

Operation Manual

Long-necked Drywall Sander

62531



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.

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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.

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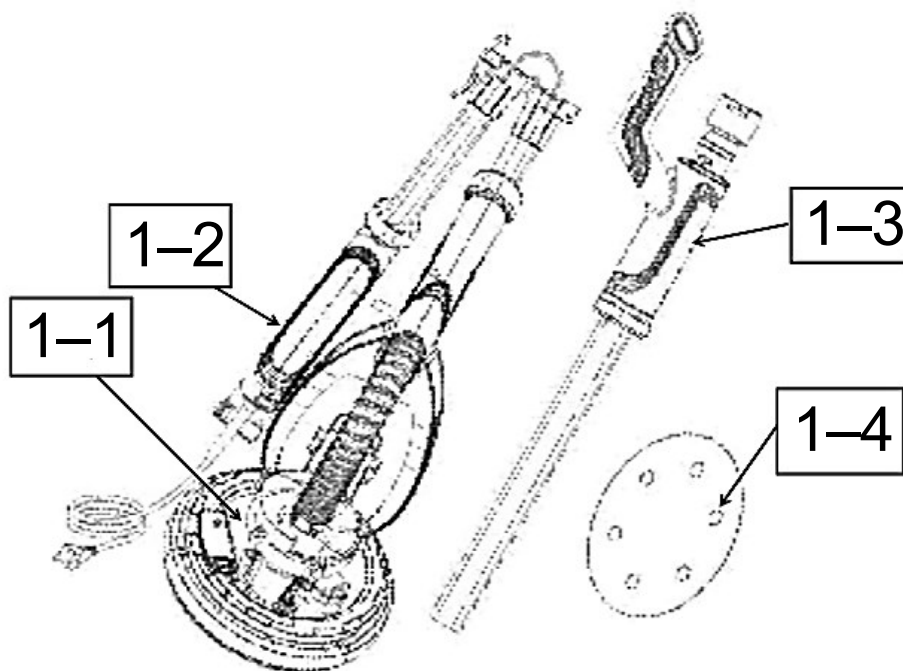
Introduction

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.

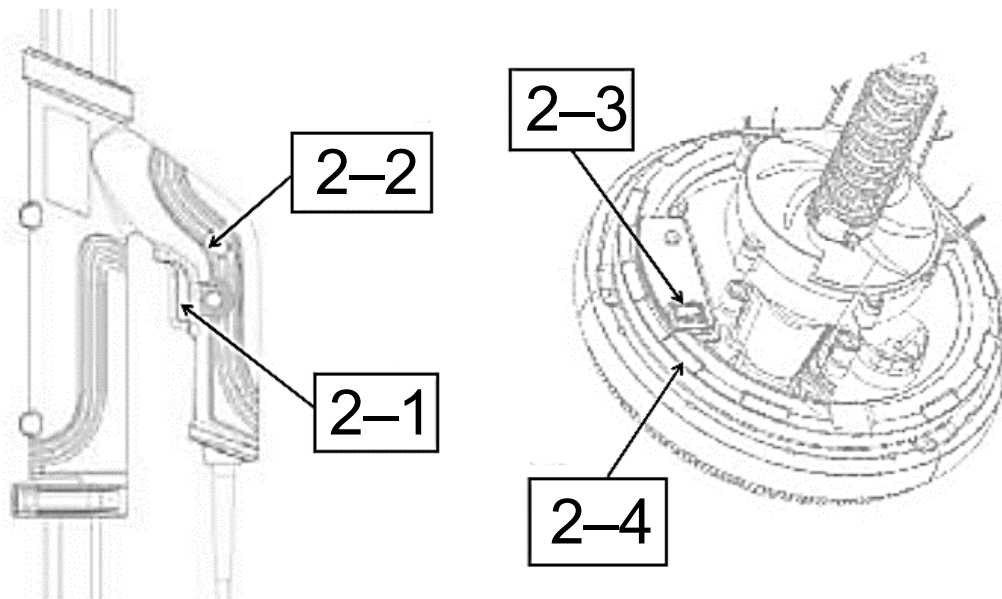
Before beginning

- Carefully read these instructions.
- Keep these instructions in a safe place to refer to them at any time.
- Check and count all parts and components.
- Read each step carefully and follow them in the order presented.
- We recommend that, whenever possible, all items are assembled near the area where they will be used to avoid unnecessary movement of the product after assembly.
- Always place the device on a flat, level, and stable surface.
- Keep all small parts and packaging materials away from babies and children. **Risk of suffocation!**

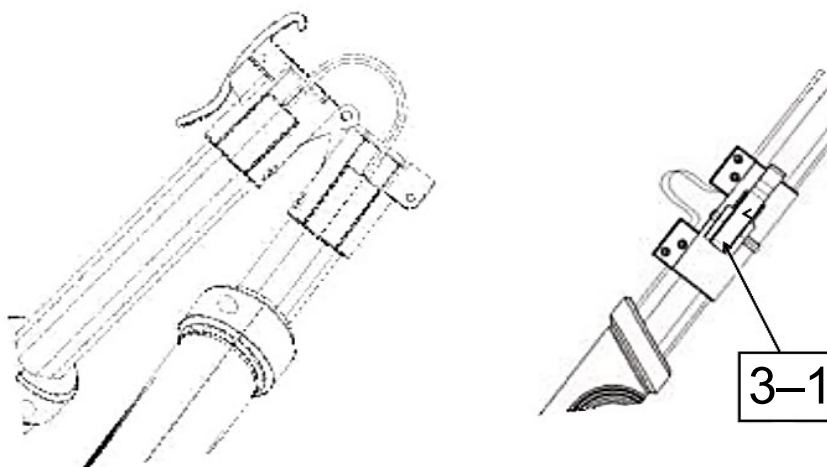
Parts overview



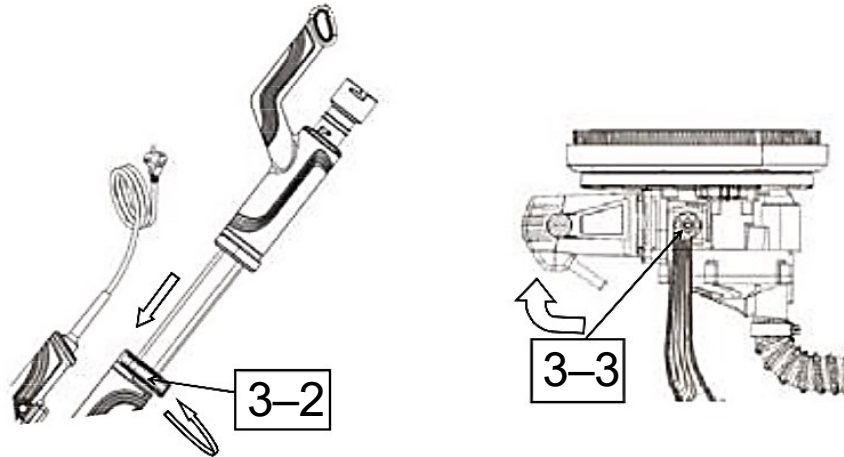
Nº	Name	Nº	Name
1-1	Grinding disc	1-3	Extension tube
1-2	Grip	1-4	Grinding medium



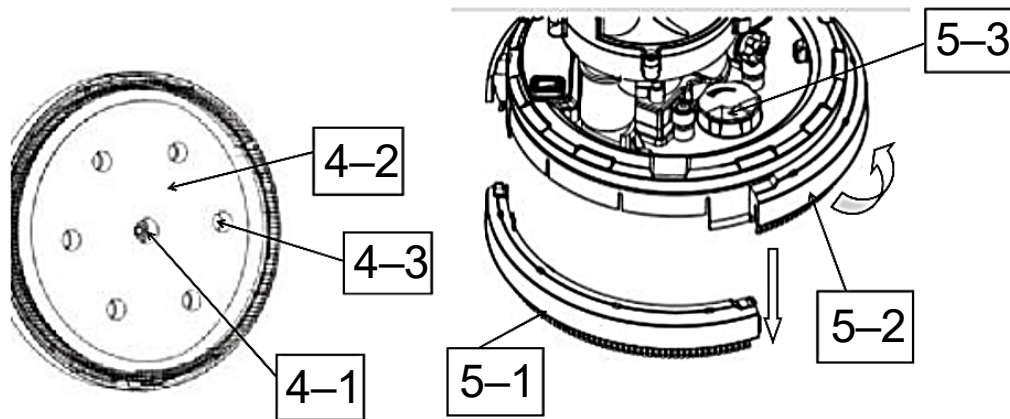
Nº	Name	Nº	Name
2-1	Switch	2-3	LED switch
2-2	Speed regulator	2-4	LED



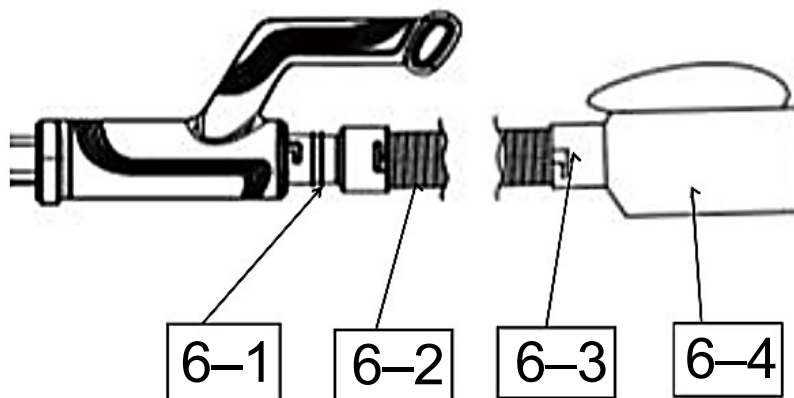
Nº	Name
3-1	Locking button



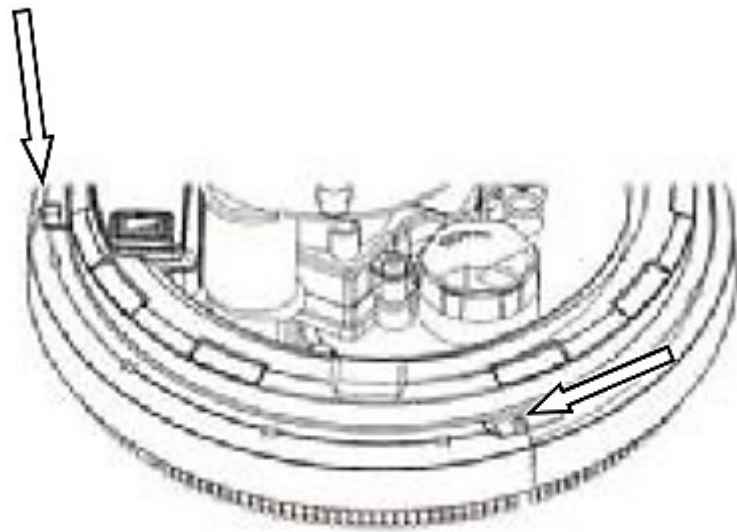
Nº	Name	Nº	Name
3-2	Locking button	3-3	Handwheel



Nº	Name	Nº	Name
4-2	Grinding disc	5-1	Brush segment
4-3	Vent	5-2	Turning circle
4-4	Screw	5-3	Exhaust regulator



Nº	Name	Nº	Name
6-1	Connection piece	6-3	Dust catching bag
6-2	Exhaust tube		



Technical data

Power supply		230 V, 50 Hz
Nominal power (W)		750
Idle speed ($\frac{1}{\text{min}}$)		800–1750
Diameter grinding discs (mm)	Sandpaper	225
	Pads	210
Grinding disc grit		80 / 100 / 120 / 150 / 180 / 240

Intended use

The grinding machine is suitable for sanding primed drywall constructions, ceilings, and walls indoors and outdoors as well as removing carpet residues, layers of paint, coverings, adhesives, and loose plaster. The user is responsible for damage and accidents caused by improper use.

Safety instructions

General safety instructions for electrical devices

- Read all safety instructions and instructions in this manual. Failure to follow the instructions and the instructions contained therein could result in electric shock, fire, and/or serious injury.
- Keep this manual in a safe place so that you can refer to it at any time.
- The term “electrical device” in the warnings refers to a device with cable or without cable (battery-operated).

Safety in the work area

- Keep your work area clean and well lit. Untidy or dark work areas increase the risk of injury.
- Never operate electrical devices in an explosive or flammable atmosphere, e.g., near flammable liquids, gases, or dust. Electrical devices can generate sparks that can ignite flammable substances and gases.
- Keep children and bystanders away from your work area while you are using the device. Distractions can cause you to lose control of the device.



Electrical safety

- Power plugs must match the outlet. Never modify the power plug. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching sockets reduce the risk of electric shock.
- Avoid body contact with earthed surfaces, e.g., pipes, refrigerators, and heaters. Contact with earthed surfaces increases the risk of electric shock.
- Do not expose the device to rain or a damp environment. If water gets into an electrical device, it increases the risk of electric shock.
- Always handle the power cord with care. Never use it to carry, pull, or unplug the device.
- Keep the power cord away from heat, oil, sharp edges, and moving parts. Damaged or tangled power cords increase the risk of electric shock.
- If you want to use an electrical device outside, make sure that your extension cord is suitable for outside areas to minimise the risk of electric shock.
- If use in a damp environment cannot be prevented, use a protected power supply with an FI circuit breaker. Using a residual current circuit breaker reduces the risk of electric shock.

Personal safety

- Pay full attention to what you are doing while operating an electrical device. Never use an electrical device when being tired or under the influence of alcohol, drugs, or medicine. A moment of inattention during operation can result in serious injury.
- Wear protective equipment such as protective goggles, dust mask, non-slip shoes, hardhat, and hearing protection to minimise the risk of injury.
- Avoid unintentional starting. Make sure that the switch is set to off before connecting the device to the mains or another power source. Carrying power tools with your finger on the switch or carrying power tools with the switch on will result in accidents.
- Remove all adjustment wrenches or other wrenches before switching on the power tool. A wrench hanging on a rotating part of the power tool can cause injury.
- Do not lean too far. Make sure you have a secure stance and keep your balance. This gives you better control over the electrical device in the event of unexpected situations.
- Wear appropriate clothing. Do not wear loose or loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts as they can get caught in them.
- If devices for connecting dust extraction and extraction systems are provided, ensure that they are connected and used correctly. The use of dust separation can reduce dust-related hazards.

Use and care of electrical devices

- Do not use the electrical device with force. Use the correct power tool for your application. The right power tool will do the job better and safer at the speed for which it was designed.
- Do not use the electrical device if it cannot be switched on and off using the switch. Any power tool that cannot be switched using the switch is dangerous and must be repaired by a specialist.
- Disconnect the plug from the power source and/or the battery of the power tool before adjusting it, changing accessories, or storing it. Such preventive safety measures reduce the risk of the power tool being started accidentally.
- When not in use, store the device out of the reach of children. Do not allow the device to be operated by persons unfamiliar with its use or these instructions. The device can be dangerous in the hands of inexperienced users.
- Maintain the device regularly. Check for incorrect assembly or blockage of moving parts, for defects, damage, and for any other circumstance that could limit the operation of the device. If the device is damaged, have it repaired before further use. Many accidents are due to poor maintenance.
- Keep cutting tools sharp and clean. Correctly maintained cutting tools with sharp cutting edges are less prone to sticking and are also easier to move.
- Use the power tool, accessories, tools etc. in accordance with these instructions, considering the working conditions and the work to be performed. Using the power tool for work other than that for which it was intended can lead to dangerous situations.



Machine-related instructions

- This machine is designed for grinding. Read all safety notices, instructions, illustrations, and descriptions supplied with the machine. Failure to follow the instructions below could result in electric shock, fire, and/or serious injury.
- Do not use this machine for jobs such as scrubbing, brushing, polishing, or disc grinding. Performing tasks for which the machine was not designed can lead to danger and injuries.
- Never use accessories not specifically designed and intended for this machine. Safe operation is not automatically guaranteed just because an accessory can be attached to your machine.
- The permissible speed of the accessories must be at least as high as the maximum speed specified on the machine. Accessories that rotate faster than the permitted speed can break.
- The outside diameter and thickness of the accessories must be within the specified size range of the machine. Accessories with incorrect dimensions cannot be adequately protected or controlled.
- The bore diameter of washers, flanges, retaining plates, and all other accessories must fit exactly on the machine spindle. Accessories with an unsuitable diameter run out-of-round, vibrate heavily, and lead to loss of control.
- Do not use damaged accessories. Before each use, check the accessories, e.g., abrasive pads, nicks or kinks and backing plates for cracks and excessive wear. Every time the machine has been dropped, check if the machine and the accessories are damaged and, if necessary, mount undamaged accessories. After checking and installing the accessories, ensure that everyone is out of the rotating range of the tool and allow the machine to run at maximum speed for one minute. Damaged accessories usually break through completely during this test run.
- Wear personal protective equipment. Use shielding or safety glasses depending on the application. If possible, wear a respirator, ear protection, protective gloves, and a work apron suitable for protecting you against bumps or small grinding or workpiece parts. The respirator or device must be able to filter particles caused by various work processes. Constant exposure to noise can lead to hearing loss.
- Make sure that people near the machine are at a safe distance from the work area. All persons in the work area must wear personal protective equipment. Parts of the workpiece or broken accessories can fly off and cause injuries even outside the immediate work area.
- Always hold the machine by the insulated handles when you want to carry out work that involves the risk of the machine intruding into hidden power cables or the cable of the device. Contact with live cables transmits an electric current to metallic machine parts and causes electric shocks.
- Keep the power cord away from rotating parts. If you lose control, the power cord could be cut or caught, which could pull your hand or arm into rotating parts.
- Never stop the machine until the tool has come to a complete standstill. Lathe tools can get caught on the work surface, causing you to lose control of the machine.
- Make sure that the machine never operates while you are carrying it by your side. The rotating tool can accidentally catch your clothing and cause serious cuts.
- Clean the ventilation slots on your machine regularly. The cooling air fan draws the dust into the machine and excessive build-up of metal dust can create electrical hazards.
- Never operate the machine in the vicinity of explosive materials. Sparks could set them on fire.
- Never use tools that require liquid cooling. Water and other liquid coolants can cause potentially fatal electric shock.

Kickback causes and how to avoid kickback

- Kickback is a sudden reaction to the pinching or catching of a spinning disc, platen, brush, or other accessory.
- The pinching or entanglement causes the rotating accessory to come to a rapid standstill, with a counter-reaction accelerating an out-of-control machine around the pinching point, which in turn drives out the disc. Depending on the direction of rotation, the disc can either fly towards the user or away from the user. It can also break the sanding pad. Kickback is the result of incorrect use of the machine and/or incorrect work or operation and can be avoided by carefully observing the following precautionary measures.



- Always hold the machine firmly and position your body and arms so that you can control all kickback forces. Always use the auxiliary handle, if included in the scope of delivery, to ensure optimal control of kickbacks or reaction moments during commissioning. The user can control reaction moments or kickbacks if appropriate precautionary measures are taken.
- Keep your hands away from moving parts. The device could jump back and hit your hand.
- Never position your body in the area where the machine will move in the event of a kickback. A kickback accelerates the machine in the direction of rotation opposite the disc at the clamping point.
- Be particularly careful when working in corners, on sharp edges, etc. Avoid kickbacks and prevent the tool from getting stuck. Corners and sharp edges can cause the rotating tool to get caught, resulting in loss of control or kickback.


Special safety instructions for fine sanding

Do not use grinding discs that are too large for fine sanding. The manufacturer's instructions must be observed when selecting the grinding discs. A grinding disc that is too large and protrudes beyond the sanding pad poses a risk of cuts and can lead to entanglement, cracks and kickbacks.

Additional warnings

- Hold the machine firmly with both hands and maintain a stable posture when working. Hold the machine with both hands to ensure safe guidance.
- If explosive or self-igniting dust is produced during sanding, the processing instructions of the material manufacturer must be observed.
- During work, harmful/toxic dusts can arise (e.g., from leaded paints, some types of wood and metal). Contact with these dusts, especially inhalation, can pose a risk to the operator or to people in the vicinity. Observe the safety regulations applicable in your country. Connect the power tool to a suitable extraction system. Wear a protective mask to protect your health.
- Never use devices if their power cord is damaged. Do not touch damaged cables and disconnect the power plug from the mains if the cable is damaged during work. Damaged cables increase the risk of electric shock.

Commissioning

 **Warning! Danger of accidents when operating the machine with impermissible voltages or frequencies!** The mains voltage and the frequency of the power source must correspond to the specification on the nameplate of the machine.

Assembling the grinding device

1. Hold the grinding head (1-1) with the grinding plate facing down.
2. When the handle is the desired length, lock the lock button (3-1).
3. Extend the tube (1-3), insert the handle (1-2), then lock it (3-2).
4. Connect the suction pipe (6-2) to the dust outlet nozzle (6-1) and the other side to the dust bag (6-3). If you wish, you can also use the grinder to sand walls where space is limited. You can e.g., reduce the length of the machine by adjusting the extension tubes (1-3).

Electronics

The machine has the following properties:

- Smooth start-up
The electronically controlled soft start ensures that the machine starts smoothly.
- Controlled speed
The speed can be regulated with the adjusting wheel (2-2). In this way you can adjust the speed to the respective material.
- Permanent speed
The preselected engine speed remains constant thanks to the electronic control. This ensures a constant speed even under load.



Changing the sanding pad

1. Insert a key (size 5) into the screw **(4-1)** of the sanding pad.
2. Hold the sanding pad firmly and turn the key to loosen it. To ensure an optimal axial run-out, you must first clean the contact surface for the grinding wheel on the drive shaft.
3. Attach the new sanding pad.
4. Tighten the screws **(4-1)** again.

Only attach the intended sanding pads to the machine. To ensure optimum suction performances, the sealing surface between the machine and the sanding pad is ground in in the first few minutes after changing the disc. During this time, the speed of the machine is slightly lower and forms particles from the grinding process. However, they do not damage the machine.

Attaching abrasives

Grinding discs can be quickly and easily attached to the sanding pad. Simply press the self-adhesive grinding discs **(4-2)** onto the sanding pad. The adhesive coating holds the grinding wheel securely in place. Make sure that the holes in the grinding wheels line up with the suction holes **(4-3)**. Tear off the grinding disc when worn.

Edge grinding

The removable brush segment allows you to reduce the distance between the wall/ceiling and the side of the sanding pad.

1. Press the two hooks of the brush segment **(5-1)** and push them down.
2. Remove the brush segment **(5-1)**.
3. 360° turning circle **(5-2)**, polishes in all directions
4. Suction power adjustable with the suction regulator **(5-3)**.

Dust extraction

Inhaling dust can damage the airways.

- Always connect the device to a vacuum cleaner.
- When performing work that generates dust, always wear a dust mask.

LED lighting

If you are working in a place where there is insufficient lighting, you can turn on the LED lights.

1. Press the LED button **(2-3)**.
2. LED **(2-4)** suitable for grinding work.

Grinding work

Turn motor head 90°, lock handwheel **(3-3)** to fix it, light polishing of the top.

Operation



Warning! Risk of injury!

- Do not hold the machine by its head.
- Hold the machine firmly with both hands.
- Connect the machine to the power supply. Hold the grinding head a little away from the work surface before switching it on.
- Switch on the machine. The on/off switch has a zero-voltage drive that prevents the machine from starting automatically after an interruption in the power supply (e.g., after a power failure). After a power failure, press the on/off switch **(2-1)** to switch on the machine.



- Perform the necessary grinding work. Do not overload the machine by using too much force. The best results are achieved with medium pressure.
- The grinding performance and quality essentially depends on the choice of the right abrasive and on the fact that the holes in the grinding disc match the suction holes **(4-3)**. Tear off the grinding disc when worn.

Repair and maintenance

Warning! Risk of accident and electric shock!

- Always pull the plug out of the socket before doing any work on the machine.
- All maintenance and repair work that require the opening of the motor housing may only be carried out by an authorised specialist.
- Regularly check the power adapter and plug. If one of them is damaged, it must be replaced by a specialist.
- To ensure constant air circulation, always keep the ventilation slots in the motor housing clean and free from blockages.

Accessories and tools

Only use original accessories and original consumables for this machine, as these components have been specially developed for this machine. The use of accessories and consumables from other manufacturers will most likely affect the quality of your work results. Depending on the application, machine wear and tear or your own personal workload can increase. Protect yourself and your machine by always using original accessories and original consumables.

Disposal regulations

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

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 devices (intended for use in the countries of the European Union and other European countries with a separate collection system for these devices).

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.

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