

# Operation Manual

## Dust Extractor 61970



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.



The information contained in this document may alter at any time without previous notice. It is prohibited to copy or spread any parts of this document in any way without prior written allowance. All rights reserved.

The WilTec Wildanger Technik GmbH cannot be held accountable for any possible mistakes in this operating manual, nor in the diagrams and figures shown.

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](mailto: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:

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

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**

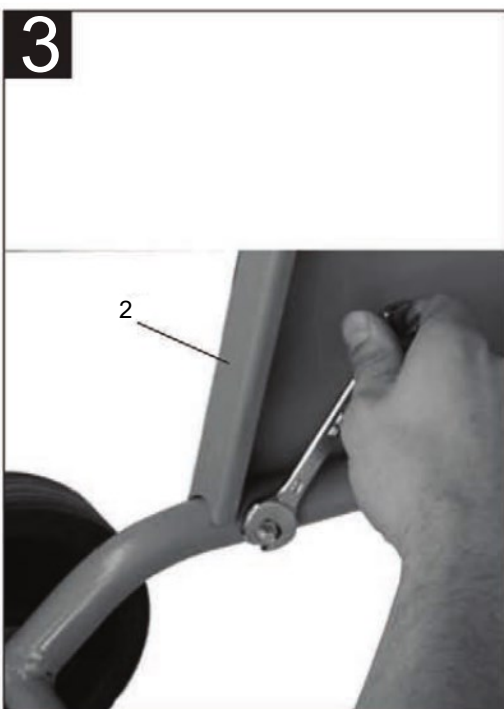
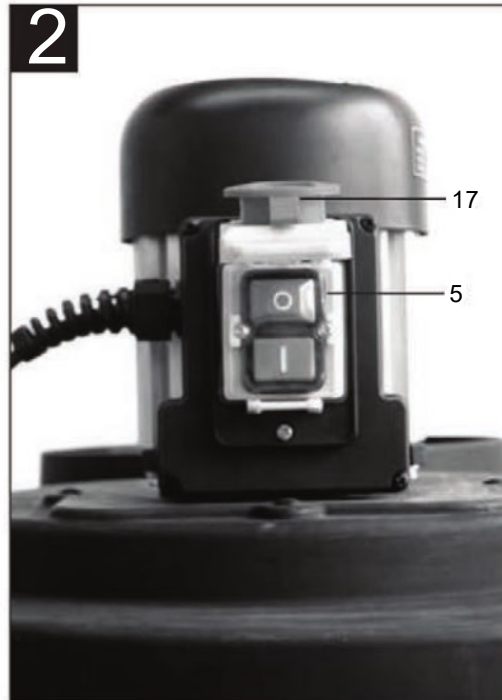
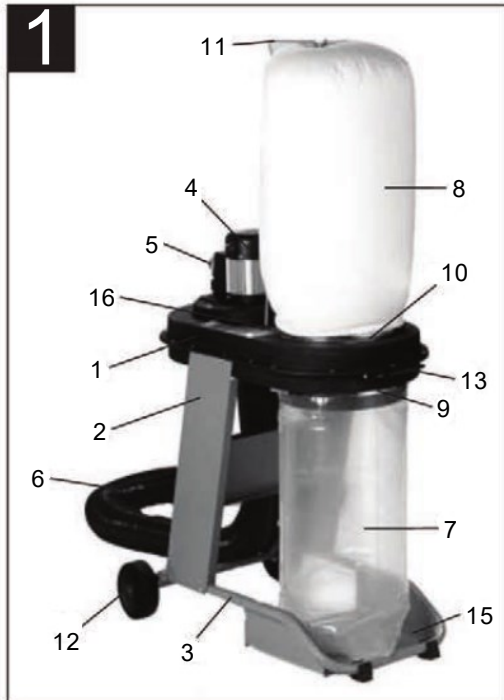
Tel: +49 2403 55592-0

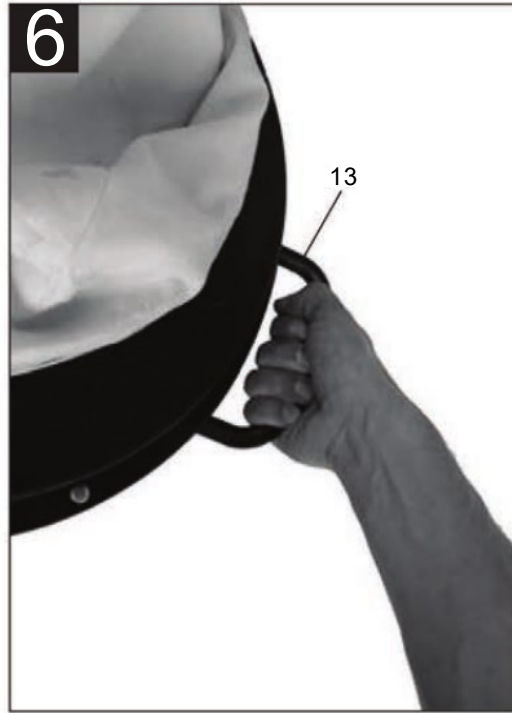
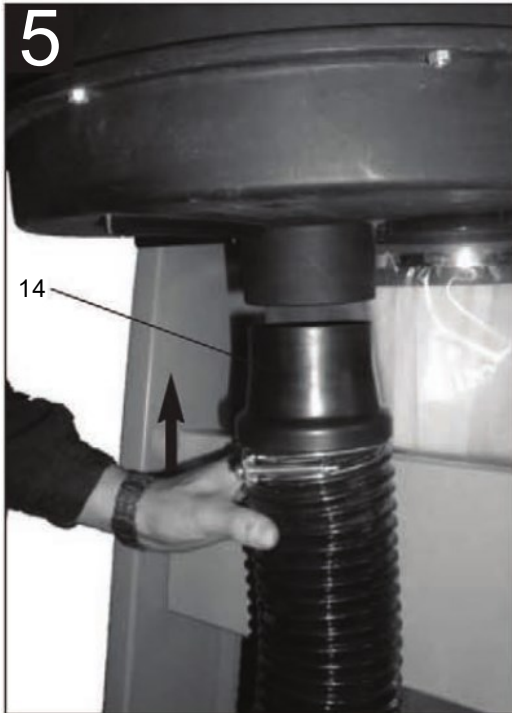
Fax: +49 2403 55592-15

## 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.

## Figures and illustrations





**Names of components**

Nº	Name	Nº	Name
1	Plastic housing	10	Quick clamp device for dust bag
2	Side panels	11	Holding device for dust bag
3	Chassis frame	12	Wheels
4	Motor	13	Transportation handle
5	On/off switch	14	Adapter piece
6	Extractor hose	15	Bottom plate
7	PVC sawdust bag	16	Arbor hole
8	Dust bag	17	Emergency stop button
9	Quick clamp device for PVC sawdust bag		

**Scope of delivery**

- Suction unit with chassis
- Suction hose with adapter
- Dust bag
- Collecting bag
- Quick clamping device for collecting bag
- Quick clamping device for dust bag



## Intended use

- The extraction unit is used for the extraction of chips and dust, which arise during the processing of wood or wood-like materials.
- **The machine may only be used for its intended purpose!**
- Any further use beyond this is not intended. The user/operator and not the manufacturer shall be liable for any resulting damage or injury of any kind resulting from improper use.
- Part of the intended use is also the observance of the safety instructions as well as the assembly instructions and operating instructions of the manual. Persons operating and maintaining the machine must be familiar with it and informed about possible dangers.
- In addition, the applicable accident prevention regulations must be strictly observed. Other general rules in occupational health and safety areas must be observed.
- Modifications to the machine exclude any liability of the manufacturer for any resulting damage. Despite proper use, certain residual risk factors cannot be eliminated. The following risks may occur due to the design and construction of the machine:
  - **Danger due to defects in the machine.** If one or more parts of the machine are defective, it is forbidden to use them. Defective parts must be replaced immediately. Only spare parts approved by the manufacturer may be used. Modifications to the machine are prohibited.
  - **Danger of electric shock.** Operate the machine only at a power source which is protected by a residual current switch with a residual current of 30 mA! Sockets must be properly installed, earthed, and tested.
  - **Danger due to unintentional start of the machine.** When emptying the chip collection bag and when not using the machine, the mains plug must be disconnected.
  - **Danger from wood dust.** Inhalation of wood dust is hazardous to health! Always wear a dust mask when emptying the collection bag. When disposing of the chip waste, ensure that it is disposed of in an environmentally friendly manner!
  - **Fire hazard!** Never vacuum hot objects with the machine!
  - **Hearing damage** if the necessary hearing protection is not used.
  - **Harmful emissions of wood dust** when used indoors.

## Important notes and safety instructions

Please read the instructions for use carefully and follow their instructions. Use these instructions to familiarize yourself with the device, its correct use, and the safety instructions.

- **Warning:** When power tools are used, basic safety precautions must be followed to eliminate the risks of fire, electric shock, and personal injury.
- Observe all these instructions before and while working with the machine.
- Keep these safety instructions in a safe place.
- Protect yourself from electric shock. Avoid body contact with earthed parts.
- Unused equipment should be kept in a dry, locked place, and out of the reach of children.
- Keep the tools sharp and clean to work better and safer.
- Check the cable of the tool regularly and have it repaired by the manufacturer or an authorized service partner if damaged. Do not reuse the unit before doing so. Check extension cords regularly and replace them if they are damaged. Only use extension cords that approved for this purpose and marked accordingly outdoors.
- Always pay attention to what you do. Get to work vigilantly. Do not use the tool when you are tired.
- Do not use tools where the switch cannot be turned on or off.
- **Warning!** Use of other tools and accessories may result in injury.
- Disconnect the mains plug during any adjustment or maintenance work.
- Pass on the safety instructions to all persons working with this machine.
- The machine is equipped with a safety switch to prevent it from being switched on again after a voltage drop.
- Before commissioning, check whether the voltage given on the nameplate of the device matches the mains voltage.
- If an extension cable is required, make sure that its cross-section is sufficient for the power consumption of the saw. The minimum cross section must be 1.5 mm<sup>2</sup>.



- Cables rolled on drums may only be used when unrolled.
- Check the power cord. Do not use faulty or damaged connecting cables.
- Do not use the cable to disconnect the plug from the outlet. Protect the cable from heat, oil, and sharp edges.
- Do not expose the machine to rain and do not use the machine in a damp or wet environment.
- Always ensure good lighting.
- Do not saw near flammable liquids or gases.
- When working outdoors, non-slip footwear is recommended.
- Wear a hair net for long hair.
- Avoid unnatural posture.
- The operator must be at least 18 years old. Trainees must be at least 16 years old. However, they may only use the machine under supervision.
- Children must be kept away from the device connected to the mains.
- Keep the workplace free of wood waste or parts lying around.
- Disorder in the work area can result in accidents.
- Do not allow others, especially children, to touch the tool or the power cord. Always keep them away from the work area.
- Persons working on the machine must not be distracted.
- Conversions as well as adjustment, measuring and cleaning work may only be carried out with the engine switched off. **Pull out the mains plug first!**
- Before switching on, check that wrenches or adjustment tools have been removed.
- When leaving the workplace, the motor must be switched off and the mains plug disconnected.
- All protective and safety devices must be reinstalled immediately after repair or maintenance has been completed.
- The manufacturer's safety, working and maintenance instructions must be observed. The dimensions specified in the technical data must be observed.
- The relevant accident prevention regulations and other generally recognised safety rules must always be observed.
- Please note the notebooks of the employers' liability insurance association.
- The machine must be connected to a 230 V socket with earthing contact and a minimum fuse rating of 10 A.
- Do not overload the machine. Do not use machines that are too inefficient for heavy work.
- Do not use the cable for purposes for which it is not intended.
- Always ensure a secure footing and always keep your balance.
- Check that the moving parts function correctly and are not jammed or that parts are damaged. All parts must be properly assembled and meet all conditions to ensure proper and smooth operation of the tool.
- Damaged protective devices and parts must be repaired or replaced properly by an authorized specialist workshop, unless otherwise specified in the instructions for use.
- Have damaged switches replaced immediately by a service centre.
- This tool complies with the relevant safety regulations. Repairs may only be carried out by the manufacturer or an authorised service partner using original spare parts. Otherwise, the risk of accident for the user increases.
- If necessary, wear suitable personal protective equipment. This could include:
  - hearing protection to avoid the risk of becoming partially deaf,
  - respiratory protection to avoid the risk of inhaling hazardous dust.
- The operator must be informed of the conditions affecting the noise.
- Faults in the machine must be reported to the person responsible for safety as soon as they are discovered.
- When transporting the machine, only the transport devices may be used and never the safety devices.
- This device is not suitable for the absorption of toxic dusts.

**IMPORTANT: When you work with the machine,  
ear protection and dust protection must always be worn.**



## Technical data

<b>Power supply</b>	230 V, 50 Hz
<b>Power consumption (W)</b>	550
<b>Engine speed N<sub>o</sub> (1/min)</b>	2900
<b>Protection type</b>	IP20
<b>Max. vacuum pressure (Pa)</b>	1600 (0.016 bar)
<b>Max. suction volume (m<sup>3</sup>/h)</b>	1150
<b>Dust bag volume (ℓ)</b>	65
<b>Dimensions (mm)</b>	895 × 540 × 440
<b>Weight (kg)</b>	19.6
<b>Hose diameter (mm)</b>	100
<b>Hose length (m)</b>	2.3
<b>Noise emission values</b>	
<b>Sound pressure level L<sub>pA</sub> (idle speed) (dB (A))</b>	88.5
<b>Sound power level L<sub>WA</sub> (idle speed) (dB (A))</b>	99.5

The noise emission values given are emission values and therefore do not must represent safe workplace values at the same time. Although there is a correlation between emission and immission levels, it cannot be reliably determined whether additional precautions are necessary or not. Factors that can influence the immission level at the current workplace include the duration of the effects, the nature of the workspace, other noise sources, etc., e.g., the number of machines and other adjacent processes. Reliable workplace values may also vary from country to country. However, this information should enable the user to make a better assessment of hazard and risk.

## Before commissioning

- Unpack the extraction unit and check it for any transport damage.
- The machine must be set up in a stable manner. Before commissioning, all covers and safety devices must be properly installed.
- Before operating the on/off switch, make sure that the dust bags are securely fastened.
- Before connecting the machine, make sure that the data on the nameplate correspond to the mains data.

## Assembly

**ATTENTION!** The mains plug must be disconnected before carrying out any maintenance, conversion, or assembly work on the extraction system!

1. Screw the side plates **(2)** to the chassis frame and the plastic housing **(1)** so that the opening for the catching bags is above the base plate **(15)**.
2. Insert the holding device **(11)** for the dust bag into the receiving hole **(16)** provided on the upper side of the plastic housing **(1)** so that the hook is above the opening.
3. Secure the lower catch bag **(7)** to the upper side of the opening using the quick-release device **(9)**.
4. Secure the upper catch bag **(8)** to the upper side of the opening using the quick-release device **(10)** and hang it on the hook of the holding device **(11)**.
5. Connect the suction hose **(6)** to the adapter **(14)** and attach it to the connection piece of the suction unit.



## Commissioning

### *Switching on*

1. Check whether the suction hose (**6**) is firmly connected to the suction unit and to the suction adapter of the woodworking machine.
2. Check that the dust bags (**7/8**) are properly fastened.
3. Switch on the extraction unit by pressing the green "I" button.
4. Switch on the woodworking machine.

### *Switching off*

1. Switch off the woodworking machine.
2. Switch off the extraction system by pressing the red "O" button or by pressing the emergency stop button (**17**).

### *Emptying the dust bag*

#### **Check the dust bag (7) regularly and empty it!**

1. **Caution!** Pull the mains plug!
2. Hold the filled dust bag with one hand.
3. Open the quick-clamping device (**9**).
4. Remove the sack and dispose of the contents in an environmentally friendly manner.
5. Put the bag back on the holder and fasten it with the quick-release device (**9**).

### *Transport*

The extraction system has a standard chassis (**3/12**). For transport, slightly lift the extraction unit by the transport handle (**13**) and move it to the desired position.

## Maintenance

- **Caution!** Pull out the mains plug.
- Dust and dirt must be regularly removed from the machine. Cleaning is best done with a fine brush or cloth.
- Do not use corrosive agents to clean the plastic.



## 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

Important notice:

The reprint or reproduction, even of excerpts, and any commercial use, even in part, of this instruction manual require the written permission of WiTec Wildanger Technik GmbH.