



TE-DA 18/760 Li

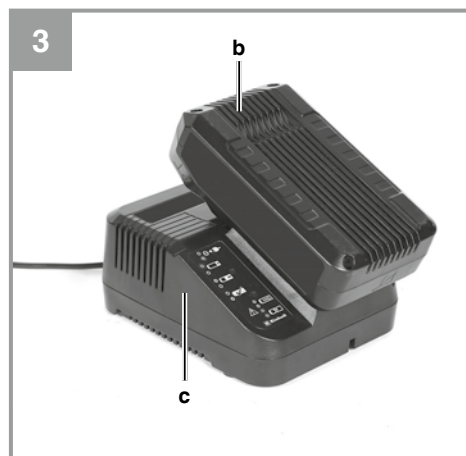
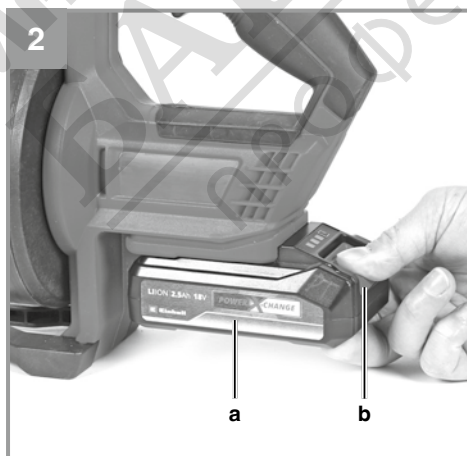
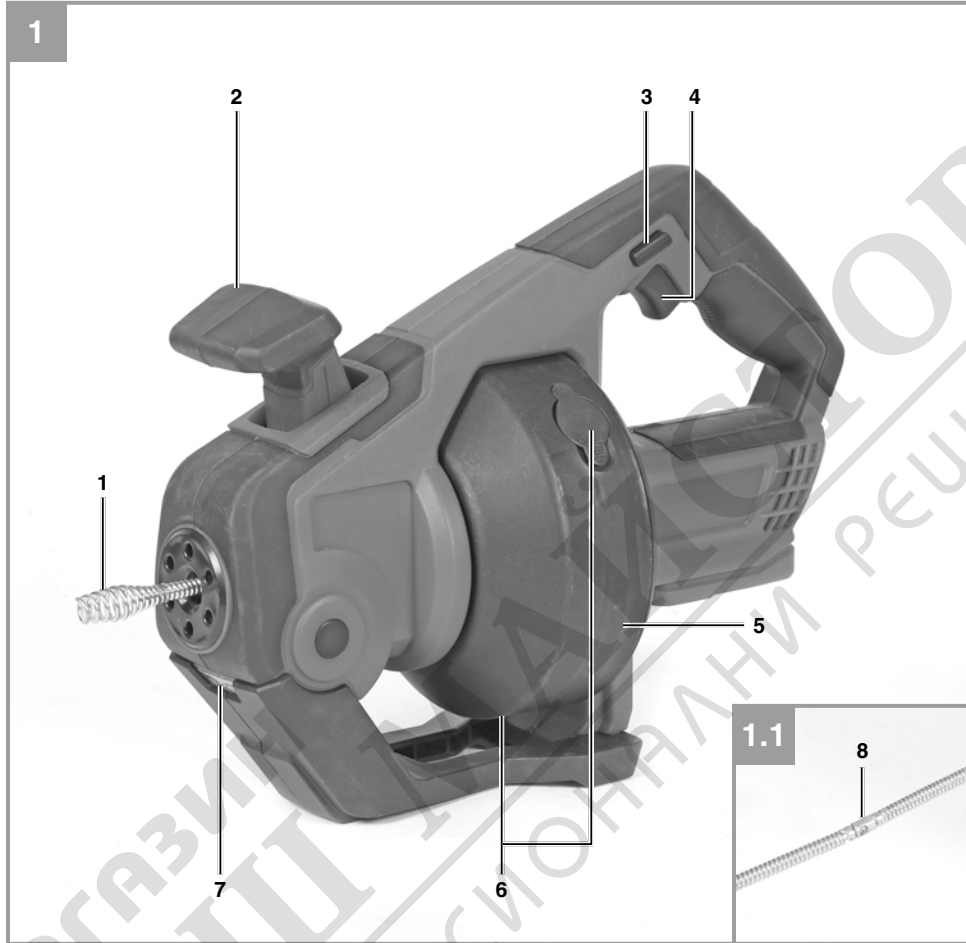
D	Originalbetriebsanleitung Akku-Rohrreiniger	SLO	Originalna navodila za uporabo Akumulatorski čistilec za cevi
GB	Original operating instructions Cordless drain auger	H	Eredeti használati utasítás Akkus-csőtisztító
F	Instructions d'origine Déboucheur sans fil	RO	Instrucțiuni de utilizare originale Aparat de defundat țevi cu acu- mulator
I	Istruzioni per l'uso originali Turatubi a batteria	GR	Πρωτότυπες Οδηγίες χρήσης Καθαριστικό σωληνα, με μπαταρια
DK/ N	Original betjeningsvejledning Akku-rørrensner	P	Manual de instruções original Limpador de tubos sem fio
S	Original-bruksanvisning Batteridrivnen avloppsrensare	HR/ BIH	Originalne upute za uporabu Baterijski čistač odvoda
CZ	Originální návod k obsluze Akumulátorový čistič potrubí	RS	Originalna uputstva za upotrebu Akumulatorski čistač cevi
SK	Originálny návod na obsluhu Akumulátorový čistič rúr	PL	Instrukcją oryginalną Akumulatorowy przepychacz do rur
NL	Originele handleiding Accu buisreiniger	TR	Orijinal Kullanma Talimatı Akülü boru temizleme
E	Manual de instrucciones original Desatascador inalámbrico	EE	Originaalkasutusjuhend Akuga torupuhastaja
FIN	Alkuperäiskäyttöohje Akkukäyttöinen putkenpuhdistin		

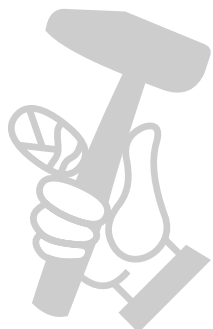
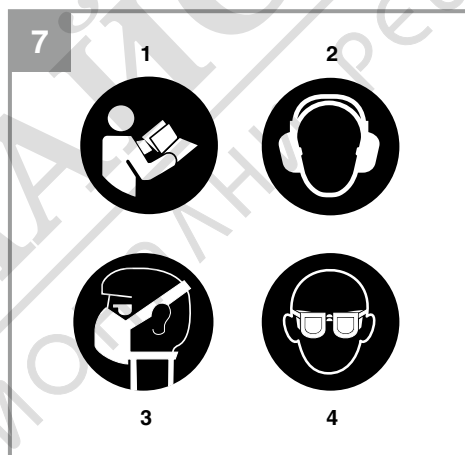
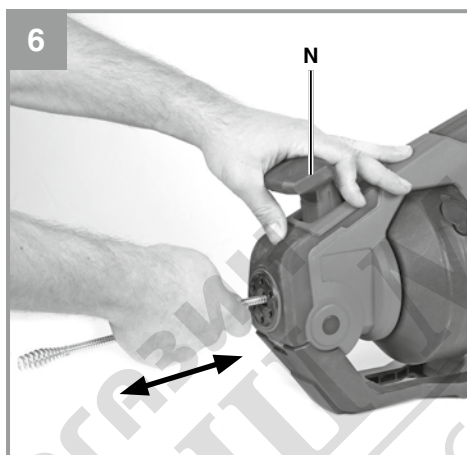
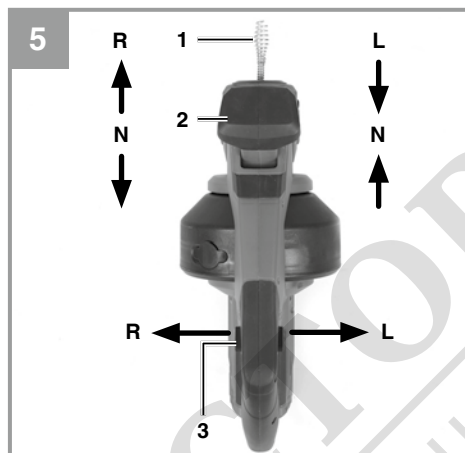
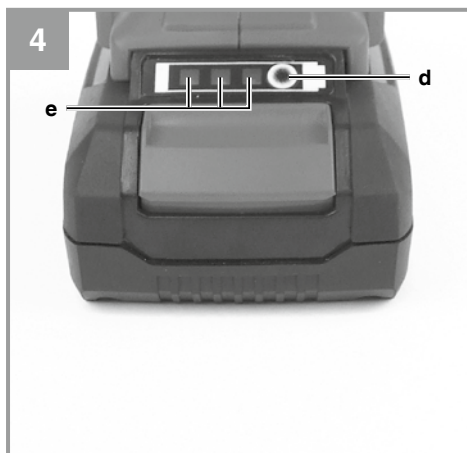
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Art.-Nr.: 45.141.60

I.-Nr.: 21011





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. 7)

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.

1. Safety regulations

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

WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

2. Layout and items supplied**2.1 Layout (Fig. 1)**

1. Cleaning coil
2. Forward/Neutral/Reverse lever
3. Direction of rotation switch
4. On/Off switch
5. Storage drum for the cleaning coil
6. Cleaning/emptying openings for the storage drum
7. LED lamp
8. Connecting piece for the cleaning coil

2.2 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!

- Cordless pipe cleaner
- Original operating instructions
- Safety instructions

3. Proper use

The cordless pipe cleaner is suitable for removing blockages in domestic waste water pipes.

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.

4. Technical data

Motor power supply	18 V DC
Idling speed	0-560 min ⁻¹
Feed speed	0.13 m/s
Length of cleaning coil	7.6 m
Diameter of cleaning coil	7 mm
Pipe diameter	16-55 mm
Weight	3.65 kg

Danger!

Sound and vibration

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

L _{pA} sound pressure level	79 dB(A)
K _{pA} uncertainty	3 dB
L _{WA} sound power level	90 dB(A)
K _{WA} uncertainty	3 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 $a_h = 0.895 \text{ m/s}^2$
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.

Limit the operating time!

All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

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.

5. Before starting the equipment

Warning!

Always remove the battery before making adjustments to the machine.

6. Operation

6.1 Adjusting the direction of rotation and movement of the cleaning coil (Fig. 5)

The machine has two controls for adjusting the cleaning coil: the Forward/Neutral/Reverse lever (2) and the direction of rotation switch (3).

The direction of rotation and movement of the cleaning coil (1) will change depending on how the controls are set.

Direction of rotation switch (3) at setting R:

The cleaning coil (1) will always turn clockwise as seen from the operator's position.

Forward/Neutral/Reverse lever (2) at:**Forward setting:**

The cleaning coil (1) will be moved out

Neutral setting:

The cleaning coil (1) will be moved neither out nor in

Reverse setting:

The cleaning coil (1) will be moved in

Direction of rotation switch at setting L:

The cleaning coil will always turn counter-clockwise as seen from the operator's position.

Forward/Neutral/Reverse lever at:**Forward setting:**

The cleaning coil will be moved in

Neutral setting:

The cleaning coil will be moved neither out nor in

Reverse setting:

The cleaning coil will be moved out

Note:

An overview is provided in Table 11 "Direction of rotation and movement of the cleaning coil".

6.2 On/Off switch (Fig. 1/Item 4)**Switching on**

Press the On/Off switch (4).

Switching off

Release the On/Off switch (4)

6.3 Cleaning procedure**Danger!**

Always work with the machine as close as possible to the pipe inlet. This will prevent you from coming into contact with the rotating cleaning coil with risk of injury.

To dislodge a blockage in a pipe, work with the machine rotating clockwise. In this case the cleaning coil will work its way – like a corkscrew – into the blockage (e.g. toilet paper etc.) and get caught there. Then you can dislodge the blockage by moving the cleaning coil out and back in again several times using the Forward/Neutral/Reverse lever (2), after which you can remove the cleaning coil from the pipe.

After the blockage has been removed you should check the result with sufficient water, repeating the procedure as often as necessary until the pipe is completely free again.

In the case of blockages that do not get caught up on the cleaning coil (e.g. soap residues), the blockage will be dislodged from the pipe by the rotating cleaning coil and can then be rinsed out of the pipe with sufficient water. In this case too you must repeat the procedure as often or as long as necessary until the pipe is completely free again.

It is also possible to pull out the cleaning coil (1) manually (see Fig. 6). In this case move the Forward/Neutral/Reverse lever (2) to the Neutral setting and then pull the coil out of the machine.

If the cleaning coil becomes stuck during the cleaning operation and no longer lets itself be removed from the pipe simply by pulling, move the direction of rotation switch (3) to the setting L and try again to remove the cleaning coil from the pipe.

Important!

If the drainage has an odor trap, remove it.

Danger!

Do not wear any loose fitting clothes or jewelry. There is a risk of them getting caught up in the cleaning coil or the storage drum! If you have long hair, you should use a hair-net!

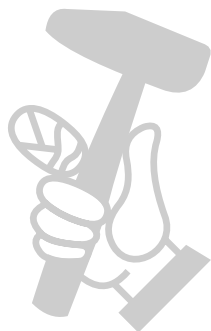
Danger!

The contents of the drainage might be infectious and/or contain aggressive substances. It is recommended therefore to wear safety goggles and mouth or face protection!

6.4 Cleaning the cleaning coil (1)

When you have finished cleaning the pipe, you should clean and dry the cleaning coil thoroughly with a clean rag before you move it fully into the storage drum for the cleaning coil (5).

Any water that might collect in the storage drum for the cleaning coil (5) can be removed from the storage drum for the cleaning coil (5) by opening the cleaning/emptying openings for the storage drum (6) and leaving them open until the drum has dried completely.



If any dirt collects in the storage drum for the cleaning coil (5), you can rinse it out of the drum with clear water by opening the two cleaning/emptying openings for the storage drum (6) and continue rinsing until there is no more dirt in the storage drum for the cleaning coil (5). Then remove all the remaining water from the storage drum for the cleaning coil (5) and leave the two cleaning/emptying openings for the storage drum (6) open until the drum is completely dry.

The two cleaning/emptying openings for the storage drum (6) must be closed again before the machine is used the next time.

6.5 Replacing the cleaning coil (Fig. 1.1)

A damaged or worn cleaning coil can be replaced by a new one. To do so, pull the cleaning coil out of the machine until you can see the connecting piece (8). The screw on the connecting piece must be undone. Now you can simply pull off the old cleaning coil (1) and fit the new one in reverse order. Finally check that the screw on the connecting piece (8) is tight. The new cleaning coil (1) can now be moved into the storage drum for the cleaning coil (5).

6.6 LED light

Press the On/Off switch (4) to switch on the LED light (7). You will then have a better view of the work area. When you let go of the On/Off switch (4) the light will continue to shine for another 10 seconds or so before it goes out.

6.7 Charging the Li battery pack (Fig. 2+3)

1. Remove the battery pack (a) from the handle, pressing the pushlock button (b) downwards to do so.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger (c) into the mains socket outlet. The green LED will then begin to flash.
3. Push the battery pack onto the battery charger.

In section 10 (Charger indicator) you will find a table with an explanation of the LED indicator on the charger.

If the battery pack fails to charge, check for the following:

- voltage at the power socket
- whether there is good contact at the charging contacts of the charging unit

If the battery pack still fails to charge, send

- the charger and charging adapter
 - and the battery pack
- to our customer service center.

To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.

When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fires.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

6.8 Battery capacity indicator (Fig. 4/Pos. e)

Press the button for the battery capacity indicator (d). The battery capacity indicator (e) shows the charge status of the battery using 3 LEDs.

All 3 LEDs are lit:

The battery is fully charged.

2 or 1 LED(s) are lit:

The battery has an adequate remaining charge.

1 LED flashes:

The battery is empty, recharge the battery.

All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

7. Cleaning, maintenance and ordering of spare parts

Danger!

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

7.1 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.

7.2 Maintenance

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

7.3 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

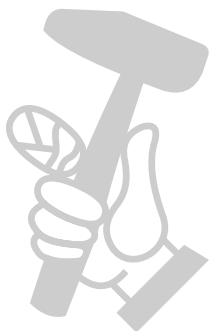
For our latest prices and information please go to www.Einhell-Service.com

8. 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.

9. 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.



10. Charger indicator

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger
On	Off	Charging The charger is charging the battery pack in quick charge mode. The charging times are shown directly on the charger. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.
Off	On	The battery is charged and ready for use. (READY TO GO) The unit then changes over to gentle charging mode until the battery is fully charged. To do this, leave the rechargeable battery on the charger for approx. 15 minutes longer. Action: Take the battery pack out of the charger. Disconnect the charger from the mains supply.
Flashing	Off	Adapted charging The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more time. The reasons can be: - The rechargeable battery has not been used for a very long time. - The battery temperature is outside the ideal range. Action: Wait for the charging to be completed; you can still continue to charge the battery pack.
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action: Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). Action: Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .

11. Direction of rotation and movement of the cleaning coil

	Front	Middle (Neutral)	Rear
Right	Clockwise, to the front	Clockwise, no movement	Clockwise, to the rear
Left	Counter-clockwise, to the rear	Counter-clockwise, no movement	Counter-clockwise, to the front



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.

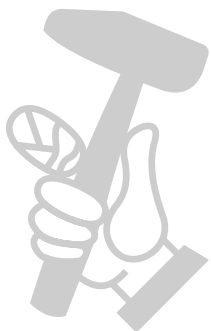
Recycling alternative to the return request:

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.

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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*	Battery
Consumables*	
Missing parts	

* Not necessarily included in the scope of delivery!

In the effect 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.

