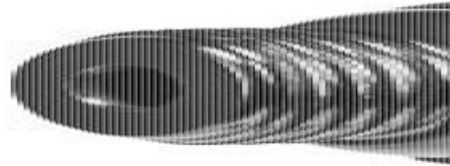




Einhell TC-PC 45 Air Chisel Hammer Instruction Manual

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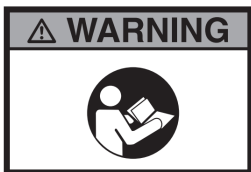
Einhell TC-PC 45 Air Chisel Hammer



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Important Safety Instructions



Danger! – Read the operating instructions to reduce the risk of injury



Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.



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!



Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

OIL DAILY

Each time before use, oil the compressed air tool via the compressed air coupling.

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.

Safety regulations

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

Danger!

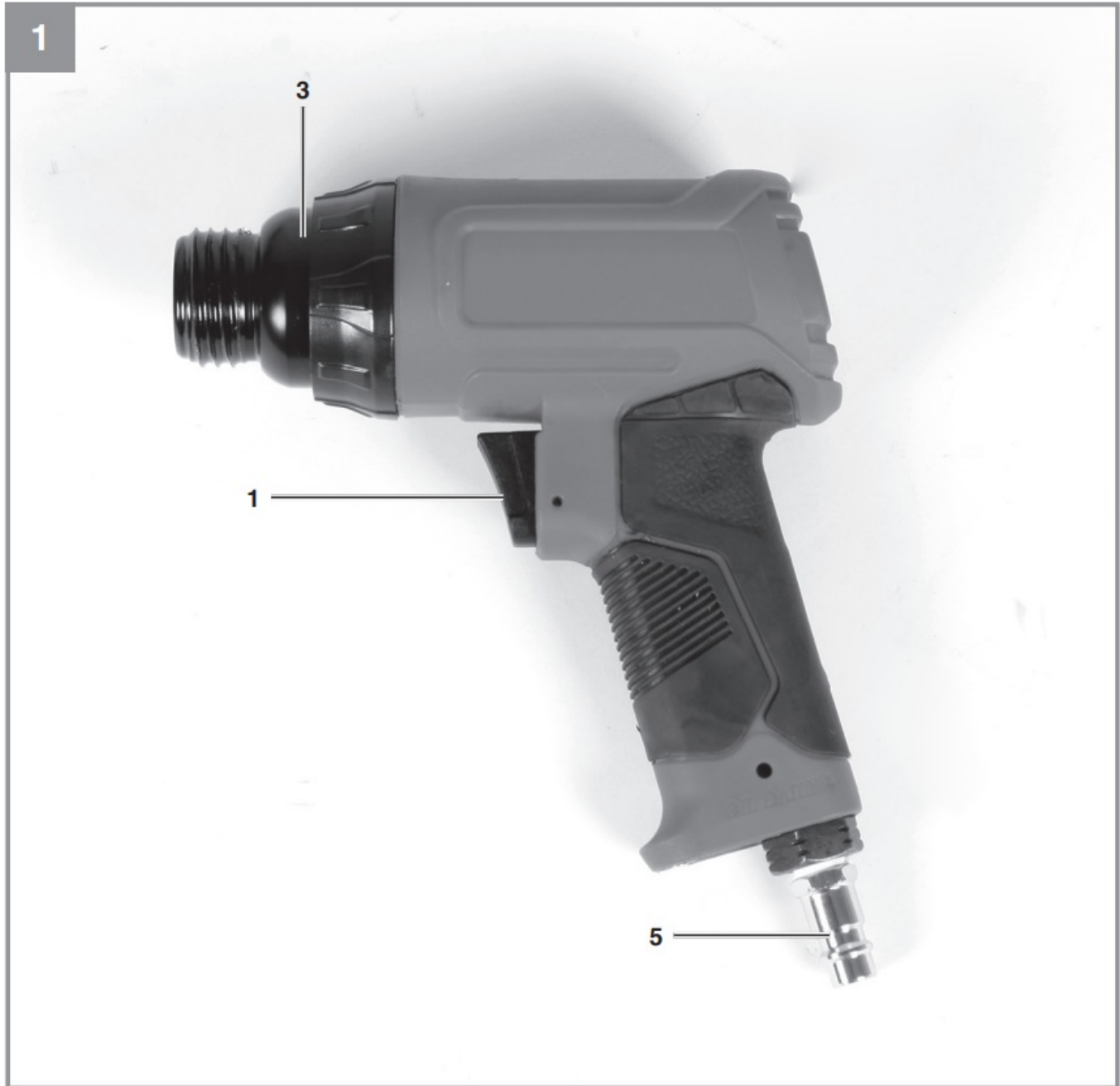
Read all safety regulations and instructions.

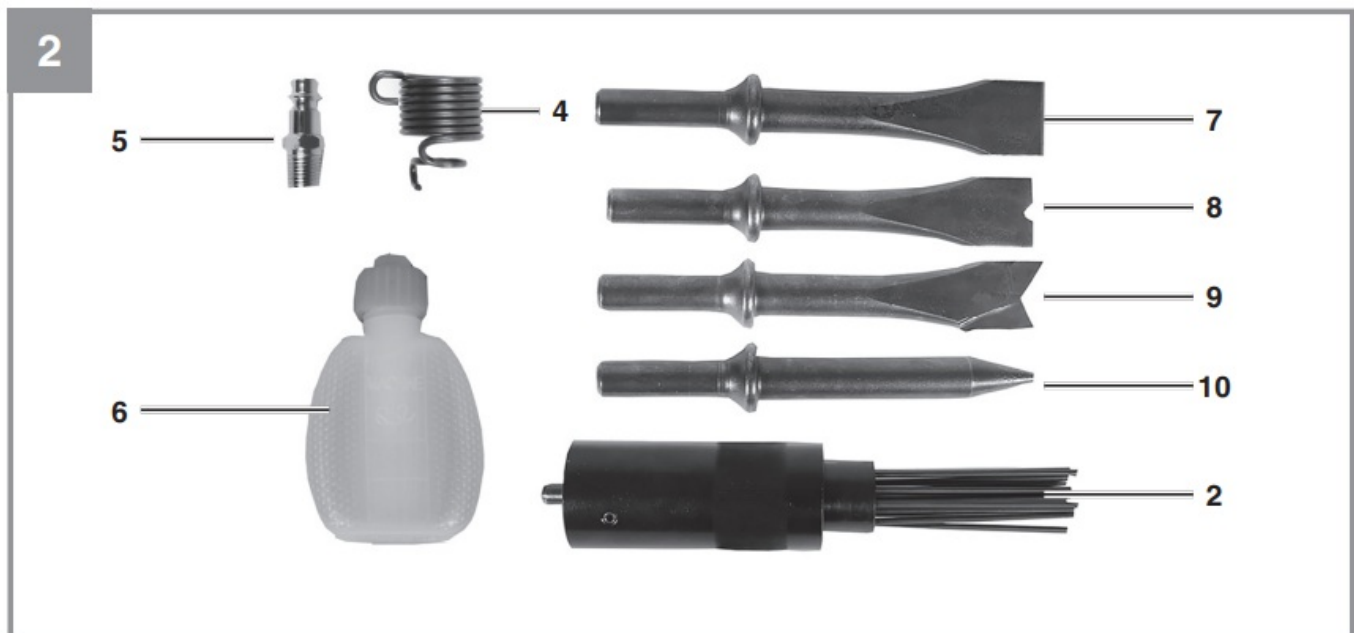
Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

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

Layout and items supplied

Layout (Fig. 1)





1. Trigger lever
2. Needle scaler attachment (not supplied with Art. No. 4139040)
3. Cylinder
4. Tensioning spring
5. Nipple
6. Oil bottle (without oil)
7. Flat chisel
8. Pointed chisel
9. Rivet chisel
10. Parting chisel

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!

- Air chisel hammer
- Needle scaler attachment (not supplied with Art. No. 4139040)
- Tensioning spring
- Nipple

- Oil bottle (without oil)
- Flat chisel
- Pointed chisel
- Rivet chisel
- Parting chisel
- Original operating instructions
- Safety information

Proper use

The chisel hammer is a pneumatically operated tool for versatile use. It is suitable for example for making slits, for removing tiles or outdoor plaster, for making holes through masonry, for cutting sheet metal and for removing bolts or rivets.

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.

Remember.

Too small a diameter of the hose and too long a hose line will result in loss of power.

Technical data

Max. permitted operating pressure: 6.3 bar
 Air consumption (6.3 bar): 113 l/min
 Chisel mounting (hexagon): 10 mm
 Stroke: 43 mm
 Blow rate: 4500 min⁻¹
 Recommended hose diameter: Ø 9 mm
 Weight: 1.1 kg

Sound and vibration

Sound and vibration values were measured in accordance with EN ISO 15744.

LpA sound pressure level 99 dB(A)
 KpA uncertainty 3 dB
 LWA sound power level 110 dB(A)
 KWA uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) were determined in accordance with ISO 28927-9, ISO 28927-10.

Vibration emission value a_h

= 18.2 m/s²

K uncertainty = 1.5 m/s²

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional

circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

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.
- Wear protective gloves.

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 power supply make sure that the data on the rating plate are identical to those of the supply voltage.

Disconnect the compressed air supply before performing any cleaning, adjusting and maintenance work.

Air supply:

Via a compressed air source with pressure setting function, e.g. a compressor. Before starting up, please also read the section on care and maintenance.

Performance values of the compressor:

The compressor used should have a tank volume of at least 50 liters.

Setting values for work with the suction spray gun:

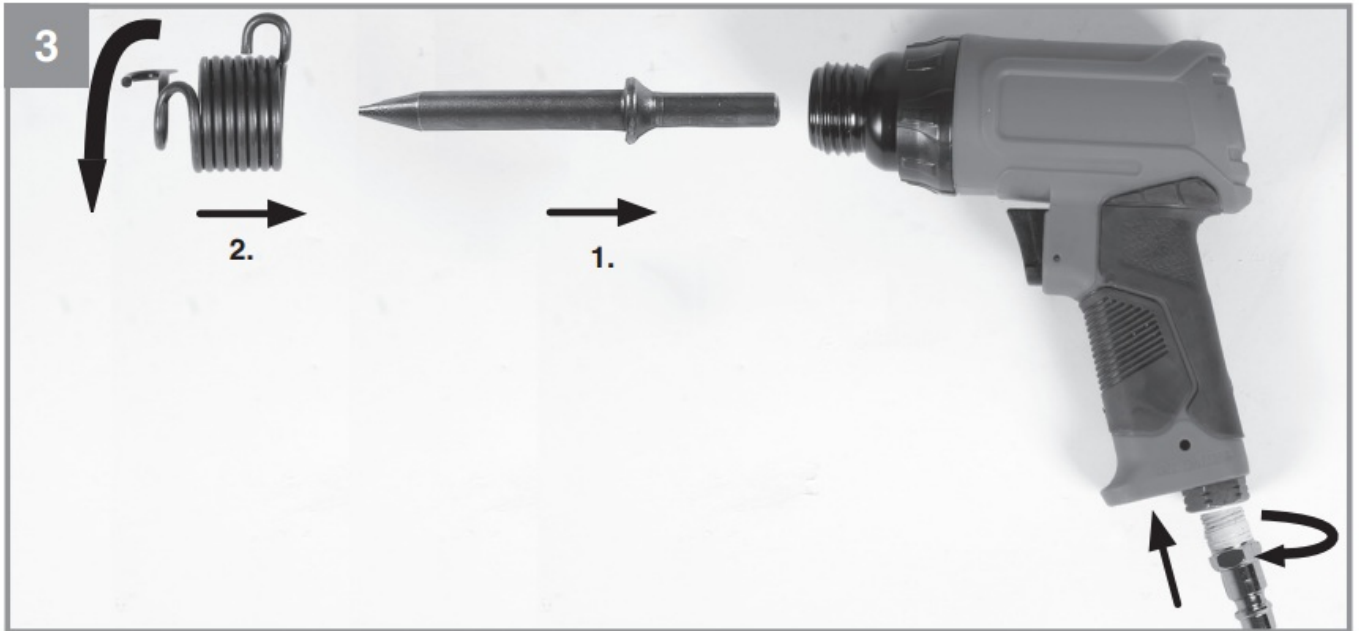
Set a maximum working pressure of 6.3 bar at your compressed air supply.

Lubricating the tool

Each time before starting and during prolonged operation:

- Insert 3-5 drops of special compressed air oil into the compressed air connection (5) (not included in delivery)
- Let the equipment run briefly so that any surplus oil is blown out.

Fitting/removing the attachable chisels (Fig. 3)



Plug the required chisel into the mount of the chisel hammer. Slip the tensioning spring (4) over the chisel. Turn the tensioning spring onto the thread of the cylinder as far as the stop. As you do this, hold the tensioning spring by the front arm.

To change the chisel you must first disconnect the equipment from the compressed air source. Turn the tensioning spring off the cylinder of the chisel hammer by holding it by its rear arm. The chisel can now be changed as described above.

The chisel shaft should be lubricated with a little normal lubricating grease from time to time.

Fitting the needle scaler attachment (Fig. 4)

To fit the needle scaler attachment, screw it tightly onto the thread of the cylinder.

Operation

Connecting to a compressed air supply

- Connect the nipple (5) to the quick-lock coupling of a compressed air hose (the hose is not supplied).
- Note the maximum permissible operating pressure of the equipment.

Working with the chisel hammer

Move the chisel hammer towards the object you want to work on. Actuate the trigger lever (1) to start the chisel hammer.

Cleaning, maintenance and ordering of spare parts

Disconnect the compressed air supply from the equipment before performing 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 down with compressed air at low pressure.
 - We recommend cleaning the equipment immediately each time after use.
 - Clean the equipment regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the equipment.
- Ensure that no water can get into the interior of the equipment.

Maintenance

Warning!

Disconnect the equipment from the compressed air supply before you carry out any maintenance or cleaning work.

Compliance with the maintenance instructions listed here will help this quality product provide you with a long service life and trouble-free operation.

Regular lubrication is essential for your equipment to work properly for a prolonged period of time.

Regularly check the speed and the vibration level by simply observing the tool.

Note: Use environmentally friendly compressed air oil if you want to operate the equipment outside the workshop.

The following lubrication options are available:

Lubrication by mist oiler Connect a mist oiler between the compressed air source and the equipment (not supplied, available at retail stores)

By hand

Each time before using the compressed air tool insert 3-5 drops of special compressed air oil into the compressed air connection. If the compressed air tool has not been used for several days you must insert 5-10 drops of special compressed air oil into the compressed air connection before switching on.

Store your compressed air tool only in a dry room.

Other maintenance

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

Excluded from the guarantee are:

- Wear parts
- Damage cause by too much operating pressure.
- Damage caused by non-conditioned compressed air.
- Damage caused by improper use or unauthorized intervention.

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.

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*	clamping spring
Consumables*	Chisel
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 to 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.

EU Declarations



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



Druckluft-Meisselhammer (Pn)* TC-PC 45 (Einhell)

☐ 2014/29/EU

☐ 2005/32/EC_2009/125/EC

☐ (EU)2015/1188

☐ 2014/35/EU

☐ 2006/28/EC

☐ 2014/30/EU

☐ 2014/32/EU

☐ 2014/53/EU

☐ 2014/68/EU

☐ (EU)2016/426
Notified Body:

☐ (EU)2016/425

☐ 2011/65/EU_(EU)2015/863

☒ 2006/42/EC

☐ Annex IV

Notified Body:

Reg. No.:

☐ 2000/14/EC_2005/88/EC

☐ Annex V

☐ Annex VI

Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A)

P = kW; L/Ø = cm

Notified Body:

☐ 2012/46/EU_(EU)2016/1628

Emission No.:

Standard references: EN ISO 11148-4

Einhell Germany AG · Wiesenweg 22 · D-94405 Landau/Isar

Landau/Isar, den 10.05.2022



Andreas Weichselgartner/General-Manager



Jeff Dong/Product-Management

First CE: 18

Art.-No.: 41.390.40 I.-No.: 21022

Subject to change without notice

Archive-File/Record: NAPR026618

Documents registrar: Luca Peer

Wiesenweg 22, D-94405 Landau/Isar

Declaration of conformity



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First CE: 18
 Art.-No.: 41.390.45 I.-No.: 21022
 Subject to change without notice

Archive-File/Record: NAPR026619
 Documents registrar: Luca Peer
 Wiesenweg 22, D-94405 Landau/Isar

We, Einhell UK Ltd

**UK
CA**

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:

Hammer (Pneumatic) TC-PC 45 (Einhell)

- | | |
|---|---|
| <input type="checkbox"/> Simple Pressure Vessels (Safety) Regulation | <input 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 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 | |
| <input type="checkbox"/> Annex V | |
| <input type="checkbox"/> Annex VI | |
| Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A) | |
| P = kW; L/Ø = cm | |
| UK Approved Body: | |
| <input checked="" type="checkbox"/> Supply of Machinery (Safety) Regulation | |
| <input type="checkbox"/> Annex IV | |
| UK Approved Body: | |
| UKTE Certificate No.: | |

Standards: BS 11148-4

Wirral, 2022.05.10



 Tom Chambers, Managing Director Einhell UK Ltd.

Article Number: 41.390.40 I.-No.: 21022
 Subject to change without notice

Archive-File/Record: NAPR026618
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 ☐ Measuring Instruments Regulation
☐ Radio Equipment Regulation
 ☐ Pressure Equipment (Safety) Regulation
☐ Personal Protective Equipment Regulation
☐ The Ecodesign for Energy-Related Products and Energy Information Regulation
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☐ Annex IV
 UK Approved Body:
 UKTE Certificate No.:

Standards: BS 11148-4


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Documents / Resources

	<p> Einhell TC-PC 45 Air Chisel Hammer [pdf] Instruction Manual TC-PC 45, TC-PC 45 Set, TC-PC 45 Air Chisel Hammer, TC-PC 45, Air Chisel Hammer, Chisel Hammer, Hammer </p>
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References

-  [Einhell Service](#)

-  [Einhell Service](#)

Manuals+.