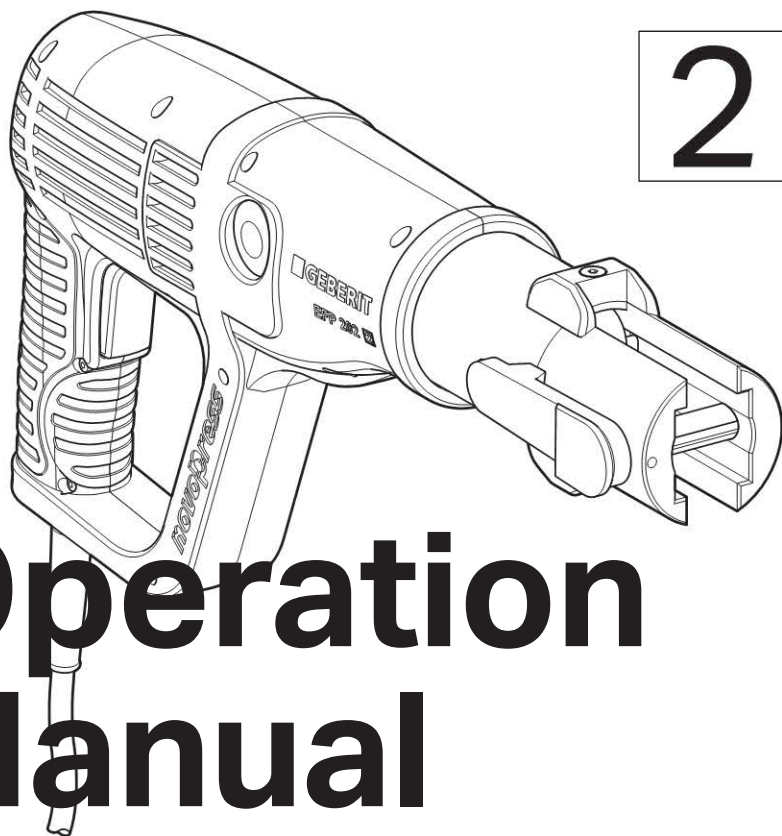


2

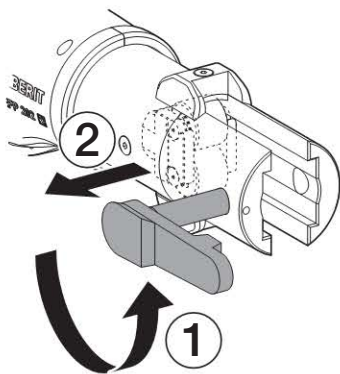


# Operation Manual

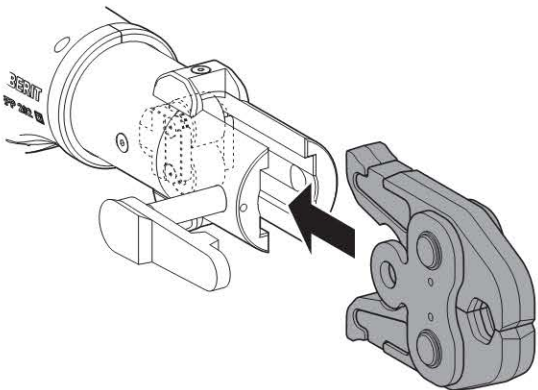
Betriebsanleitung  
Manuel d'utilisation  
Istruzioni di funzionamento

**KNOW  
HOW**  
INSTALLED

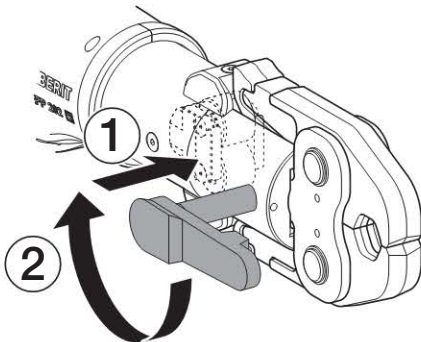
A



B



C



## Translation of the original operating instructions

# Safety


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### Target group

This tool may only be used by skilled persons in accordance with EN IEC 82079-1:2012.

### Intended use

The Geberit pressing tool EFP 202 is only allowed to be used for pressing pipes and pressfittings of the Geberit Mepla and Geberit Mapress pressing systems.

Only Geberit pressing attachments (pressing jaws, adapter jaws, pressing collars) with the compatibility mark  may be used with the EFP 202 pressing tool. The relevant overviews regarding compatibility and the maximum pressing areas can be found in the country-specific product range catalogues.

The Geberit pressing tool is not suitable for continuous operation. After 30 minutes of continuous operation, a break of at least 15 minutes must be taken to allow the pressing tool to cool.

Any other use or a use extending beyond the intended application is deemed to be improper. Geberit will not accept any liability for any resulting damage.

### Basic safety notes

#### **WARNING: Risk of injury caused by flying fragments if used incorrectly or if worn or damaged pressing attachments are used**

- Only use the pressing attachments (pressing jaws, pressing collars, adapter jaws) if they are in perfect working order
- Examine the pressing attachments regularly before and after each use for defects, particularly for incipient cracks in the pressing contour and the retaining bracket, and also for other damage. If there are cracks in the material, take the entire pressing attachment out of service immediately and do not use it again
- Do not use a pressing attachment again after it has been used incorrectly or in a way that does not comply with its intended use. Instead, hand it over to an authorised repair shop for testing
- Adhere strictly to maintenance regulations and maintenance intervals for the pressing tool and pressing attachments
- Wear suitable protective equipment (protective goggles etc.)
- Only have repair work carried out by Geberit or an authorised repair shop
- Follow the country-specific safety regulations
- Read through and note all safety notes and instructions relating to the pressing tool and pressing attachments before commissioning. Failure to observe the safety notes and instructions can lead to electric shock, fire and/or serious injuries. Store all safety notes and instructions for the future

**NOTE**

Pressing attachments (pressing jaws, pressing collars, adapter jaws) are wearing parts. Frequent pressing will cause the material to become worn; advanced stages of wear will be indicated by incipient cracks. Pressing attachments that display this kind of wear or are damaged in any other way may break, particularly if they are used incorrectly (e.g. pressing a fitting that is too large, tilting, foreign bodies on the fitting) or in a way that does not comply with their intended use.

**Explanation of symbols**

Tabelle 1: Symbols in the instructions









Symbol	Meaning
<b>WARNING</b> 	Refers to a potentially dangerous situation that may cause serious injury or death
<b>CAUTION</b> 	Refers to a potentially dangerous situation that may cause slight or moderate injury or material damage
	Refers to important information

Tabelle 2: Symbols on the product

Symbol	Meaning
	Refers to a potentially dangerous situation caused by flying fragments that may cause serious injury or death
	Read the safety notes and operating instructions before commissioning the device
	Operation of the retaining pin
	Service sticker: indicates the time of the next mandatory maintenance
	Protection class II

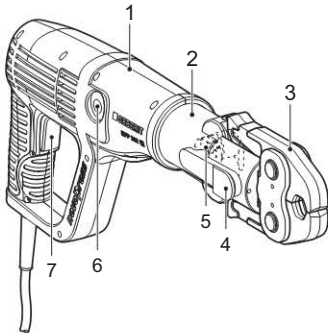
# Product description

## Structure

The Geberit pressing tool consists of:

- pressing tool incl. operating instructions
- pressing jaws or
- adapter jaws with pressing collars
- safety notes
- transport case

The equipment may vary depending on the scope of delivery.



- 1 Pressing tool
- 2 Swivelling pressing head
- 3 Pressing jaw
- 4 Retaining pin
- 5 Roller drive
- 6 Unlocking button
- 7 Start button

## Function

An automatic pressing function makes sure that the press connection is completely finished. For safety reasons, the automatic pressing function is not activated until a certain press capacity has been attained (after approx. two seconds). The pressing sequence then continues automatically. The pressing sequence can be interrupted by releasing the **start button [7]**. Pressing the **start button [7]** again causes the pressing sequence to be resumed. If the pressing sequence is interrupted, the Geberit pressing tool stops in the position that has been reached. Pressing the **unlocking button [6]** causes the piston in the pressing tool to return. The pressing tool can then be released from the pipeline.

The pressing tool functions electrohydraulically. As soon as the maximum press capacity has been attained, the hydraulic valve switches off the pressing sequence.

The pressing tool has a **swivelling pressing head [2]**. This can only be swivelled before pressing. To swivel the pressing head, hold the handle of the pressing tool and swivel the front part of the pressing cylinder.

## Technical data

Nominal voltage	110–120 / 220–240	V AC
Mains frequency	50–60	Hz
Power consumption	450	W
Protection degree	IP20	
Protection class	II	
Nominal force	32	kN
Net weight	4.1	kg
Sound pressure level at user's ear <sup>1)</sup>	78	dB(A)
Vibration emission value <sup>2)</sup>	≤ 2.5	m/s <sup>2</sup>
Operating temperature	-20 – +60	°C
Cable length	5	m

<sup>1)</sup> Measurement inaccuracy of the sound pressure level: 3 dB(A)

<sup>2)</sup> Measurement inaccuracy of the vibration emission value: 1.5 m/s<sup>2</sup>

The stated vibration emission value has been measured according to a standardised test process and can be used for comparison with another device. The stated vibration emission value can also be used for an introductory estimation of the exposure.

**Please note:** the vibration emission value can differ from the stated value during the actual use of the device, depending on the way the device is used. Depending on the actual operating conditions (intermittent operation), it may be necessary to determine safety measures to protect the operator.

## Inserting the Geberit pressing jaw or Geberit adapter jaw

### Prerequisites

Pressing tool is de-energised.



#### **WARNING**

##### **Danger of crushing by exposed parts**

- ▶ Do not hold any parts of your body or other objects in between the pressing jaws
- ▶ Keep your fingers away from the roller range if there is no pressing jaw inserted



#### **CAUTION**

##### **Damage to the device caused by incompletely locked retaining pin**

- ▶ Push the retaining pin in completely and lock it

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**1**

Rotate the retaining pin by 180° to the front and pull it out (see cover page in the front, figure A).

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**2**

Insert the pressing jaw or adapter jaw in the pressing tool (see cover page in the front, figure B).

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**3**

Push the retaining pin in until the stop position is reached and rotate it by 180° to the rear (see cover page in the front, figure C).

## Pressing with Geberit pressing attachments

### Prerequisites

- Pipe ends are deburred and clean
- Pipe and pressfitting have been fitted together in accordance with the piping system installation manual



#### **WARNING**

##### **Risk of injury caused by flying fragments if used incorrectly or if worn or damaged pressing attachments are used**

- ▶ Only use the pressing attachments if they are in perfect working order (see the basic safety notes)
- ▶ Make sure that the diameter of the pressfitting matches the diameter of the pressing attachment
- ▶ Do not tilt the pressing attachment on the pressfitting
- ▶ Clean away any dirt, chips or the like between the pressing attachment and the pressfitting
- ▶ If the pressing attachments have been used incorrectly, or in a way that does not comply with their intended use, do not continue to use them and have them examined by an authorised repair shop
- ▶ Wear suitable protective equipment (protective goggles etc.)



Pressing attachments (pressing jaws, adapter jaws, pressing collars) are wearing parts. Frequent pressing will cause the material to become worn; advanced stages of wear will be indicated by incipient cracks. Pressing attachments that display this kind of wear or are damaged in any other way may break, particularly if they are used incorrectly (e.g. pressing a fitting that is too large, tilting, foreign bodies on the fitting) or in a way that does not comply with their intended use.



#### **WARNING**

##### **Danger of crushing when the pressing tool closes automatically**

- ▶ Do not hold any parts of your body or other objects in between the pressing jaws and adapter jaws
- ▶ Do not hold the pressing tool in the area of the pressing jaws or adapter jaws



#### **CAUTION**

##### **Damage to the device caused by continuous operation**

- ▶ Allow the pressing tool to cool for at least 15 minutes after 30 minutes of continuous operation



The procedure for pressing depends on the type of pressing attachment and is described in detail in the user manual of the relevant system.



- 
- 1** Make sure that the diameter of the pressfitting matches the diameter of the pressing attachment.
  - 2** Connect the pressing tool to the power supply system.
  - 3** To start the pressing sequence, press and hold the start button.
- 

**Result**

The hydraulic valve switches off the pressing sequence after the pressing operation has been completed. The end of the pressing sequence is indicated by an increase in the motor speed and relief of the pressing tool.

## Troubleshooting before the pressing sequence

Fault	Cause	Actions
Pressing tool cannot be started	Mains cable is not connected	► Connect the mains plug to the power supply system
	Mains cable or mains plug is defective	► Have the mains cable and mains plug examined at an authorised repair shop and replaced if necessary <sup>1)</sup>

1) The addresses of authorised repair shops can be requested from the Geberit sales companies or found at [www.geberit.com](http://www.geberit.com)

## Troubleshooting during the pressing sequence

Fault	Cause	Actions
Pressing tool stops moving	Power failure	► Release start button ► Examine the pressfitting for tightness and repeat the pressing operation if necessary

## Maintenance regulations



For safety reasons, it is absolutely essential to observe the following maintenance intervals and perform the maintenance work described. The same applies to the mandatory maintenance rules for the pressing attachments.

A service sticker on the pressing tool indicates the time of the next mandatory maintenance.

The pressing tool must always be taken for maintenance together with the pressing attachments in its transport case.

Maintenance work and repair work may only be carried out by Novopress or authorised Novopress repair shops.

For addresses of authorised repair shops, contact your Geberit sales company or visit [www.geberit.com](http://www.geberit.com).

Interval	Maintenance work
Regularly (before use, at the start of the working day)	<ul style="list-style-type: none"> <li>• Examine the pressing tool and mains cable for externally visible defects and damage that could affect safety</li> <li>• Clean and lubricate the pressing tool</li> <li>• Clean pressing attachments and check for defects (particularly cracks in the material)</li> <li>• Lubricate pressing attachments; see user manual of the respective system</li> </ul>
Every six months	<ul style="list-style-type: none"> <li>• Have an authorised repair shop perform a metrological measurement in order to establish any safety-related defects or damage. However, this metrological measurement does not replace any country-specific regulations and legislation that might prescribe further checks and maintenance work</li> </ul>
After 40 000 pressing operations or after two years at the latest	<ul style="list-style-type: none"> <li>• Have an authorised repair shop examine the press capacity and the state of wear</li> </ul>

# Cleaning and lubricating the Geberit pressing tool

## Prerequisites

Pressing tool is de-energised.



### WARNING

#### **Risk of injury from switching on inadvertently**

- ▶ Disconnect the mains plug before starting any maintenance work on the pressing tool



### CAUTION

#### **Damage to the device from dampness or moisture**

- ▶ Never immerse the pressing tool in water or other liquids

- 1** Clean the roller drive and retaining pin of the pressing tool.
- 2** Use compressed air or a brush to remove dirt.
- 3** Use BRUNOX® Turbo-Spray® or equivalent to lubricate the roller drive, its guide and the retaining pin (see cover page in the back, figure D).
- 4** Wipe off any excess lubricant.

## Disposal

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### Constituents

This product meets the requirements of Directive 2011/65/EU RoHS (restriction of the use of certain hazardous substances in electrical and electronic equipment).

### Disposal of waste electrical and electronic equipment



In accordance with Directive 2012/19/EU (WEEE-II), manufacturers of electrical equipment are obliged to take back old equipment and to dispose of it appropriately.

The symbol indicates that the product cannot be disposed of with non-recyclable waste. Old equipment should be returned directly to Geberit, where it will be disposed of appropriately. Please contact your responsible Geberit sales company for addresses to which equipment can be returned.

# Conformity

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## EC declaration of conformity in accordance with directives 2004/108/EC and 2006/42/EC

We hereby declare that the Geberit pressing tool EFP 202 meets the relevant basic health and safety requirements as a result of its design and construction type as well as the version that we have put on the market.

If the pressing tool is used improperly or modified without our permission, this declaration becomes invalid.

Applied standards:

- EN 55014-1
- EN 55014-2
- EN 60745-1
- EN ISO 14121-1
- EN ISO 12100-1
- EN ISO 12100-2



21.08.2013, Dr. F. Klaiber,  
Managing Director



21.08.2013, G. Taubert,  
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