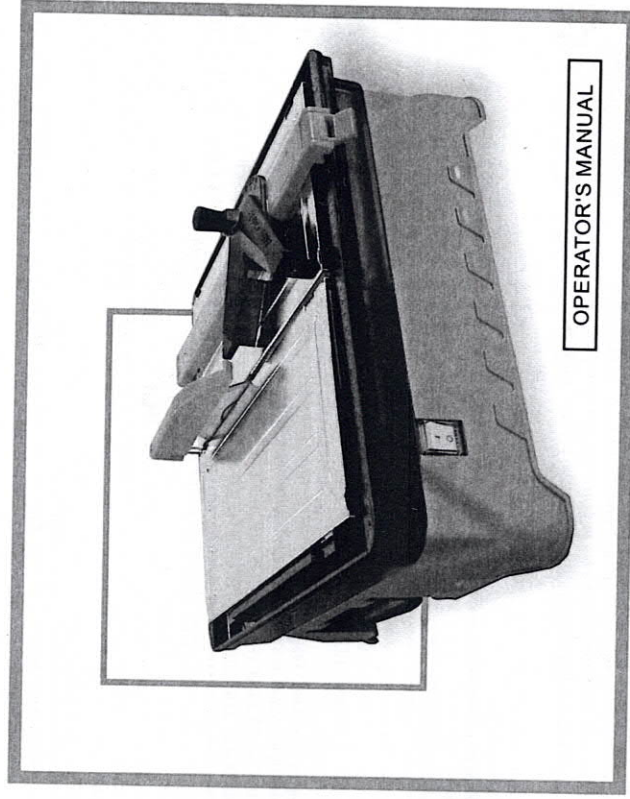


7" WET TILE SAW

A reliable partner you can carry any where like a suitcase

Model : TC107



CAUTION !!

**Read and follow all safety
operating instruction
before using this saw**

CE
PAT.

Made In Taiwan

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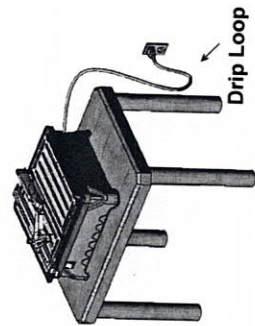
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SAFETY INSTRUCTIONS FOR TILE SAW

- KEEP GUARDS IN PLACE and in working order.
- REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
- 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 lighted.
- KEEP CHILDREN AWAY. All visitors should be kept safe distance from work area.
- MAKE WORKSHOP KID PROOF with padlocks, master switches, or by removing starter keys.
- DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
- USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.
- WEAR PROPER APPAREL. Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. No slip footwear is recommended. Wear protective hair covering to contain long hair.
- 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.
- SECURE WORK. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.
- DON'T OVERREACH. Keep proper footing and balance at all times.
- MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- DISCONNECT TOOLS before servicing, when changing accessories, such as blades, bits, cutters, and the like.
- REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in off position before plugging in.
- USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.
- NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
- 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 parts that is damaged should be properly repaired or replaced.
- DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
- NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.
- POSITIONING OF TILE SAW (See Illustration 1)

A. To avoid the possibility of the appliance plug or receptacle getting wet, position the 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" is that part of the cord below the level of the receptacle, or connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle.

B. If the plug or receptacle does get wet, DO NOT 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.



(Illustration 1)

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 bath above water fill line.

ELECTRICAL REQUIREMENTS

- CONNECTING TOOL TO POWER SOURCE OUTLET. This machine source must be grounded while in use to protect the operator from electrical shock.
- In the event of a malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electrical shock. This tool is equipped with an electric cord having 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 (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.
- 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 that 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.
- 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.
- Only UL Listed extension cords should be used with this product.
- Improper use of extension cords may cause inefficient operation of your tool, which can result in overheating.
- Be sure your extension cord is rated to allow sufficient current flow to the motor. For the proper gauge for your tool, see chart.
- Do not let your fingers touch the terminals of plug when installing or removing the plug to or from the outlet.
- If not properly grounded, this power tool can incur the potential hazard of electrical shock particularly when used in damp locations or in proximity to plumbing. If an electrical shock occurs, there is the potential of a secondary hazard such as your hands contacting the saw blade.

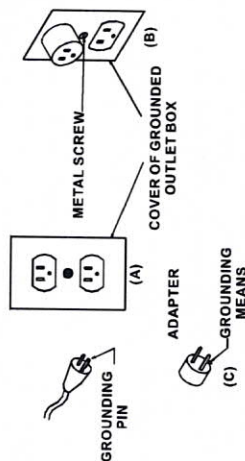
EXTENSION CORDS:

Use proper extension cord and make sure your extension cord is in good condition. When using an extension cord, make sure all cords are no smaller than a #18 gauge and equipped with 3 prong plugs. Use of anything smaller may result in the overheating or burn out of the motor. It is recommended to have an electrician check the incoming voltage prior to usage to ensure safe and efficient use. The smaller the gauge numbers the heavier the cord.

CAUTION: To avoid permanent motor damage you must use the correct extension cord. Never use more than one extension cord at a time.

GROUNDING INSTRUCTIONS

- A. All grounded, cord-connected tools:
- 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 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.



(Illustration 2)

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 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 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.

Repair or replace damaged or worn cord immediately.

- B. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating less than 150volts: This tool is intended for use on a circuit that has an outlet that looks like the one shown in figure A in illustration 2. A temporary adapter, which looks like the adapter shown in figure B in illustration 2, may be used to connect this plug to a 2-pole receptacle as shown in figure B in illustration 2 if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, lug, and the like, extending from the adapter must be connected to a permanent ground such as properly grounded outlet box.

SAFETY GUIDELINES

READ THIS OWNER'S MANUAL COMPLETELY AND MAKE SURE YOU UNDERSTAND ALL SAFETY GUIDELINES.

- Make sure the power switch on your tile saw is in the "OFF" position before plugging it in.
- Do not leave the tile saw unattended while it is running. Always turn the power to the "OFF" position when not in use.
- Always wear safety goggles, dust mask, and ear protection when operating the tile saw.
- Always remain alert when the tile saw is in use. Inattention on the part of the operator may lead to a serious injury.
- Keep children away. All visitors should be kept at a safe distance from work area.
- Always keep the blade guard in the down position while operating the tile saw.
- Disconnect the unit from its power source before installing or changing blades and before cleaning or servicing the tile saw.
- Never stand on tools. Serious injuries could occur if the tool tipped or if the cutting tool is unintentionally contacted.
- Do not directly wash the bottom of the motor.
- Do not force the material being cut. Always let the blade cut at its own speed.
- Do not force a tool to do a job it isn't designed to do.
- Make sure you use the correct blade for the job you are doing.
- This tile saw is equipped with a three-prong electrical plug. Do not alter the plug or use a two-prong receptacle.
- Keep your work space clear and free of all debris.
- Keep the tile saw clean and maintained to achieve the safest and highest performance for each job.

FEATURES OF THE TILE SAW

- Direct drive induction motor.
- Reinforced cutting table will not bend easily.
- 180mm blade cuts tile up to 33mm thick.
- Detachable blade guard is designed for quick blade installation.
- Adjustable rip and miter guides allows users to make 90° rip cuts and 0-45° angle cuts on both right and left side.
- The left cutting table is hinged to work as an adjustable bevel block for 15°, 30°, and 45° bevel cuts.
- The right cutting table has a built-in water reservoir for cooling the blade.
- The water reservoir contains a side overflow hole to ensure the proper water level.
- The built-in handle helps users to carry the portable tile saw easily as a suitcase from place to place.
- Power cord and rip guide can be stored in bottom storage to prevent the accessories loss or damage.

ELECTRICAL & MOTOR SPECIFICATIONS

MOTOR SPECIFICATIONS	
• Volts	230V
• Hertz	50Hz
• RPM	3000

UNPACKING

CAUTION: Follow all of the assembly & installation instructions completely before connecting the tile cutter to a power source or turning the motor on.

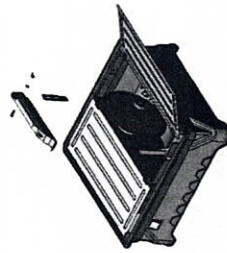
The contents of the box are as follows:

- 180mm (7") Diamond Blade
- Rip Guide
- Miter Guide
- Blade Guard
- Manual
- Universal Wrench

ASSEMBLY & SET UP

• Blade installation

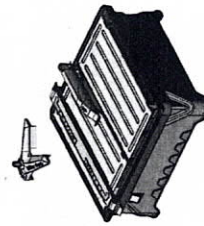
Place the blade onto the shaft, pushing it against the inner flange. Make sure the side of the blade with directional arrow is facing towards you. Next place the outer flange and blade shaft nut, and then tighten the blade shaft nut. Make sure the nut is firmly tightened with the enclosed wrench vided **Do not over-tighten!** (See Diagram 1)



(Diagram 1)

• Blade guard installation

Insert guard support into the socket. Make sure the support is parallel to the blade. Place blade guards onto support and tighten wing nut. (See Diagram 1)



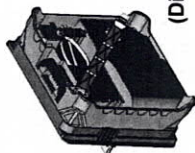
(Diagram 2)

- Place the rip guide on the top of the cutting table and clamp both ends. Rip guide can be placed on both right and left side. (See Diagram 2)

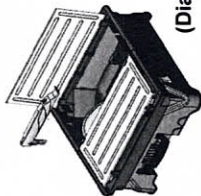
- Place the miter guide onto the rip guide. The miter guide is designed to attach to rip guide. Therefore users use miter guide on both right and left side. (See Diagram 2)

SAW OPERATION

- Take out the rip guide from the bottom storage (See Diagram 3)
- Take out the electrical cord to connect to the power source. The electrical cord is stored underneath the cutter. (See Diagram 3)
- Detach the Blade guard, and then open the right cutting table to fill the reservoir with water to the recommended level. Attention! Keep water level with lines. (See Diagram 4)
- Attach the blade guard above the blade and close the right cutting table. Now you are ready to cut!



(Diagram 3)

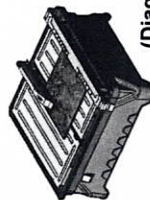


(Diagram 4)

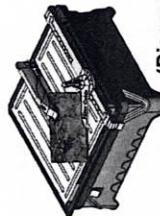
Steps for rip, angle, & bevel cuts

The edge of the cutting table (upper frame) is marked with rigid dimension in both inches and centimeters for accurate cutting.

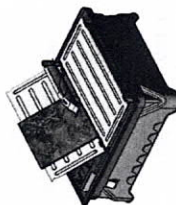
- For 90° rip cuts, after the rip guide is positioned for the desired dimension, lean the material against the tile guide then push the material forward to the blade. (See Diagram 5)
- For 0° - 45° angle cuts, attach the miter guide on the rip guide. Choose the degree you want and tighten the adjustment knob. Then push the miter guide and material together forwards the blade to cut the material. (See Diagram 6)
- For bevel cuts raise the left cutting table to the desired angle, you can choose 15°, 30°, and 45°. Put the two stands into the grooves to hold the cutting table in place. Place the material face down onto the left cutting table and you are ready to cut. (See Diagram 7)



(Diagram 5)



(Diagram 6)



(Diagram 7)

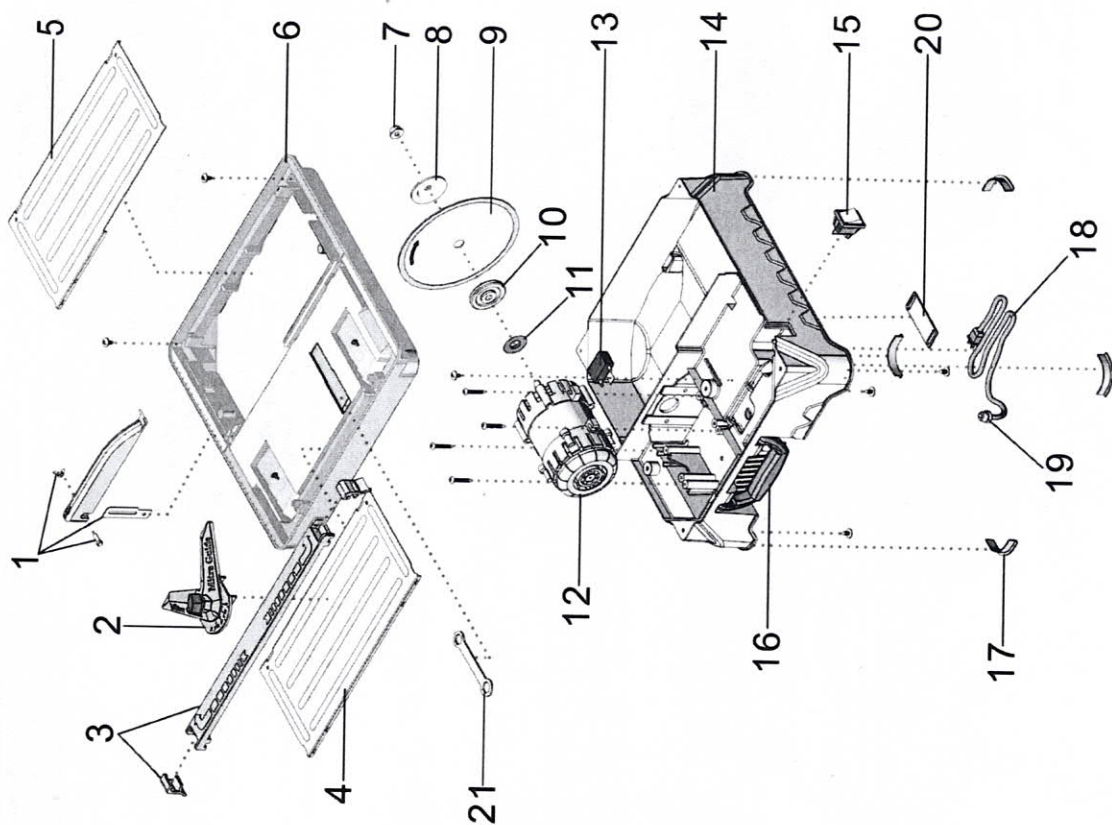
SAW MAINTENANCE

WARNING: Do not service, clean, or maintain the tile saw without first turning off the motor and unplugging the tile saw from its power source. Failure to do so may result in a serious injury to the operator.

For the longest life and best performance:

- Always clean the tile saw after each use & store it in dry conditions
- Wipe off all exterior surfaces and keep the cutting table clean and free of all debris.
- Always let the blade cut at its own speed. Do not force the material being cut.
- Always check the blade for cracks or signs of damage.
- Always store the electrical cord underneath the saw after use.
- Always keep water level at the recommended level. Do not let the saw run dry!
- Never attempt to service the internal parts of the motor by yourself, as this will void your guarantee.

EXPLODED DIAGRAM



PARTS LIST

PARTS	DESCRIPTION	Q'TY
1	Blade Guard Set (w/ Screw, Wing Nut, Guard Support)	1
2	Miter Guide Set (w/ Adjustment Knob & Hex Nut)	1
3	Rip Guide	1
4	Left Cutting Table	1
5	Right Cutting Table	1
6	Upper Frame	1
7	Blade Lock Nut	1
8	Outer Flange	1
9	Blade	1
10	Inner Flange	1
11	Oil Seal for Motor	1
12	Motor (w/ Screw)	1
13	Capacitor (w/ Screw)	1
14	Main Frame (w/ Screw)	1
15	Waterproof Switch (w/ Waterproof Rubber Cover)	1
16	Carrying Handle	1
17	Rubber Base	4
18	Power Cord	1
19	Strain Relief Bushing	1
20	Power Cord Shelter	1
21	Universal Wrench	1