

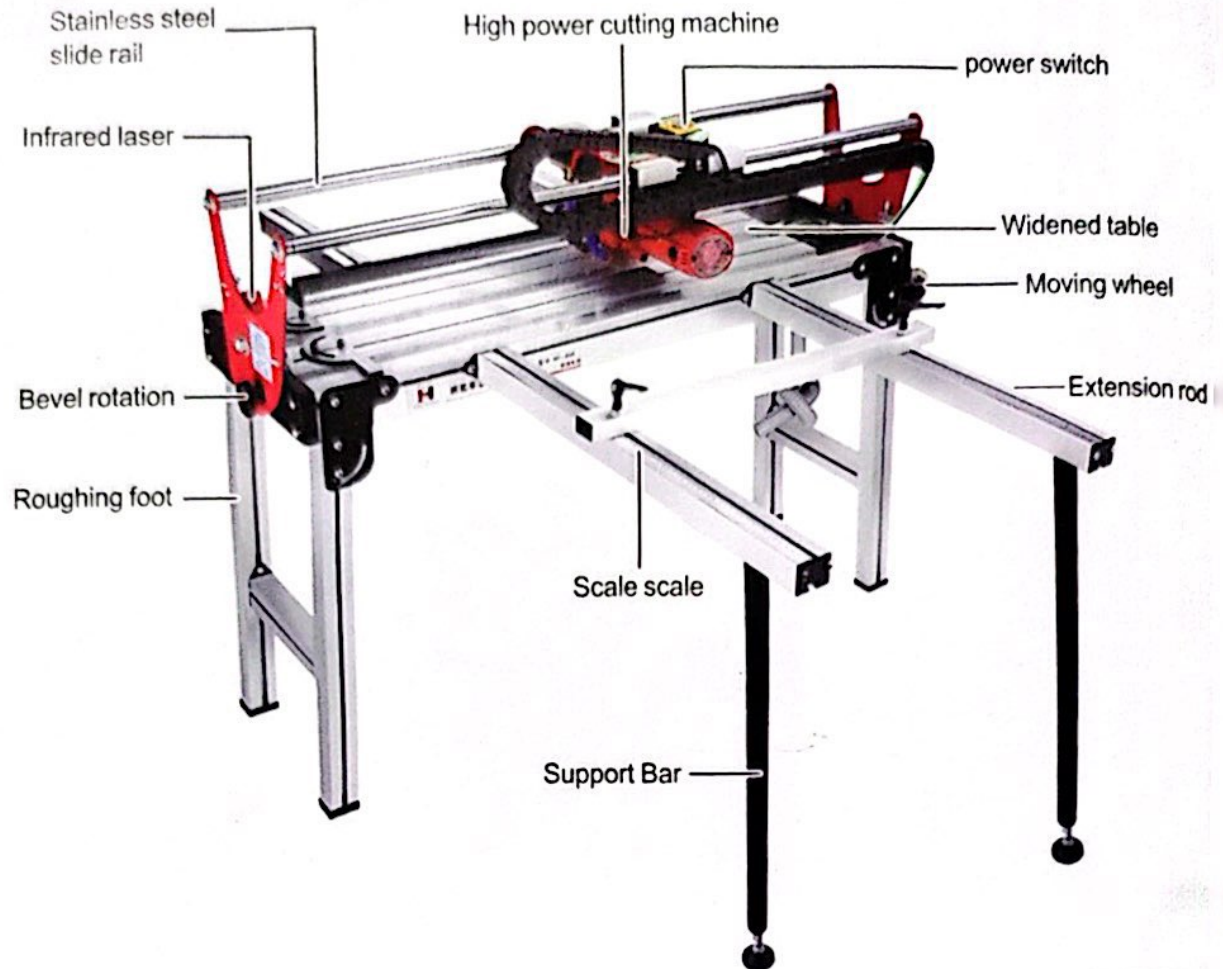
MULTIFUNCTIONAL CERAMIC TILE CUTTING MACHINE



AN INSTRUCTION MANUAL

INTRODUCTION TO CUTTING MACHINE PARAMETERS

Analysis of ingenious manufacturing parts



1. Product Name: electric tile cutting machine
2. Fuselage material: reinforced aluminum fuselage
3. Slide rail material: solid steel
4. Automatic water adding: Yes
5. Motor power: 2300W
6. Cutting depth: 30mm
7. Product features: linear cutting, chamfering, diagonal cutting, ground mosaic, edge grinding and slotting

Three specifications are available

Model 800:	the total length:1100mm	the maximum cutting length:80cm
Model 1000:	the total length:1300mm	the maximum cutting length:100cm
Model 1200:	the total length:1500mm	the maximum cutting length:120cm



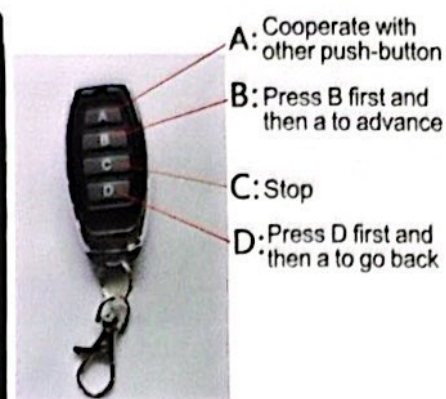
Grinding wheel plate



Cutting blade



Slotted sheet



- A: Cooperate with other push-button
- B: Press B first and then a to advance
- C: Stop
- D: Press D first and then a to go back

ELECTRIC BOX OPERATION GUIDE

1. Gear adjustment

Press + to speed up and - to slow down.

2. Length adjustment: Long press the "manual mode" for 3 seconds, and the individual bits of the display will jump. Press "+" or "-" to lengthen and decrease. Briefly press the manual mode for ten digit runout once, and then press the hundred digit runout once. After the length is set, confirm it according to the automatic mode.

3. Manual mode: Short press the manual mode, press "+" and then press to start, it is forward, short press "-" and then press to start, it is backward.

4. Automatic mode: Short press the automatic mode, press start to move forward automatically, and move backward automatically after the length is completed

5 remote control matching long press the stop key for 3 seconds, and the display displays ---, press the remote control to match.

Automatic payment operation button



Remote control operation key

1. Linear cutting

Accurately measure the required size from the cutting piece, fix the guiding rule and turn on the circulating water

Note: the hardness of ceramic tiles is different, and the cutting speed is adjusted, which is not easy to be too fast



2. Diagonal cutting

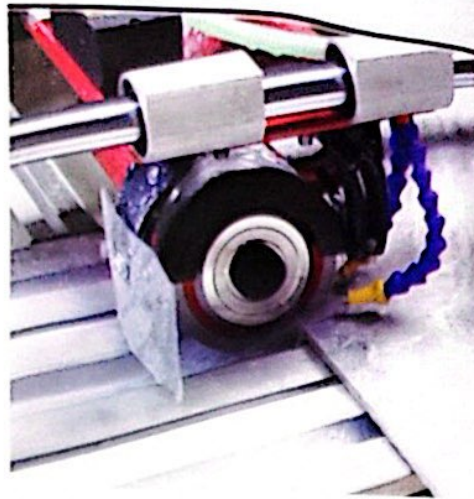
Turn on the infrared to align the tip of the ceramic tile, align the tip of the ceramic tile with the cutting piece at the other end, and then fix the semicircle to fix the backer

Note: the hardness of ceramic tiles is different, and the cutting speed is adjusted, which is not easy to be too fast



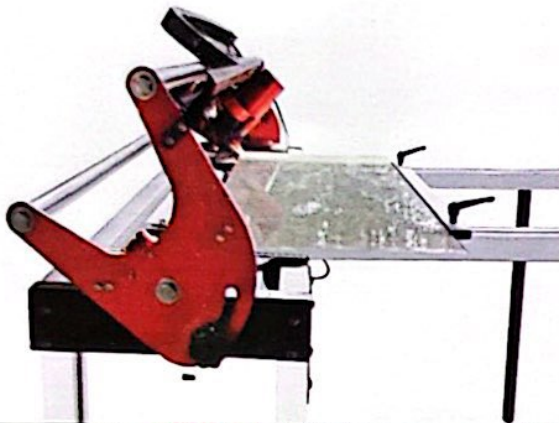
3. Polygon cutting

Draw the cutting line with an angle ruler, align the drawn line with infrared, and then fix it on the edge with a semicircle



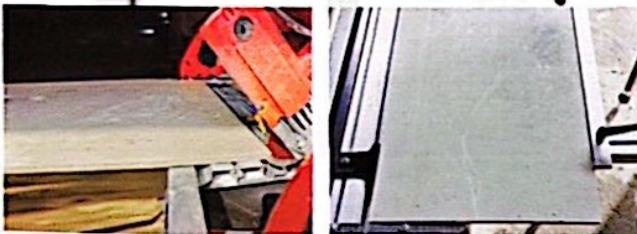
4. Grinding angle while cutting

Use 502 glue to stick the cutting part and the edging wheel together concentrically. After the glue is dried and fixed, install the motor and adjust the height



5. 45 degree inner chamfer

Adjust the machine head to 45°, turn the back of the ceramic tile upward, and adjust the size according to the required width

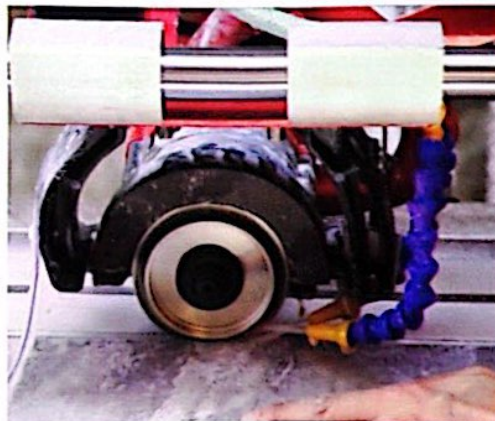


6. Rounding edge

Adjust the backer to the grinding size

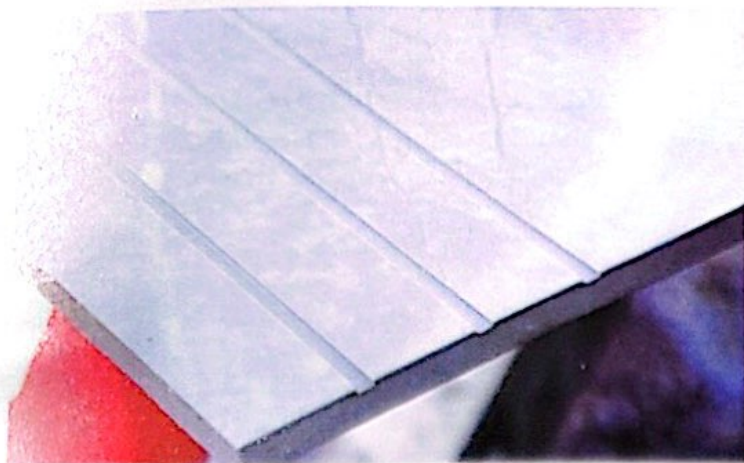
Adjust the cutting depth

Note: the hardness of ceramic tiles is different, and the cutting speed is adjusted, which is not easy to be too fast



Add rounded edge grinding piece





6 slotting

Adjust the backer and the cutting depth.

The water spray nozzle must be aligned with the contact point between the edging wheel and the ceramic tile

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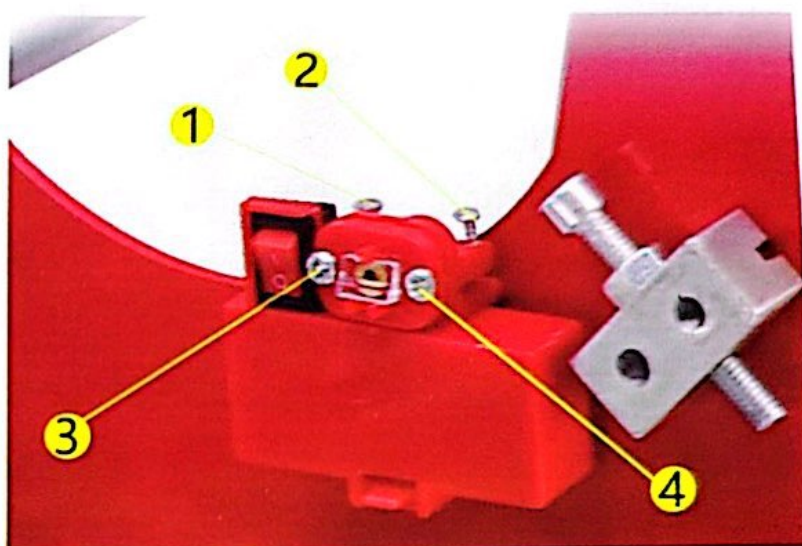
7 water pump

The water pump should be cared for frequently and cleaned after work

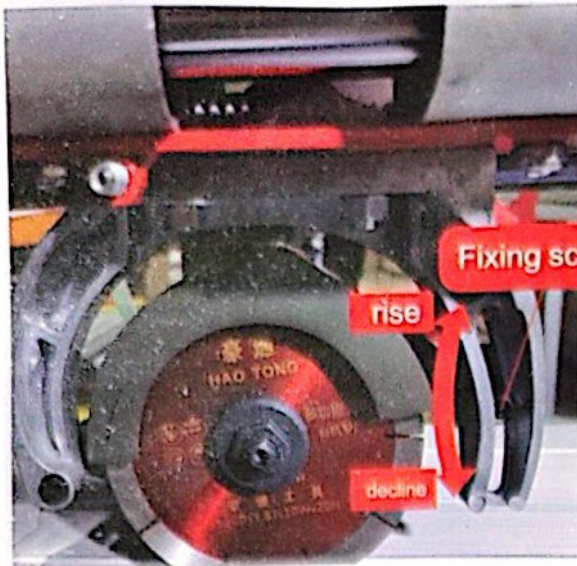
Infrared ray adjustment

1.2 point is the light up and down adjustment

3.4 point is the left-right adjustment of light



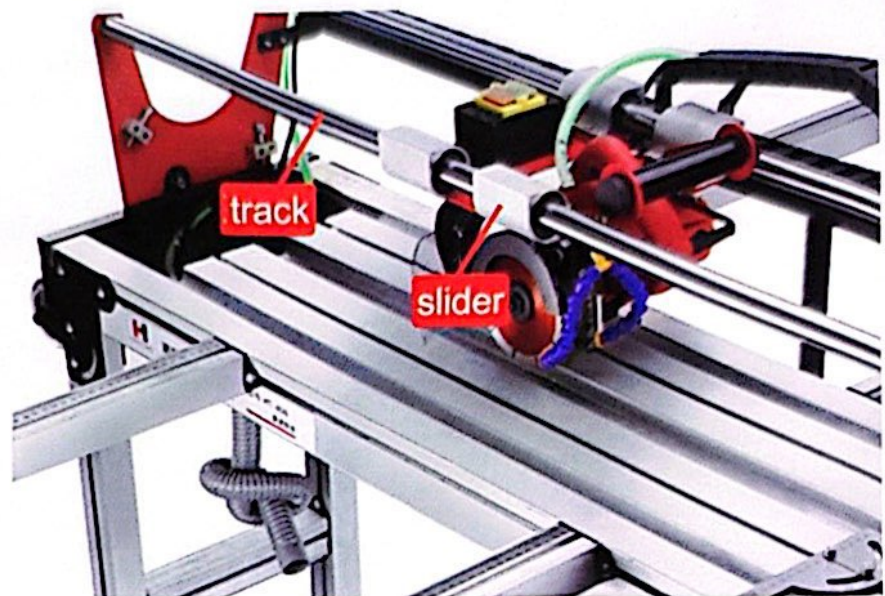
Extend 1200mm and connect the long extension rod with the short extension rod.



Cutting depth adjustment
Slightly loosen the fixing screw
and adjust it according to the
required cutting depth

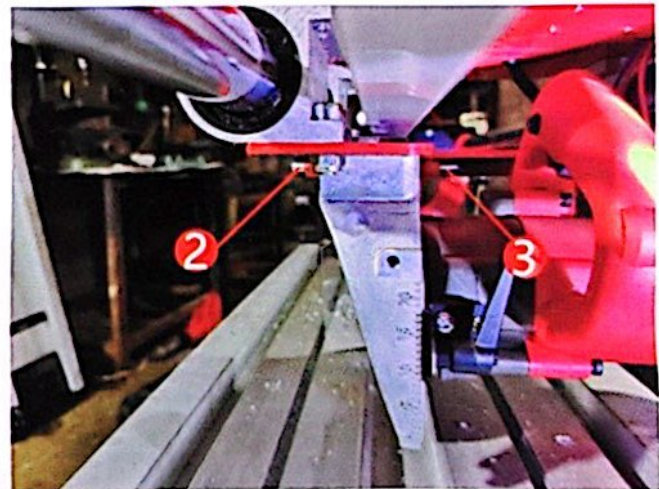
Track and slider maintenance

Always refuel the
track and pull it
back ten to twenty
times



Head left and right adjustment

Slightly loose screw① Then adjust it to the left or right according to the actual situation. When the screw ② is tightened (the screw ③ is loosened first), it is adjusted to the right, and when the screw ③ is tightened (the screw ② is loosened first), it is adjusted to the left





SAFETY TIPS

The following are the safety precautions when using the cutting machine. Please be sure to strictly abide by them, otherwise you may damage the tools or your body

1. Diamond cutting blades that do not meet the performance specified by the manufacturer shall not be used.
2. Broken, deformed or cracked cutting pieces shall not be used.
3. Do not start the cutting machine when the cutting blade is in contact with the workpiece.
4. Replace the cutting blade, adjust the cutting depth and repair the water pipe. Press and hold the leakage protection switch on the plug of the cutting machine, and the cutting machine is in the power-off state.
5. Keep your hands away from the sawing area or diamond saw blade. If you hold the safe place of the cutting machine with both hands, you will not be hurt by the saw blade.
6. Always use the diamond saw blade with proper size and axial shape. If the diamond saw blade is inconsistent with the parts of the cutting machine, it will cause eccentric operation and damage the equipment.
7. Do not use damaged washers and bolts with inconsistent dimensions. The use of damaged washers and bolts with inconsistent dimensions will lead to improper operation and inaccurate normal operation of the equipment.
8. When using this machine for automatic cutting, first slow down the cutting speed and slowly increase the speed, so as to avoid the damage of the cut object and the blocking of the machine.
9. After cutting, the motor idles for two minutes, which is conducive to the discharge of water vapor inside the motor and prolong the service life of the motor.
10. Please keep this manual