

Operation Manual

Tile Cutter

61285



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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Even though, the WilTec Wildanger Technik GmbH has undergone biggest possible efforts to ensure that the operating manual is complete, faultless, and up to date, mistakes cannot be entirely avoided.

If you should find a mistake or wish to make a suggestion for improvement, we look forward to hearing from you.

Send an e-mail to:

service@wiltec.info

or use our contact form:

<https://www.wiltec.de/contacts/>

The most recent version of this manual in various languages can be found in our online shop via:

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Our postal address is:

WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler
Germany

To return orders for exchange, repair, or other purposes, please use the following address. Attention! To allow for a smooth execution of your complaint or return, it is important to contact our customer service team before returning the goods.

Returns Department
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler

E-mail: **service@wiltec.info**

Tel: +49 2403 55592-0

Fax: +49 2403 55592-15



Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

Safety notes

Caution:

This machine is not meant to be operated by people (including children) with limited physical, sensory, or mental abilities and/or lack of knowledge, except if they are supervised or have been instructed on how to use this machine by a person who is responsible for their safety and well-being. Children must be supervised to ensure that they do not play with the device.

Attention:

- Visually examine the machine before every use. Do not use this machine if safety mechanisms are damaged or worn. Never override any safety mechanism.
- The device should only be used for the purpose described in this operating manual.
- You are responsible for the safety in the working area.
- If the cable or the plug have been damaged due to external influences, the cable must under no circumstances be repaired, but needs to be exchanged for a new one. The work can only be carried out by a qualified technician.
- The voltage of 230 V AC stated on the type plate of the machine needs to match the existing supply voltage.
- The machine must never be transported, attached or picked up by its cable.
- Ensure that the electrical plug connection is located in a flood-secure area and protected from humidity.
- Before working on the machine, the plug needs to be disconnected from the socket.
- The operator is responsible for the compliance with all local safety and installation regulations. If necessary, contact a qualified technician.
- If the machine needs to be repaired in any way, the maintenance work can only be carried out by a qualified technician.

Warning:

- **Read all safety notes and instructions.** Negligence of complying with the safety notes and instructions can lead to electric shock, fire, and/or serious injury.
- Keep all safety notes and instructions of this manual for future reference.
- Examine the machine before using it for any damages, especially the cutting disc. Ensure that all attachments are installed orderly. Before using the tool, all safety devices and other parts need to be checked on their impeccable functioning. Damaged parts need to be exchanged prior to use.
- Make sure all moving parts are securely fastened and cannot block the cutting disc.
- The device must not be used if the on/off switch does not function at all or not properly.
- The blade protection must never be removed or blocked.
- If the blade protection should be blocked, it needs to be replaced or repaired.
- Never remove the splitting wedge.
- The tile cutter is only designed for short-term operation. After 15 min, the machine needs to be switched off for 15 min.



Security advice



Wear safety glasses.



Wear safety gloves.



Wear hearing protection.



Wear a dust mask.

- In case of emergency, switch the machine off immediately and pull the plug.
- Never operate the device in rain or snow.
- To protect yourself, wear the recommended protective gear.
- When working with the tile cutter, wear slim fitting clothing, solid shoes and a hairnet for people with long hair.
- Remove all jewellery, including rings.
- Ensure that the machine is placed securely during the work process and the operator needs to ensure to have a secure stand and to be able to keep his balance at all times.
- Do not store any flammable or explosive liquids near the working area.
- Do not remove any of the protective covers and do not touch any parts, which are located on the inside or which can be hot.
- Do not alter any basic motor or drive settings.
- Always operate the machine from a protective socket.
- Never carry the machine by its cable or move it whilst the engine is running.
- Place the machine in a safe environment, where no walls, windows or other items can be hit, in case pieces are launched.
- Ensure a minimum distance during the working process between people, as these might get hit and injured by flying pieces otherwise.
- Do not allow children near the machine.
- Do not technically alter the machine in any way.
- Never touch the cutting disc when it is uncovered, and never touch it when it is spinning.
- Do not use segmented cutting discs and always exchange a damaged disc immediately.
- Ensure that the cutting disc is always spinning inside the water bath.
- The disc will continue spinning after being switched off. Never try to make it slow down/stop with your hands or any other item!
- Do not operate the machine if you are under the influence of alcohol, drugs, or medicine. Read the package leaflet if you are unsure if the substances have any effect on your perception. If in doubt, do not operate the machine.
- Never let any electrical parts touch the water! This can cause serious injury.
- Ensure that the machine stands on a solid, non-slip surface.
- **Attention!** The sound pressure level of this machine stated is a measured reference value. This value can change during use as it is dependent on the environment the machine is used in. Protect yourself and others adequately against noise on the basis of this value.

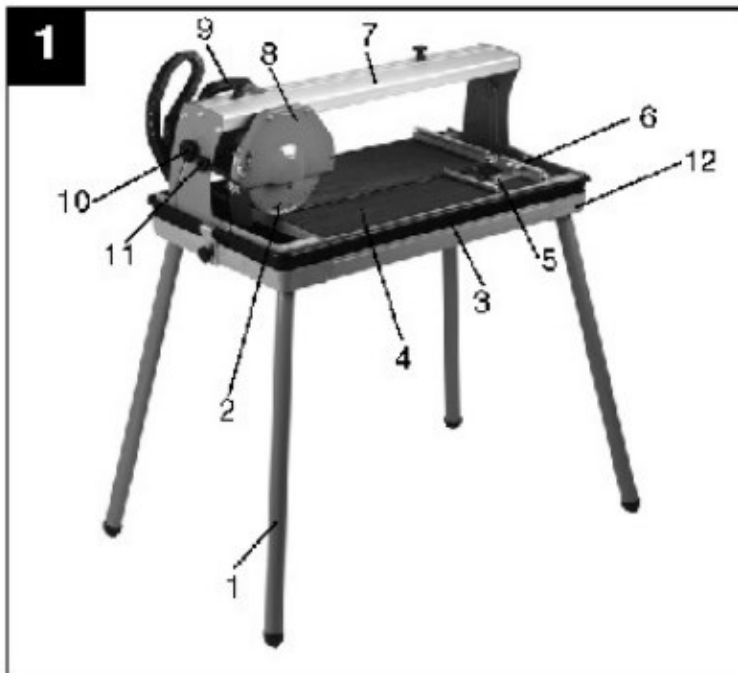
Technical data

Rated power (W)	800
Idle speed (1/min)	3000
Voltage (V)	230
Frequency (Hz)	50
Isolation	IP54
Cutting length (mm)	520
Max. cutting depth 90° (mm)	30
Max. cutting depth 45° (mm)	25
Work table size (mm)	570×380
Diameter of diamond cutting disk (mm)	200×25.4

Sound emissions

	Load	No load
Sound pressure level (dB (A))	94	76
Sound power level (dB (A))	107	89

Description of the device



Nº	Name
1	Frame legs
2	Diamond cutting disc
3	Collecting basin
4	Work table
5	Angular stop
6	Rail stop
7	Guide rail
8	Protective cover for the cutting wheel
9	Handle
10	Star grip screw to adjust the angle
11	Star grip screw for safety during transport
12	Frame

The tile cutter is designed to standardly cut small and medium sized tiles (glazed tiles, ceramic tiles or similar), which can be adjusted in their size via the machine. Never cut wood or metal.

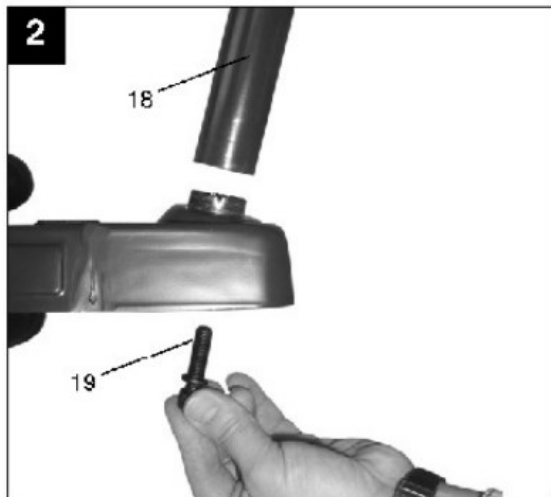
Before use

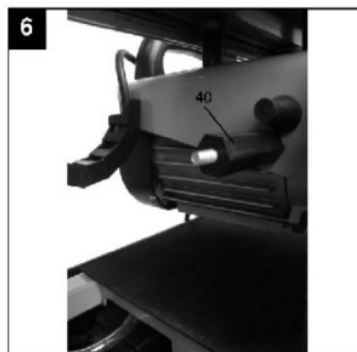
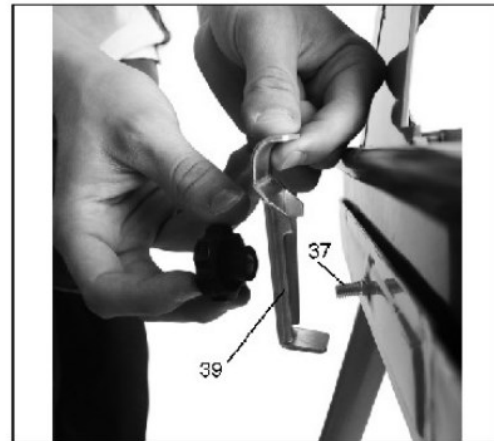
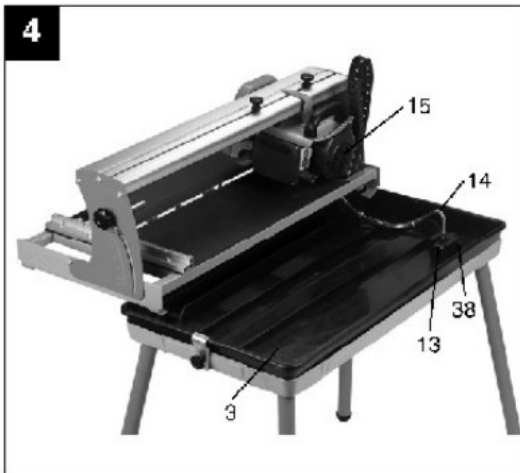
- The machine needs to be placed stably. The cutter should be installed to a fixed work bench or the frame included in the delivery.
- All covers and safety devices need to be installed correctly before operating the machine for the first time.
- The cutting wheel needs to spin evenly.
- Make sure that the current on the type label of the machine matches with the supply voltage before plugging the device in.

Assembly and operation

Assembly (Fig. 2–6)

1. Attach the legs (18) with 4 screws (19) to the frame (12). Then position the frame upright.
2. Place two screws (37) for the collecting basin through the square holes and place the collecting basin (3) into the frame (12).
3. Attach the cooling water pump (13) to its fixture (38). Place the tile cutter in the recess and screw the basin fixing (39) on.
4. Remove the star grip screw (11) and the spacer (40) and place them in a safe area.
5. Fill the basin with water until the cooling water pump is fully submersed. Be careful when filling the basin with water. Make sure you do not touch any electrical equipment with it!





On/off switch (Fig. 7)

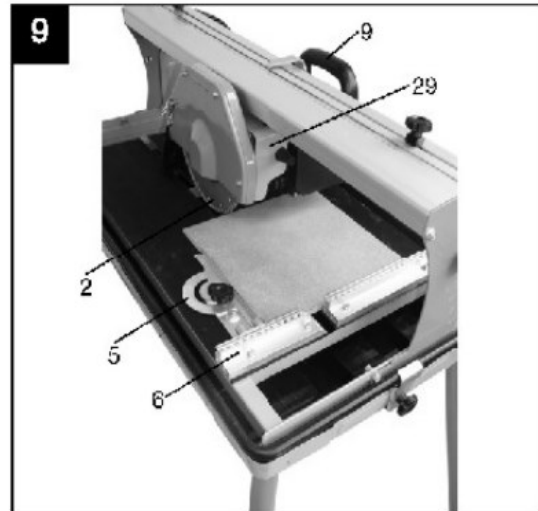
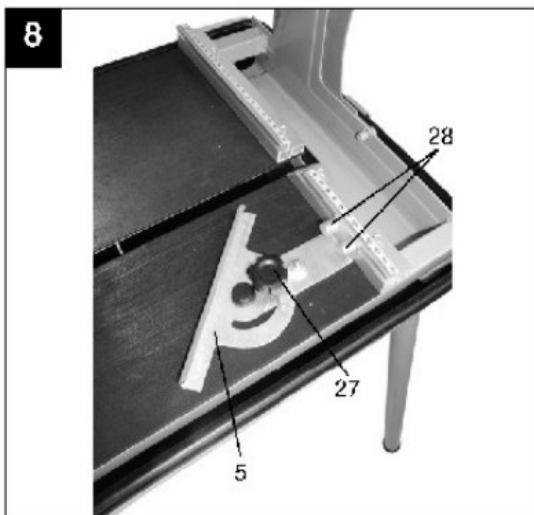
- To turn the machine on, press the “I” button on the on/off switch (16). Before starting the cutting procedure, wait until the cutting wheel has reached its max. speed and the cooling water pump (13) has started to provide the cutting wheel with water.
- To turn the machine off, press the button “O” on the on/off switch (16).



Cutting at a 90° angle (Fig. 8/9)

1. Unscrew the star grip screw (27).
2. Adjust the angular stop (5) at a 90° angle and re-tighten the star grip screw (27).
3. Re-tighten the screws (28) to fix the angular stop (5).
4. Move the machine head (29) via the handle (9) to the other side. Lay the tile against the rail stop (6) at the angular stop (5).
5. Turn the tile cutter on.

Caution: Always wait until the cooling water has reached the cutting wheel (2)! Move the machine head (29) slowly and smoothly through the tile (9) via the handle. After cutting, turn the tile cutter off.



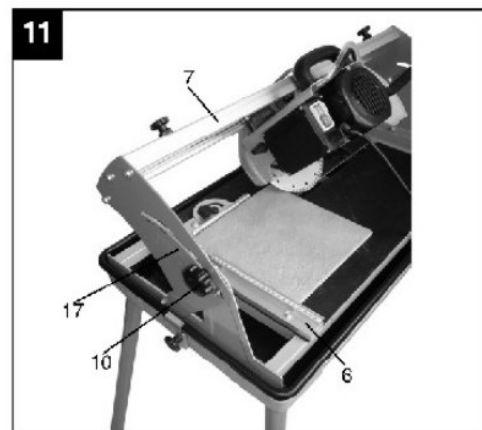
Cutting at a 45° diagonal angle (Fig. 10)

1. Alter the angular stop (5) to a 45° angle.
2. Cut like previously described.



Cutting at a 45° longitudinal Angle (Fig. 11)

1. Loosen the star grip screw (10).
2. The guide rail (7) on the angular scale (17) can be tilted up to 45°.
3. Re-tighten the star grip screw (10).
4. Cut like previously described.

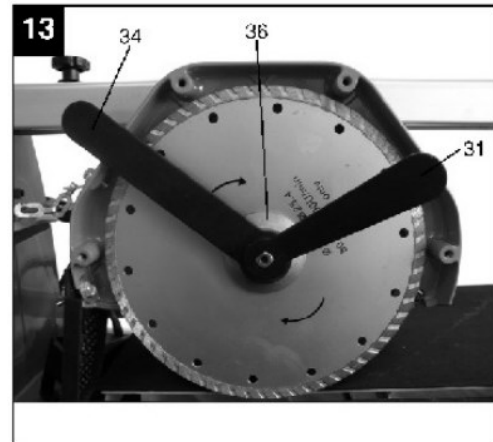
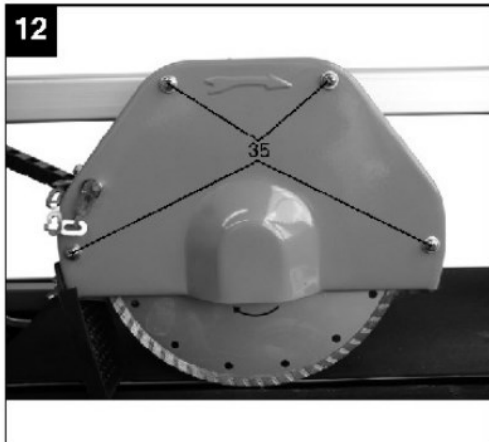


Exchanging the diamond cutting wheel (Fig. 12/13)

1. Disconnect the plug from the socket.
2. Remove the four screws (35) and the protective cover (8) to be able to release the cutting disc, turn the flange nut in the direction of the cutting wheel via the key (34).
Careful! Left-hand thread! Thus place the key (31) onto the motor shaft and apply a counter-pressure.
3. Remove the outer flange (36) and the cutting wheel (2).
4. Before assembling the new cutting wheel (2) clean the mounting flange (36) thoroughly.
5. Mount the new cutting wheel (2) by following the steps mentioned above in the reverse order and then retightening the screws.

Careful! Pay attention to the direction of the cutting wheel.

6. Mount the protective cover (8) above the disc.



Maintenance

- Before carrying out cleaning and maintenance work, the motor needs to be switched off and the plug to be pulled out of the socket.
- In regular periods, any dust and pollutants need to be removed from the machine with a cloth or soft brush.
- All moving parts need to be lubricated frequently.
- Do not use aggressive cleaning detergents to clean parts made of plastic.
- The basin (3) and the cooling water pump (13) need to be cleaned from any pollutants and dirt in regular intervals. Otherwise, the cutting wheel (2) cannot be cooled as desired.
- **Attention!** Certain cleaning detergents or solutions can damage machine parts made of plastic. These include e.g., petrol, cleaners including chlorine, and household cleaners. Always avoid the use of such chemical cleaners.

Trouble shooting

Problem	Possible cause	Solution
Motor does not run.	Malfunctioning power switch	All damaged parts need to be exchanged before using it.
	Malfunctioning or damaged power cable	Contact a qualified technician.
	Malfunctioning or damaged switch relay, blown out motor	All maintenance work needs to be carried out by a qualified technician.
	Blown fuse	Exchange the blown fuse. Turn all other devices connected to the same electric circuit off.
The machine is slowing down during the cutting process.	You are applying too much pressure to the work piece.	Apply less pressure to the work piece and thus to the surface being processed.
	Dirty cutting mechanism	Clean the cutting mechanism.
	Worn cutting disc	Exchange the cutting disc.
The cutting line is inaccurate.	Rip fence adjusted inexactly	Adjust the rip fence correctly.
	Work table dirty	Clean the machine.
Motor is overheating.	Motor overloaded	Reduce the engine load. Allow the engine to cool down before continuing to work.

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WiTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiTec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities, or the store where you purchased the article.

Address:
WiTec Wildanger Technik GmbH
Königsbenden 12 / 28
D-52249 Eschweiler

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