



EINHELL TC-RS 425 E Rotating Sander Instruction Manual

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EINHELL TC-RS 425 E Rotating Sander



Specifications

- Art.-No: 44.620.05
- Model: TC-RS 425 E

Product Usage Instructions

Safety Instructions

Ensure all packaging and transportation safety measures are removed before use.

Before Starting

Check for proper assembly and functioning of the rotating sander.

Operation

Follow the plus and minus direction indicators for operation.

Working with the Rotating Sander

Always wear protective goggles and a dust mask while operating the sander. Avoid wearing loose clothing or jewelry.

Replacing the Power Cord

When replacing the power cord, ensure it is done by a professional to avoid hazards.

Cleaning, Maintenance, and Ordering Spare Parts

Disconnect the power plug before cleaning the sander. Clean the sander after each use to prolong its lifespan.

Ordering Spare Parts

When ordering spare parts, provide accurate details to ensure compatibility. Visit www.Einhell-Service.com for current prices and information.

Disposal and Recycling

Follow local regulations for the proper disposal and recycling of the rotating sander.

Storage

Store the rotating sander in a dry and secure place away from moisture and direct sunlight.

FAQ

- **Q: What should I do if the rotating sander malfunctions?**

A: Please refer to the service information provided in the manual or contact Einhell customer service for assistance.

- **Q: How can I track my order or repair status?**

A: You can track your order, repair status, or find service centers near you by visiting [Einhell-Service.com](https://www.einhell-service.com) or contacting Einhell customer service at the provided phone number or email address.

Danger!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 6)



1. Danger! – Read the operating instructions to reduce the risk of injury.
2. Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.
3. Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!
4. Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

Safety regulations

The corresponding safety information can be found in the enclosed booklet.

Warning!

Read all the safety information, instructions, illustrations and technical data provided on or with this power tool. Failure to adhere to the following instructions may result in electric shock, fire and/or serious injury.

Keep all the safety information and instructions in a safe place for future use.

Layout and items supplied

Layout (Fig. 1)



1. Grinding/sanding disk
2. Handle
3. Speed controller
4. Operating switch
5. Dust extraction connector
6. Dust bag
7. Additional handle

Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts.

There is a danger of swallowing or suffocating!

- Original operating instructions
- Safety instructions


Proper use

The equipment is designed for the grinding/sanding of wood, iron, plastic and similar materials using the appropriate grinding/sanding paper. The machine is not suitable for wet grinding/sanding.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Technical data

- Voltage230-240 V ~ 50 Hz
- Power input 425 W
- Grinding/sanding areaØ 125 mm
- Abrasive paper sizeØ 125 mm
- Idling speed6,000-13,000 min⁻¹
- Oscillating speed12,000-26,000 min⁻¹
- Oscillatory circuit 2.5 mm
- Protection class: II/ 
- Weight:1.6 kg

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 62841.

- LpA sound pressure level 82.4 dB(A)
- KpA uncertainty3 dB
- LWA sound power level 93.4 dB(A)
- KWA uncertainty3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

Handle

Vibration emission value $a_h = 5.860 \text{ m/s}^2$

K uncertainty = 1.5 m/s^2

The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

Warning:

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.

Caution!**Residual risks**

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

Before starting the equipment

Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

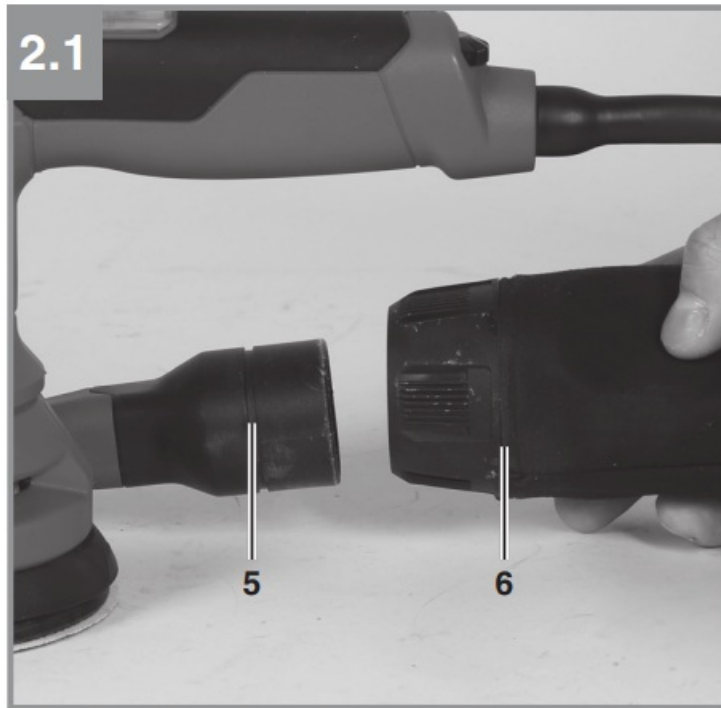
Warning!

Always pull the power plug before making adjustments to the equipment.

Fitting the dust bag (Fig. 2.1)

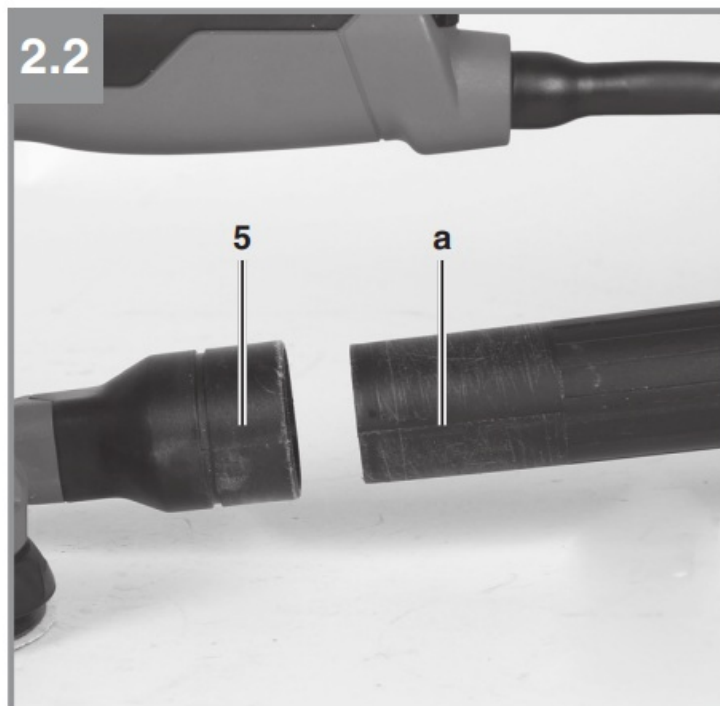
Slip the dust bag (6) onto the dust extraction connector (5).

Important! For health safety reasons it is imperative that you use a dust bag.



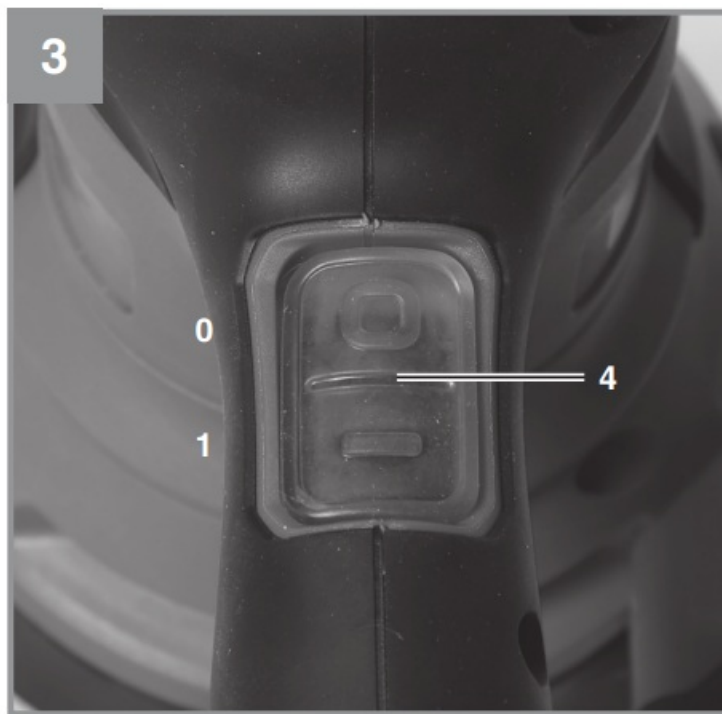
Connector for a vacuum extraction system (Fig. 2.2)

Connect a suitable vacuum extraction system (a) to the dust extraction connector. The dust will be extracted directly through the abrasive paper and the grinding/sanding disk into the dust bag.



Operation

Switching the equipment ON/OFF (Fig. 3)



Switching on

Press down the operating switch (4) at position 1.

Switching off

Press down the operating switch (4) at position 0.

Speed control (Fig. 5/Item 4)

To pre-select the speed turn the knurled screw (3) on the switch.



- Plus direction: Higher speed
- Minus direction: Lower speed

Working with the eccentric grinder/sander

- Place the whole surface area of the sanding disk on the material.
- Switch on the machine and move it with gentle pressure over the workpiece completely circular movements or moving it to and fro and up and down.
- Use a coarse paper for coarse sanding and a finer paper for finish sanding. You can find the best paper for the job by means of testing.

Caution!

The dust generated when working with the machine may be harmful.

- Always wear goggles and a dust mask when carrying out sanding/grinding work.
- Everybody who uses the machine or enters the workplace must wear a dust mask.
- Do not eat, drink or smoke at the workplace.
- Do not use the machine on paints which contain lead.

Replacing the power cable

Danger!

If the mains connection lead on the electric tool is damaged, it must be replaced by a specially prepared connection lead available from our customer service organization.

Cleaning, maintenance and ordering of spare parts

Danger!

Always pull out the mains power plug before starting any cleaning work.

Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

Carbon brushes

In case of excessive sparking, have the carbon brushes checked only by a qualified electrician. Danger! The carbon brushes should not be replaced by anyone but a qualified electrician.

Maintenance

There are no parts inside the equipment which require additional maintenance.

Ordering replacement parts:

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine

- Replacement part number of the part required

For our latest prices and information please go to www.Einhell-Service.com

Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

Storage

Store the equipment and accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:

As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

Please note that batteries and lamps (e.g. light bulbs) must be removed from the tool before it is disposed of.

The reprinting or reproduction by any other means, in whole or in part, of documentation and papers accompanying products is permitted only with the express consent of the Einhell Germany AG.

Subject to technical changes

Service Information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes, grinding/sanding plate
Consumables*	Grinding/sanding paper
Missing parts	

* Not necessarily included in the scope of delivery!

In the event of defects or faults, please register the problem on the internet at www.Einhell-Service.com. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

Warranty certificate

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown. Please note the following terms under which guarantee claims can be made:

1. These guarantee terms apply to consumers only, i.e. natural persons intending to use this product neither for their commercial activities nor for any other self-employed activities. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.
2. The warranty services cover only defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below and are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.


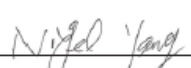
Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:
 - Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
 - Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
 - Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.
4. The guarantee is valid for a period of 24 months starting from the purchase date of the device. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.
5. To make a claim under the guarantee, please register the defective device at: www.Einhell-Service.com. Please keep your bill of purchase or other proof of purchase for the new device. Devices that are returned without proof of purchase or without a rating plate shall not be covered by the guarantee, because appropriate identification will not be possible. If the defect is covered by our guarantee, then the item in question will either be repaired immediately and returned to you or we will send you a new replacement.

Of course, we are also happy offer a chargeable repair service for any defects which are not covered by the scope of this guarantee or for units which are no longer covered. To take advantage of this service, please send the device to our service address.
Also refer to the restrictions of this warranty concerning wear parts, consumables and missing parts as set out in the service information in these operating instructions.

Declaration of conformity

We declare conformity in accordance with the EU directive and standards for article

Exzenterschleifer* TC-RS 425 E (Einhell)	
<input type="checkbox"/> 2014/29/EU	<input checked="" type="checkbox"/> 2006/42/EC
<input type="checkbox"/> 2005/32/EC_2009/125/EC	<input type="checkbox"/> Annex IV
<input type="checkbox"/> (EU)2015/1188	Notified Body:
<input type="checkbox"/> 2014/35/EU	Reg. No.:
<input type="checkbox"/> 2006/28/EC	<input type="checkbox"/> 2000/14/EC_2005/88/EC
<input checked="" type="checkbox"/> 2014/30/EU	<input type="checkbox"/> Annex V
<input type="checkbox"/> 2014/32/EU	<input type="checkbox"/> Annex VI
<input type="checkbox"/> 2014/53/EU	Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A)
<input type="checkbox"/> 2014/68/EU	P = kW; L/Ø = cm
<input type="checkbox"/> (EU)2016/426	Notified Body:
<input type="checkbox"/> (EU)2016/425	<input type="checkbox"/> 2012/46/EU_(EU)2016/1628
<input checked="" type="checkbox"/> 2011/65/EU_(EU)2015/863	Emission No.:
Standard references: EN 62841-1; EN 62841-2-4; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3	
Einhell Germany AG · Wiesenweg 22 · D-94405 Landau/Isar	
Landau/Isar, den 12.02.2022	 Andreas Weichselgartner/General-Manager
	 Nigel Yang/Product-Management
First CE: 2022	Archive-File/Record: NAPR023121
Art.-No.: 44.620.05 I.-No.: 21011	Documents registrar: Christoph Egginger
Subject to change without notice	Wiesenweg 22, D-94405 Landau/Isar
<small>* GB Rotating Sander · F Meuleuse excentrique · I Levigatrice rotorbitale · DK/N Excentersliber · S Excenterslip · CZ Excentrická bruska · SK Excentrická brúška · NL Excentrische schuurmachine · E Lijadora excentrica · FIN Epäkeskiohmakone · SLO Ekscentrični brusilnik · H Excentereszlő · RO Șlefuitor excentric · GR Εξκεντρο τρίψιο · P Lixadora excentrica · HR/BIH Ekscentrična brusilica · RS Brusilica s ekscentrom · PL Szlifierka mimośrodowa · TR Eksantrik Zımpara · RUS эксцентриковая шлифовальная машина · EE Eksentriklihvija · LV Ekscentra slīpmašīna · LT Ekscentrinis šlifuoklis · BG Эксцентър шлайф · UKR эксцентрикова шліфмашина · MK Eksentar (lajferka) · NO Eksentersliper · IS Hjálmíðjuðari</small>	

Declaration of conformity

We, Einhell UK Ltd

Champions Business Park, First Floor Unit 10, Arrowe Brook Rd, Upton, Wirral CH49 0AB, United Kingdom
declare the conformity to UK standards and legislation was assessed for:

Rotating Sander TC-RS 425 E (Einhell)

UK legislation

- | | |
|--|--|
| <input type="checkbox"/> Simple Pressure Vessels (Safety) Regulation | <input checked="" type="checkbox"/> Electromagnetic Compatibility Regulation |
| <input type="checkbox"/> Electrical Equipment (Safety) Regulation | <input type="checkbox"/> Measuring Instruments Regulation |
| <input type="checkbox"/> Radio Equipment Regulation | <input type="checkbox"/> Pressure Equipment (Safety) Regulation |
| <input type="checkbox"/> Personal Protective Equipment Regulation | |
| <input type="checkbox"/> The Ecodesign for Energy-Related Products and Energy Information Regulation | |
| <input checked="" type="checkbox"/> The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulation | |
| <input type="checkbox"/> Noise Emission in the Environment by Equipment for use Outdoors Regulation | |
| Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A) | |
| <input checked="" type="checkbox"/> Supply of Machinery (Safety) Regulation | |
| <input type="checkbox"/> Annex IV | |
| UK Approved Body: | |
| UKTE Certificate No.: | |

Standards: BS 62841-1; BS 62841-2-4; BS 55014-1; BS 55014-2; BS 61000-3-2; BS61000-3-3


Wirral, 2022.02.12


Tom Chambers, Managing Director Einhell UK Ltd.



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Documents registrar: Christoph Egginger
Wiesenweg 22, D-94405 Landau/Isar

Documents / Resources

	<p>EINHELL TC-RS 425 E Rotating Sander [pdf] Instruction Manual 504386, 44.620.05, 21011, TC-RS 425 E Rotating Sander, TC-RS 425 E, Rotating Sander, Sander</p>
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References

-  [Einhell Service](#)
-  [Einhell Service](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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