoor appliances; store indoors while not in use." Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Handle extension cords carefully; do not yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.
2. **WARNING** - To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.
3. Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the tile saw. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.

EXPLANATION OF SYMBOLS



Conforms to United States



Wear ear protection



Read instructions before use



Wear eye protection



Risk of electric shock



Wear suitable face mask



Risk of injury when instructions are not followed



Wear gloves



Wet conditions alert

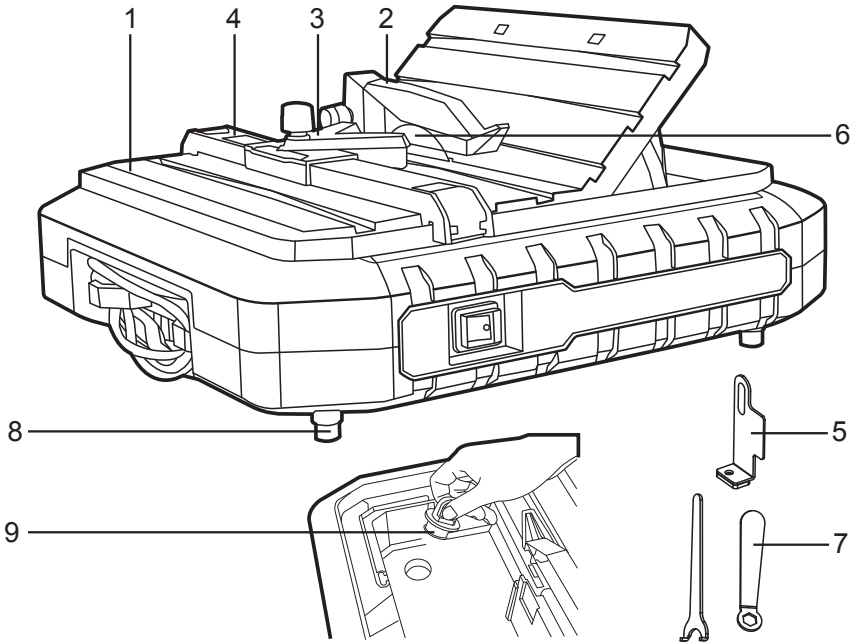


Waste electrical products should not be disposed of with household waste

TECHNICAL SPECIFICATIONS

Code	G02770
Model	TC115I
Voltage	120V~ 60Hz 4.1AMP
No load speed	5300 RPM
Insulation class	Class I
Dimensions of the diamond disc	4-1/2" x 5/8" (115 x 16 mm)
Working table size	13" x 14-11/64" (330 x 360 mm)
Maximum cutting depth	25/32" (20 mm) at 90°
Max. workpiece thickness for 45° jolly cut	1/2" (12.5 mm)
Net weight	12 lbs (5.5 kg)

PACKAGE CONTENTS



PART	DESCRIPTION	QUANTITY
1	Tile saw (assembled)	1
2	Protective guard	1
3	Mitre cutting guide	1
4	Parallel guide	1
5	Metal bracket	1
6	Diamond disc	1
7	Spanners	2
8	Rubber feet	4
9	Water reservoir plug	1

ASSEMBLY

This tile saw must only be used only to cut tiles to a required size or shape. It shall not be used to cut inflammable, explosive or toxic materials. Other uses for the machine will lead to the damage of the machine and a series of dangers to the operator. This tool is for private and household use, not for professional or industrial ones. Only identical accessories as the ones provided with the tile saw are authorized. Never use the appliance in the rain or other wet conditions.

ASSEMBLY

Unpacking

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as long as possible until the end of the warranty period.



WARNING

Packaging materials are not toys! Children must not play with plastic bags!
Danger of suffocation!

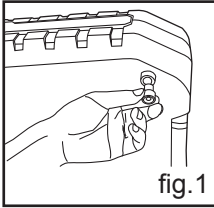


fig.1

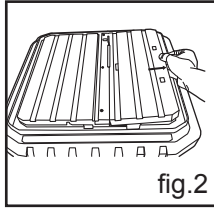


fig.2

INSTALLATION OF RUBBER FEET (Fig. 1)

- Insert the rubber feet into the 4 holes in the base (fig. 1).

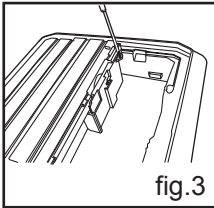


fig.3

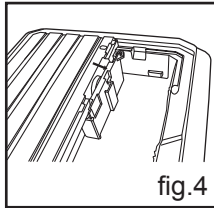


fig.4

INSTALLATION OF THE DIAMOND DISC AND METAL BRACKET (Fig. 2-12)

- Unplug the tile saw from the mains supply.
- Remove the cover (45° vertical fence) of the water tank (fig. 2).
- Remove the fixing screw & washer of the blade guard (fig. 3).
- Swing the blade guard then lift it out of the notch (fig. 4-5).
- Remove the nut and outer flange from the spindle (fig. 6).
- Fit the diamond disc (fig. 7). Please pay attention to the rotation direction on the diamond disc. The direction arrows on the disc must be in the same direction as that marked on housing.
- Ensure the diamond disc is fully located and centred.

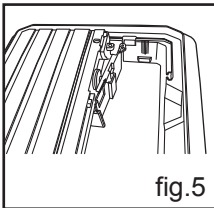


fig.5

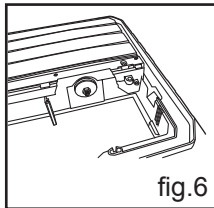


fig.6

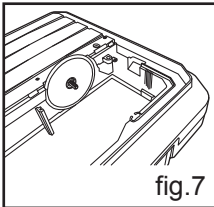


fig.7

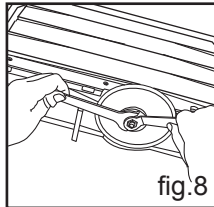
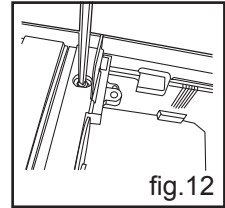
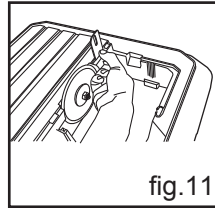
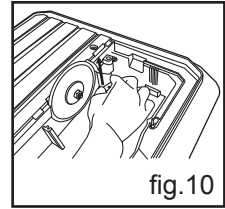
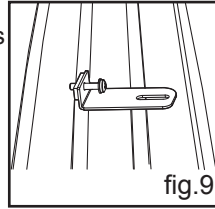


fig.8

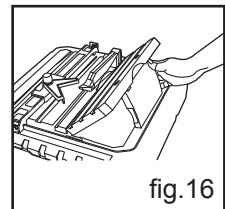
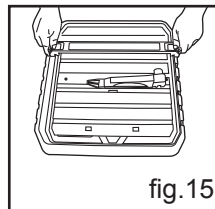
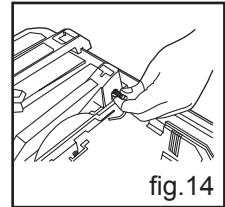
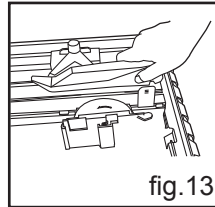
ASSEMBLY

- Replace the outer flange and nut and tighten securely with the two spanners provided (fig. 8). Check that both blade flanges are in contact with the blade.
- Unscrew the screw & washer from the metal bracket (fig. 9).
- Put the metal bracket under the plastic housing then slide it into the slot (fig. 10-11).
- The metal bracket can be fixed into position using the screw supplied (fig. 12). Ensure the metal bracket is in line with the diamond disc.
- Insert the blade guard into the notch then tighten the screw (fig. 3).
- Put the cover (45° vertical fence) back into position.



INSTALLATION OF THE PROTECTIVE GUARD (Fig. 13-14)

- Unplug the tile saw from the mains supply.
- Place the guard onto the metal bracket (fig. 13) and fix in place using the screw and washer. Push the red cover cap over the nut (fig. 14).
- Cover the diamond disc with the guard.
- Ensure that protective guard can move freely and that it cannot touch the disc.
- Do not over tighten the protective guard when fixing it. The guard should be free to rise and fall as the workpiece is pushed towards the disc.



INSTALLATION OF THE PARALLEL GUIDE (Fig. 15-16)

- Unplug the tile saw from the mains supply.
- Put the parallel guide onto the working table and fix it using the plastic securing knobs (fig. 15).
- Mitre cutting can be performed by using the mitre cutting guide. The angle can be adjusted from 0° to 45° by unscrewing the red plastic screw.
- To perform 45° bevel cut, raise one side of the table, lever out the support and locate the lugs into the corresponding holes in the deck (fig. 16).
- Ensure that the deck is correctly secured before working.

ASSEMBLY

FILLING THE WATER TANK (Fig. 17)

Before cutting, the tank must be filled with water:

- Unplug the tile saw from the mains supply.
- Remove the cover from the working table.
- Fill the tank with water to above the fill line (fig. 17a).
- When you have finished cutting, remove the plug inside the tank to drain the water (fig. 17b).

Warning: Do not add chemicals or detergents to the water.

CONNECTION TO THE ELECTRICAL SUPPLY

Before switching on, make sure that the voltage of the mains supply is the same as indicated on the rating plate. This product is designed to operate on 120V~60Hz.

Connecting it to any other power source may cause damage. This appliance must be properly grounded. If in doubt, please consult a qualified electrician. The mains supply shall be fed via a 10 amp min. fuse. Put the tile saw on a clean, stable and flat surface.

WARNING ! Before switching the tile saw on, make sure that you have read and understood all of the safety instructions. Make sure that the tile saw is unplugged when the tile saw is not being used or adjustments are being made.

- Plug the mains cable into the mains supply.
- Fill the water tank. Press the switch marked I.
- The machine will now start. Always allow the disc to reach full speed before performing any cutting operations.
- To switch off the machine, push the switch marked 0. The tile saw will now stop.

WARNING ! The disc will continue to rotate for a few seconds after the machine has been switched off. Wait for the disc to stop before removing the workpiece or making any adjustments.

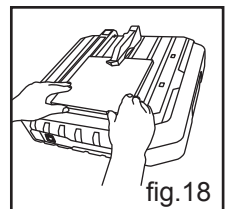
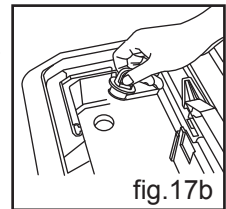
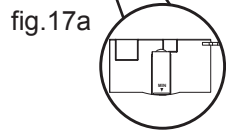
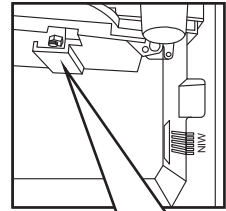
Stop the machine immediately if there is undue vibration or some other fault. If this situation continues, check the machine to find the origin of the fault.

OPERATION

MAKING A STRAIGHT CUT (Fig. 18)

Adjust the parallel guide to the desired width. Use the securing knob to loosen or adjust the guide. Position the tile firmly against the parallel guide and through the blade in a smooth action.

Hold the edges of the tile and press down firmly to prevent the tile lifting during the cut.

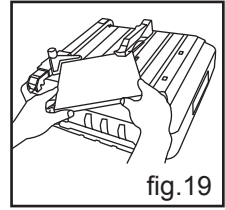


OPERATION

MAKING A MITRE OR DIAGONAL CUT (Fig. 19)

Follow the same procedure for a straight cut but use the mitre cutting guide in conjunction with the parallel guide. The mitre cutting guide simply clips onto the parallel guide.

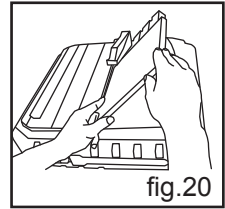
Make sure that the tile is held firmly in the guide before making the cut.



CUTTING AN ANGLE OR BEVEL (Fig. 20)

Use the 45° vertical fence if you wish to cut an angle or bevel on the tile edge. Lift the 45° vertical fence inserting the plastic tabs into the corresponding holes on the table. Then make the cut as before.

Internal or external bevel cuts can be made by turning the tile face up or down (internal - eg. wall corner; external - eg. window reveal).



MAINTENANCE

Make sure that the saw is turned off and unplugged from power source before installation, before cleaning and maintenance operations.

Apart from diamond discs, there are no other user serviceable parts inside this tile saw. Refer to qualified service personnel if internal maintenance is required. Any worn, or damaged parts should be replaced immediately by qualified personnel. Keep discs in good condition. Poor condition or worn discs can increase the noise level emitted.

Do not allow dust to accumulate inside, or on the product. After use, clean all excess dust from the table and the area around the table. Frequently clean the machine using a soft brush or vacuum cleaner.

TROUBLESHOOTING GUIDE

Danger of death!

Improper repairs can result in the product functioning unsafely. This endangers yourself and your environment.

Malfunctions are often caused by minor faults. You can easily remedy most of these yourself. Please consult the following table. You will save yourself a lot of trouble and possibly money too.

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Motor not running.	No mains voltage?	Check cable, plug, socket and fuse.
Motor runs, cutting disc remains still when subject to load.	Flange nut loose?	Check the flange is seated correctly and tighten if necessary.
Cutting disc runs irregularly/vibrates.	1. Cutting disc warped? 2. Cutting disc fitted incorrectly?	1. Replacing the cutting disc. 2. Fit the cutting disc correctly.
Cutting disc is discoloured.	1. Insufficient cooling water? 2. Lateral friction caused by cut runout?	1. Filling the product with water. 2. Guide workpiece through cutting disc more slowly.

ONE-YEAR LIMITED WARRANTY

The manufacturer warrants this item against defects in materials and workmanship for one (1) years from the date of purchase. If within this period the product is found to be defective in material or workmanship, the manufacturer will, at its option, repair, replace or refund the original purchase price to the customer. Please keep the original sales receipt as proof of purchase and call 1-877-876-7562, 8 a.m. – 5 p.m., CST, Monday – Friday for warranty service.

This warranty is void if product is used for commercial purposes. This warranty is not transferable and does not cover products damaged by misuse, neglect, accident, alterations or use and maintenance other than that specified in the owner's manual. This warranty does not apply to any expendable parts that can wear from normal use.

As some states do not allow exclusions or limitations on an implied warranty, the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.