Operation Manual

Tube Belt Sander

61966

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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Our postal address is:

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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.

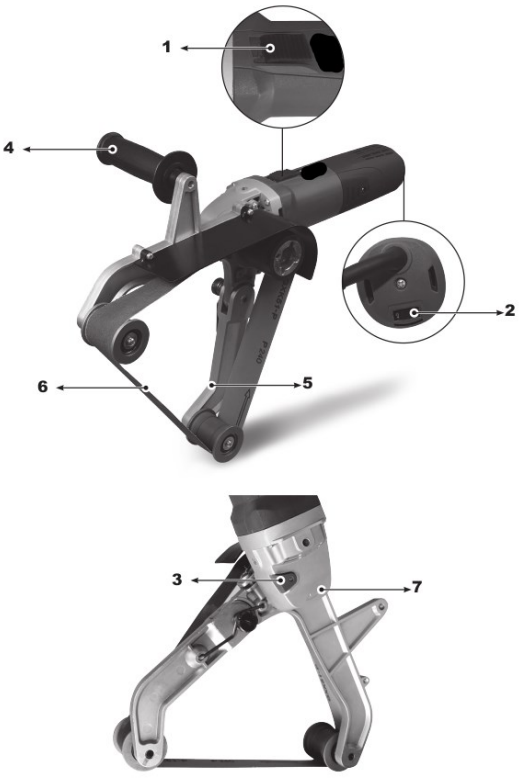
Each power tool is carefully tested and subject to strict quality controls by quality assurance. Nevertheless, the service life of a power tool depends to a great extent on its user. Observe the information contained in these instructions. The more carefully you treat your power tool, the longer it will provide reliable service.

Safety instructions

- Hold power tool by insulated gripping surfaces because the belt may contact its own cord. Cutting a live wire may make exposed metal parts of the tool live and could give the operator an electric shock.
- Flying sparks are created when sanding metal. Ensure that no persons are in danger. Due to the risk of fire, all combustible materials must be removed from the work area (area affected by flying sparks).
- During machining, of metals in particular, conductive dust can form deposits inside the machine. This can lead to the transfer of electrical energy onto the machine housing. This can mean a temporary danger of electric shocks, and therefore it is necessary to blow compressed air through the rear ventilation slots of the machine regularly, frequently, and thoroughly when the machine is running. Make sure to firmly hold the machine while doing so.
- We recommend using a stationary extractor system and connecting a residual current circuit-breaker (FI) upstream. When the machine is shut down via the FI circuit-breaker, it must be checked and cleaned. See chapter “Cleaning and maintenance” for more information on cleaning the motor.
- Dust from material such as paint containing lead, some wood species, minerals, and metal may be harmful. Contact with or inhalation of their dust may cause allergic reactions and/or respiratory diseases to the operator or bystanders. Certain kinds of dust are classified as carcinogenic such as oak and beech dust, especially in conjunction with additives for wood conditioning (chromate, wood preservative). Material containing asbestos must only be treated by specialists.
- **Notes:**
  - Where the use of a dust extraction device is possible, it shall be used.
  - The work place must be well ventilated.
  - The use of a dust mask of filter class P2 is recommended.
  - Follow national requirements for the materials that you want to work with. Materials generating dusts or vapours possibly harmful to health must not be processed.
  - **Wear ear protectors.** Exposure to noise can cause hearing loss. **Wear protective gloves. Always wear protective goggles!**
- Secure the workpiece against slipping, e.g., with the help of clamping devices. Always guide the machine with both hands on the handles provided. Loss of control can cause personal injury.
- Never place your hand near rotating parts of the device or near the rotating sanding belt.
- Remove sanding dust and similar material only when the machine is not in operation.
- Pull the plug out of the plug socket before any adjustments, conversions, or servicing are performed.
- The rated speed of the sanding belt must be at least equal to the belt speed in idling marked on the power tool. A sanding belt running faster than its rated speed can break and fly apart.
- Check prior to each use that the sanding belt is correctly attached and that it lies completely on the rollers. Carry out a trial run: Allow the machine to run at idling speed for 30 s in a safe location. Stop immediately if significant vibrations occur or if other defects are noted. If such a situation occurs, check the machine to determine the cause.

Components and their names

№	Name
1	On/off switch
2	Adjusting wheel for setting the belt speed
3	Spindle lock
4	Additional handle
5	Tensioner arm for replacing the sanding belt
6	Sanding belt
7	Arrow (direction of rotation of drive shaft)



Technical specifications

Power supply	230 V, 50 Hz
Nominal power consumption (W)	1300
Rotation speed (r/min)	1100–3200
Sanding belt size (mm)	760×40
Max. tube diameter (mm)	180
Sanding belt speed (m/s)	2.7–8.5
Sound power level L_{WA} (dB (A))	99, K=3 dB
Sound pressure level L_{pA} (dB (A))	68, K=3 dB
Vibration a_h (m/s^2)	4, K=3
Weight (kg)	3.98

Commissioning

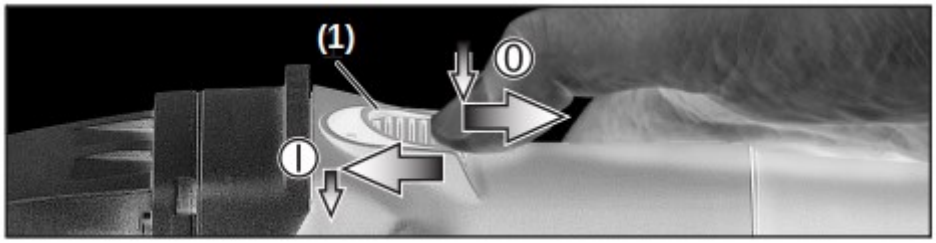
- **Before plugging in, check that the rated mains voltage and mains frequency, as stated on the rating label, match with your power supply!**
- **Attaching the additional handle: Always work with the additional handle attached (4)! Secure the additional handle by screwing it tightly to the left or right.**

Use

On/off switch, continuous activation

Caution!

- **Always guide the machine with both hands.**
- **The machine must not be allowed to draw in additional dust and shavings. When switching the machine on and off, keep it away from dust deposits.**
- **After switching off the machine, only place it down when the motor has come to a standstill.**



- **In continuous operation, the machine continues running if it is forced out of your hands. Therefore, always hold the machine using the handles provided, stand in a safe position and concentrate.**

- **Switching on/continuous activation:** Push the sliding switch **(1)** forward. For continuous activation, now tilt downwards until it engages.
- **Switching off:** Press the rear end of the slide switch **(1)** and release.

Setting the belt speed

The belt speed can be pre-set via the setting wheel **(2)** and is infinitely variable. The steps 1–6 correspond approximately to the following belt speeds:

Step	Speed (m/s)	Step	Speed (m/s)
1	2.7	**4**	6.3
2	3.8	**5**	7.6
3	5.1	**6**	8.5

Replacing the sanding belt

1. Release the tensioner arm **(5)** and remove the sanding belt **(6).**
2. Place the new sanding belt on the rollers such that its direction of circulation (arrows on the inside of the sanding belt) matches the arrow **(7)** on the gearbox.
3. Release the tensioner arm **(5).**
4. Ensure that the sanding belt is completely on the rollers.

Sanding procedure

- Place the machine on the material so that the sanding belt is parallel to the surface of the workpiece. When working, please ensure that the machine is operated at right angles to the pipe so that the belt does not fall off the rollers.
- Using the additional handle, the belt can be pressed against the pipe and at same time placed around it. The angle of contact and the cutting output may be changed by the contact pressure.

Keep the machine in constant motion because otherwise recesses could be produced in the material.

Cleaning and maintenance

To clean the motor, blow compressed air through the rear ventilation slots of the machine regularly, frequently and thoroughly. Therefore, the machine must be held firmly.

Accessories

Use only original accessories. If you need any accessories, check with your dealer. The dealer needs to know the exact model of your power tool to select the correct accessory.

Information on noise and vibration

- Noise determined according to EN 60745. The typical sound pressure level of appliance determined with a filter A product are: sound pressure level 68 dB(A); sound power level 99 dB(A); tolerance K=3 dB. **WEAR A HEARING PROTECTION!**
- Total vibration values (vector sum of three directions) determined according to EN 60745: sanding drywall a_h =4 m/s², K= 3 m/s².
- The vibration emission level given in this information sheet has been measured in accordance with a standardized test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.
- The declared vibration emission level represents the main applications of the tool. However, if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.
- An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.
- Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organization of work patterns.

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 WilTec 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 WilTec 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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Important notice: