

Operation Manual

Drywall Sander

61054



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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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.

Safety instructions



Warning!



- Read all safety information and instructions to reduce the risk of injury.
- Make sure to wear safety glasses when working with electrical tools.
- Make sure to wear a protective dust mask! While working with wood or other materials, harmful dust particles can be formed. Material containing asbestos is not allowed to be sanded or worked on!
- Make sure to wear ear protectors against loud noises! The effect of loud noise can cause hearing damage.

General safety instructions



Warning: Failure to comply with the safety guidelines or instructions can result in electrical shock, fire, and/or serious injury. The term “power tool” used in the safety guidelines is referring to a mains operated power tool (corded) and a battery-operated power tool (not corded). Keep these safety instructions in a safe place!

Safety rules for drywall sander

- Use an approved respirator for dust and mist. Ventilate work area and/or use a dust collector. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.
- Maintain firm footing and balance. Use appropriate scaffolding. Do not overreach.
- Sanding of lead-based paint is not recommended. Lead-based paint should only be removed by a professional.
- Sanding drywall could lead to a build-up of static electricity inside the tool. For your safety, the drywall sander is grounded.
- The sander is connected with a dust bag and could absorb dust by its self-absorption system, without connection with a vacuum cleaner.

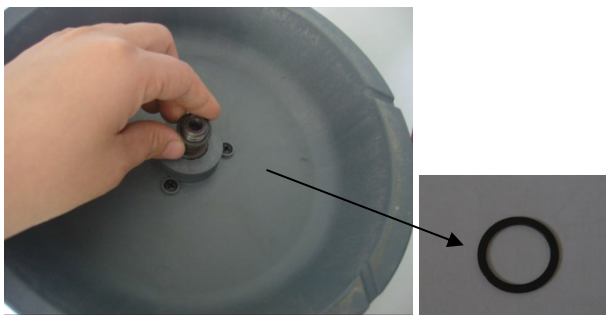
Technical specifications

Voltage supply (V)		230
Frequency (Hz)		50
Disc diameter (mm)		225
Power (W)		1010
Max. speed (1/min)	round grinding discs	3000
	triangular grinding discs	5600
Net weight (kg)		2.4

Main components



Nº	Name	Nº	Name
1	On/off switch	4	Motor
2	Hose	5	Speed adjuster
3	Dust bag		



The back-up ring will help adjust the sanding depth.



Operating instructions

Preliminary notes

The drywall sander is designed for sanding walls and ceilings made of drywall or plaster. The sander provides a superior finish, and is faster than conventional finishing methods for both new construction and renovation work. Please clean-up both sander and dust bag regularly.

Work area

- Keep your work area tidy and well-lit. Untidy work areas or bad lighting invite to injury.
- Only work with power tools in non-explosion hazard areas (without presence of flammable liquid, gas, or dust). Power tools create sparks that can ignite dust or vapours.
- Keep children and other persons away during the use of the power tool. The slightest distraction can lead to a loss of control of the machine.
- The plug of the power tool must fit properly into the socket. The plug must not be modified in any way. Do not use an adapter plug together with earthed power tools. Non-modified plugs and a proper socket connection reduce the risk of an electrical shock.
- Avoid bodily contact with earthed surfaces, such as pipes, heaters, ovens, and refrigerators. There is a higher risk of electrical shock when the body is earthed.
- Keep the machine away from rain or wet. Intrusion of water into the power tool increases the risk of an electrical shock.
- Do not use the cable to carry or hang the power tool, or to pull the plug out of the socket. Keep the cable away from heat, oil, sharp edges, or objects with moving parts. Damaged or entangled cables increase the risk of an electrical shock.
- When working with a power tool outdoors, only use extension cords designed for outdoors. The use of an extension cord designed for outdoor use reduces the risk of electrical shock.
- If the use of the power tool in a damp area is unavoidable, use a residual current device to reduce the risk of an electrical shock.

Personal safety

- Fully concentrate on what you are doing and use caution while working with a power tool. Do not use a power tool if being tired or under the influence of alcohol, drugs, or medicine. The slightest distraction or inattention can result in serious injury.
- Wear personal protective equipment and always protective goggles. Wearing personal protective equipment, such as a dust mask, slip-resistant footwear, protective helmet, or ear protection (depending on the form or use of the power tool) reduces the risk of injury.
- Avoid an unintentional starting up. Make sure that the power tool is turned off before it is plugged into a power source and/or before a battery is attached or before it is carried or picked up. With your finger being on the “on” switch while you carry the power tool or with the machine being plugged in while the switch is in the “on” position, serious injury or accidents can result.
- Remove the adjustment tool or wrench before turning on the power tool. A tool or wrench at a rotating component of a device can cause serious injury.
- Do not bend too far over. Make sure to have a secure stance and to be able to maintain balance. As a result, it will be easier to control the power tool in unexpected situations.
- Wear proper clothing. Do not wear wide clothing or jewellery. Keep hair, clothing, and gloves away from moving parts. Loose clothing, jewellery, or long hair could get caught by the moving parts.
- If a dust extractor or receptor can be attached, make sure that such a device is attached and used properly. Use of a dust extractor can reduce the dangers of dust particles.

Careful handling while using power tools

- Do not overload the machine. Use the correct tool for the job. Work better and safer with the correct power tool and within the power capacity range.



- Do not use a power tool whose power switch is defective. A power tool that can no longer be turned on or off is dangerous and must be repaired.
- Pull the plug out of the outlet and/or remove the battery before making adjustments to the machine settings, changing parts, or storing the machine. These extra measures will help prevent any unexpected starting of the power tool.
- Keep unneeded power tools out of the reach of children. Do not allow the power tool to be used by a stranger or by persons who have not read this instruction manual. Power tools are dangerous when they are used by inexperienced persons.
- Take care of your power tool. Check to make sure that moving parts are functioning properly and not locking or jamming, if parts are broken or damaged in such a way that the mode of operation of the power tool is affected. Have damaged parts repaired before using the machine. Many accidents are caused by poorly maintained power tools.
- Keep cutting edges sharp and clean. Properly maintained cutting tools with sharp cutting edges are less prone to jamming or locking and are easier to handle.
- Use the power tool, its accessory parts, and replacement parts in accordance with these instructions. Consider the working conditions and the task at hand. Using a power tool for a purpose other than its intended use can lead to dangerous situations.

Service

Only have the power tool repaired by qualified persons and only with the original replacement parts to ensure that the safety of the machine is maintained.

Warnings!

- While working with this tool, the dust generated can be dangerous to your health. While working with a sander, always wear eye protection and a dust mask. Do not work with material containing asbestos, which is known to cause cancer.
- Special caution must be taken while sanding material containing lead:
 - All persons working with the machine or entering the workspace must wear a special mask for protection from lead colours and steam.
 - Children and pregnant women are not allowed to enter the workspace.
 - At the workspace, it is not allowed to eat, drink, or smoke.
 - Contact with or inhaling of the sanded dust (e.g., lead-based coating material) can cause damage to health of users. Always wear properly sized personal protection equipment such as a dust mask and use a dust bag while sanding.
- The power cable must be kept away from the moving parts of the machine.

Abrasive disc selection

The drywall sander is shipped with 6 pieces of sanding paper (80/100/120/150/180/240 grit). This abrasive is suitable for most applications. Abrasive discs of 120 grit and 240 grit are available for situations requiring a smoother finish.

Installation

Before repair or replacement of electric tool parts or accessories, be sure to pull out the plug from the socket.

Sandpaper selection

According to the material and the grinding effect, select the appropriate sandpaper:

Material	Use	Grit
Pigment	Removal of pigments	40
Paint	Removal of remaining paint	60
Filling agent	Grinding bottom pigment (such as finishing bottom)	80
Interstitial material	Brush paint, grinding residues	100
	Drop-shaped or convex pigment residues	120
	Flat bottom material for painting	180

Replacing sanding paper

Before installing the new sanding paper, you first need to clear dirt sticking to the grinding wheel by use of a brush. The grinding surface adhesive disc has a layer of cloth so it can quickly and easily be installed. The surface grinding sandpaper is pressed into the adhesive disc.



Do **not** use the sander without a proper abrasive pad installed to prevent severe damage to the work.

Replacing the rigid disc

The output shaft is inserted into the adhesive disc centre with a six-angle wrench in a clockwise rotation. The hands holding the adhesive grinding disc, the grinding disc can be removed from the adhesive.



Connecting the dust collecting bag

To protect the operator and to reduce dust suction and site cleaning processes at work, please connect the machine with the dust bag. As shown in the figure one side must be connected with the suction pipe, the other end must be connected with the dust collecting bag.

! **CAUTION:** Failure to use a dust bag rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.

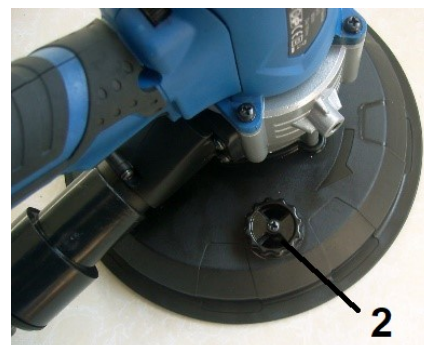


Adjusting the speed

The grinding disk rotation speed can be adjusted according to different conditions and grinding quality requirements. The drywall sander is equipped with a variable speed control. The speed is adjusted by turning the control knob. The control knob is numbered "1" to "6" with "1" being the slowest speed (approx. 1500 $\frac{1}{min}$) and "6" being the fastest speed (approx. 3050 $\frac{1}{min}$). Use the higher speed settings for fast stock removal; use the lower speed to reduce removal rate for more precise control.



(1) = speed adjuster



(2) = ventilation button


Adjusting the ventilation

Adjust the ventilation button according to different working condition.

Starting and stopping the drywall sander

Make sure that the power circuit voltage is the same as shown on the specification plate on the sander, and that the sander switch is OFF. Connect Sander to the power circuit. The drywall sander is equipped with a rocker switch. The top end of the switch button is labelled OFF, and the bottom end of the button is labelled ON. To start the sander, push the bottom end of the switch button (ON), to stop the sander, push the top end of the switch button (OFF).

Sanding drywall

- The drywall sander has a unique articulating sanding head: the abrasive pad, to conform to the work surface.
 - This enables the operator to sand the top, middle and bottom of a wall or ceiling joint.
 - When sanding a tall wall or ceiling, please use a ladder for help.
 - The sanding pad can adjust the height by itself when it meets an uneven wall.
 -  **CAUTION:** Wear a respirator approved for dust and mist.
1. Turn the drywall sander switch ON.
 2. Position the drywall sander lightly against the work surface (apply just enough pressure to align the sanding head with the work surface).
 3. Apply additional pressure to engage the abrasive pad to the work surface: while moving the Sander in an overlapping pattern to smooth the drywall compound down to a “feather-edge.”
 4. Keep the sander in constant motion while the abrasive pad is in contact with the work surface. Use a steady sweeping motion. Stopping the sander (on the work), or moving it erratically can cause unesthetic swirl marks and unevenness in the work surface.
- **NOTE:** Do not allow rotating abrasive pad to contact sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc.), can severely damage the abrasive pad.



Maintenance

- Keep tools clean. Always clean up debris and dust. Often add lubricating oil and grease (reducer, bearing) to keep the tool flexible in operation.
- Always check the power cable, plug, and switches so that the tools remain in good condition. Power tools produced by the company underlie a strict quality inspection. If the machine still fails, please never repair the machine by yourself without authorization of the customer service department.

Carbon brush replacement

When the carbon brush reaches its wear limit, you need to replace it. Unscrew the carbon brush cover screw with a flat-tip screwdriver and remove cover. Replace the original carbon brush with a new carbon brush in the brush holder. Replace the cover and screw on the brush cover again.



Note:

- The biggest advantage of the sander is: it has a vacuum system inside, thus no vacuum cleaner is needed. When we tested it, the sanding pad surface could be pasted onto the wall without needing to be hand-held.
- It has a special design on the shaft which is connected with the sanding pad. When the sander is sanding an uneven surface, the outside plastic pad is as a horizontal, the sanding pad could adjust the height to finish perfect sanding.
- Inner structure: two walls protect the engine against dust.
- The dust collection bag has small hole, which will help the wind to be released. If the bag is 50 % full of dust, please clean up the dust timely.
- When you finish the sanding, please let sanding pad still touch the working surface for seconds to let the dust suction be completed by the sander.

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 WiITec 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 WiITec 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.

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