WARNING:
Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.
Introduction:

The tile cutting machine is designed to perform cutting jobs on small and medium tiles (floor and wall tiles made of ceramic and similar material) which suit the machine's size. It is intended in particular for use by DIY enthusiasts and craftsmen. Do not use the machine to cut wood or metal! The machine is to be used solely for its intended purpose. Any use other than its intended use is a case of misuse. The user/operator and not the manufacturer shall be liable for any damage or injury resulting from cases of misuse. Only those cutting wheels suitable for the machine are to be used. Do not use saw blades! For the machine to be used as intended it is also important to observe the safety instructions, the assembly instructions, and the operating instructions set out in this manual. All persons entrusted with operating and servicing the machine must be acquainted with the manual and must be informed about the machine's potential hazards. The manufacturer can accept no liability whatsoever for damages resulting from any modifications to the machine.

Specifications:

Motor: .....................500 Watts (2/3 HP), 110 V 60 Hz  
RPM: .................................................................3500  
Max Cutting Height: .......................................1-3/8"  
Table Dims: ........................................15-1/2" x 15"  
Height: .................................................................6.8"  
Diamond Wheel Dims: .....................7" x 5/64" x 5/8"  

Notes: Please read this manual carefully and follow the instructions. Use the manual to familiarize yourself with the machine, its proper use and safety instructions.

⚠️ WARNING! For safety reasons children, young people under the age of 16 years, and all persons who have not read and understood the operating instructions should not use the tile cutting machine.

Description of the Machine:

• Portable tile cutting machine for small and medium tiles
• Cutting performed by a diamond cutting wheel
• Tilting work top up to 45 degrees
• Cutting wheel cooled with water
• Straight fence and mitre fence
• Removable trough as cooling water container (to remove: pull out the trough as far as the stop and then lift slightly to remove completely).
General Safety Rules:

⚠️ WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

⚠️ WARNING! The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS

Work area
- Keep work area clean and well lit. Cluttered and dark work areas can cause accidents.
- Do not use your tool where there is a risk of causing a fire or an explosion; e.g. in the presence of flammable liquids, gasses, or dust. Power tools create sparks, which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.

Electrical safety
- WARNING! Always check to ensure the power supply corresponds to the voltage on the rating plate.
- Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords may cause a fire and increase the risk of electric shock.
- Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.
- Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still doesn’t fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.
- Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increase risk of electric shock if you body is grounded.
- When operating a power tool outside, use an outdoor extension cord marked “W-A” or “W.” These cords are rated for outdoor use and reduce the risk of electric shock.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not let your fingers touch the terminals of plug when installing or removing the plug to or from the outlet.

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 serious personal injury.
• Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Air vents often cover moving parts and should be avoided.

• Always use the appropriate eye protection and other safety equipment. Safety equipment such as dust mask, non-skid safety shoes, hardhat, or hearing protection used for appropriate conditions will reduce personal injuries.

• Avoid accidental starting. Ensure the switch is in the off position before plugging tool into power outlet. Do not carry the power tool with your finger on the switch.

• Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

• Remove adjusting keys or wrenches before turning the tool on. A wrench or key that is left attached to a rotating part of the tool may result in personal injury.

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 for which it was designed.

• 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 by an authorized service representative.

• Disconnect the power from tool and place the switch in the locked or off position before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

• Secure work with clamps or a vise instead of your hand to hold work when practical. This safety precaution allows for proper tool operation using both hands.

• Store idle power 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.

• Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Keep handles dry, clean, and free from oil and grease.

• Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

• Keep guards in place and in working order.

• Do not leave tool running unattended.

⚠️ Caution: the cutting wheel continues to rotate after the item is powered off.

• Do not use a damaged diamond blade. Check blades carefully for cracks, nicks, and other damage and replace damaged blade before operating.

• Do not dry cut with blades designed for wet cutting. Make sure you use the correct blade for the job you are doing.

• Do not use segment-type cutting wheels.
Assembly Instructions:

1. Insert the adjusting bracket (13) as per drawing (A) but do not tighten screws
2. Fit the diamond cutting wheel as per drawing (C)
   - Insert the flange (22) in the drive shaft as shown in the drawing
   - Mount the cutting wheel (21) on the flange (22) (note the direction of rotation)
   - Insert the counter-flange (20) and then tighten with the nut (19)
3. Align the adjusting bracket (13) in one direction with the cutting wheel and screw tight
4. Put on the guard hood (2) and fix with the thumb screw (5) and the nut (3)
5. Fasten the side cover (18) with the self tapping screws (16)
6. Insert the straight fence (8) as per drawing (B)
7. Screw in the two clamping screws (37) as shown and fasten the table in the inclined position required

Operation:

Changing the Diamond Cutting Wheel

a. Unplug the machine
b. Take out the water trough
c. Undo the screws (16) and remove the side cover (18)
d. Undo the nut (19)
e. Take out the worn diamond wheel. Place a new one on the flange (22). Mount the counter flange (20) and tighten with the nut (19)
f. Re-fit the side cover (18) with the screws (16)

Saw Operation

- Set up machine on level, non-slip ground. The machine should not wobble.
- Be sure the water level in the trough is high enough to contact the wheel and keep it wet during for the entire operation of the saw.
- Direction of feed. Always feed work into blade or cutter against the direction of rotation.
Explode Drawing and Parts List:
<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hex nut M5</td>
<td>27</td>
<td>Plate</td>
</tr>
<tr>
<td>2</td>
<td>Spring lockwasher M5</td>
<td>28</td>
<td>Nut, table tilt</td>
</tr>
<tr>
<td>3</td>
<td>Flat washer M5</td>
<td>29</td>
<td>Protecting board, lower</td>
</tr>
<tr>
<td>4</td>
<td>Blade cover, plastic</td>
<td>30</td>
<td>Bolt M6X12</td>
</tr>
<tr>
<td>5</td>
<td>Bracket, blade guard</td>
<td>31</td>
<td>Hex nut, M6</td>
</tr>
<tr>
<td>6</td>
<td>Bolt M5X30</td>
<td>32</td>
<td>Motor assy.</td>
</tr>
<tr>
<td>7</td>
<td>T able</td>
<td>33</td>
<td>Cover, motor</td>
</tr>
<tr>
<td>9</td>
<td>Rubber cap, rip fence</td>
<td>34</td>
<td>Screw, motor cover, M4X6</td>
</tr>
<tr>
<td>10</td>
<td>Bracket, rip fence</td>
<td>36</td>
<td>Tooth washer 4</td>
</tr>
<tr>
<td>11</td>
<td>Guide bar, rip fence</td>
<td>37</td>
<td>Cable strain relief</td>
</tr>
<tr>
<td>12</td>
<td>Bracket, rip fence</td>
<td>38</td>
<td>Power cable</td>
</tr>
<tr>
<td>13</td>
<td>Screw M5X8</td>
<td>39</td>
<td>Switch</td>
</tr>
<tr>
<td>14</td>
<td>Bolt M6X16</td>
<td>40</td>
<td>Screw, M4X14</td>
</tr>
<tr>
<td>16</td>
<td>Flat washer M6</td>
<td>41</td>
<td>Switch plate</td>
</tr>
<tr>
<td>17</td>
<td>Knob, rip fence</td>
<td>42</td>
<td>Screw, M5X12</td>
</tr>
<tr>
<td>18</td>
<td>Screw M4X10</td>
<td>43</td>
<td>Water tank</td>
</tr>
<tr>
<td>19</td>
<td>Flat washer M4</td>
<td>45</td>
<td>Screw, M4X10</td>
</tr>
<tr>
<td>20</td>
<td>Cover, protection</td>
<td>47</td>
<td>Screw, M3X10</td>
</tr>
<tr>
<td>21</td>
<td>Hex nut, blade shaft M12X1.5</td>
<td>48</td>
<td>Clamp, cord</td>
</tr>
<tr>
<td>22</td>
<td>Plate, outside blade</td>
<td>49</td>
<td>Nut, M3</td>
</tr>
<tr>
<td>23</td>
<td>Diamond blade</td>
<td>50</td>
<td>Rubber foot pad</td>
</tr>
<tr>
<td>24</td>
<td>Plate, inside blade</td>
<td>51</td>
<td>Nut, M5</td>
</tr>
<tr>
<td>25</td>
<td>Body</td>
<td>52</td>
<td>Push pedal</td>
</tr>
<tr>
<td>26</td>
<td>Knob, table tilt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WARNING!

Some dust created by power sanding, sawing, grinding, and other construction activities contains chemicals known to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:

- Lead, from lead-based paints
- Crystalline silica, from bricks, cement, and other masonry products
- Arsenic and chromium, from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and use approved personal protective equipment, such as dust masks that are specially designed to filter out microscopic particles.