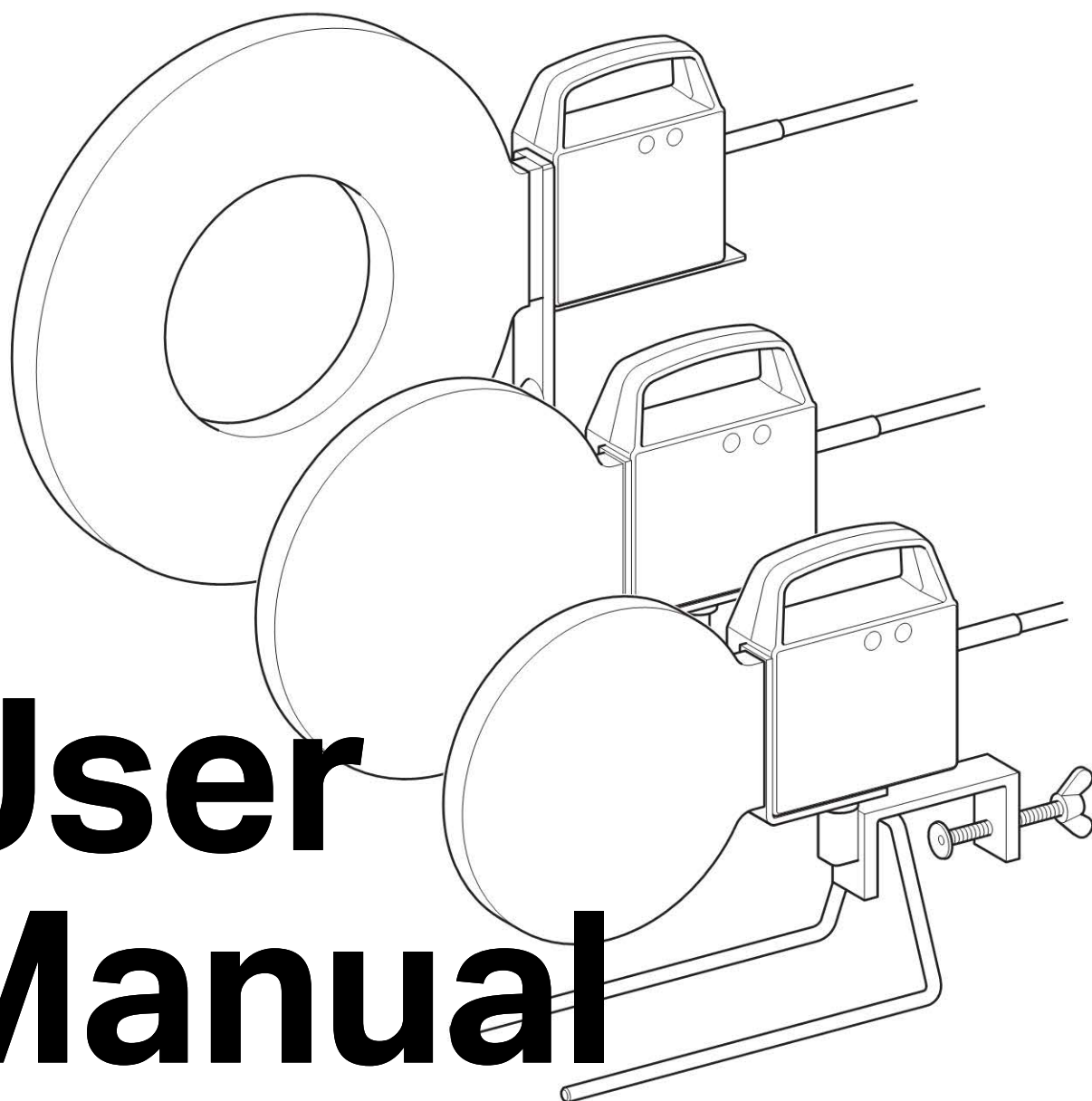


Geberit KSS-160
Geberit KSS-200
Geberit KSS-315

■ GEBERIT



User Manual

Bedienungsanleitung
Mode d'emploi
Istruzioni per l'uso



Safety

Basic safety notes

- Read through the operating instructions before commissioning the tool and follow the instructions they contain to the letter
- Keep the operating instructions together with the tool for future reference
- Follow the country-specific safety regulations
- Provide mains fuse protection using a residual current protective device. Country-specific safety regulations must be observed in this respect
- This device may be used by children aged 8 years and up as well as persons with reduced physical, sensory or mental capabilities or lack of experience with and knowledge about the device, provided that they are supervised or taught how to use the device safely and that they understand the hazards that may result from this. Children must not play with the device. Children must not carry out cleaning or user maintenance without supervision (in accordance with EN 60335-1)

Workplace safety

- Only use the welding plate in well-ventilated areas
- Do not use the welding plate close to highly inflammable fluids or in explosive gas or dust atmospheres
- Do not store combustible materials within 1 m of the welding plate
- Keep the working area clean and tidy
- Adequately illuminate the working area
- Keep children and unauthorized persons away from the workplace during operation of the welding plate
- Avoid having suspended objects in the working area

Electrical safety

- Before using, always check the welding plate, mains connection cable and mains plug for damage and proper operability
- Do not touch damaged mains connection cables or mains plugs. Have them replaced immediately by an electrically skilled person
- Do not weld wet or water-filled pipes
- Protect the tool against moisture
- Disconnect the mains plug during any work that is not part of the welding process
- Avoid contact between the mains cable and the hot welding plate
- Have electrical equipment checked according to local regulations

Personal safety

- Fix the welding plate to a flat, solid substructure
- Only use the welding plate in weather-proofed places
- Only use the welding plate if it is in perfect working order
- Store the welding plate in a locked room out of the reach of children
- Do not use the welding plate if tired or under the influence of alcohol, drugs or medications
- Do not leave the welding plate unattended
- Only replace damaged parts with original Geberit spare parts
- Wear non-slip safety shoes
- Tie up baggy or loose clothing
- Keep long hair in place with a hair net

Maintenance of the electric tool

- Store the welding plate in a dry room
- Clean the welding plate regularly and check its operability
- Clean dirty welding plate when slightly warm, using a clean, dry cloth
- Do not use fluids for cleaning
- Do not use steel wool or other similar products when cleaning
- Have any malfunctions and damage to the welding plate repaired immediately by Geberit or an authorized repair shop

Intended use

The Geberit welding plates KSS-160, KSS-200 and KSS-315 may be used for butt-welding connections of Geberit PE and Geberit Silent-db20 pipes and fittings only:

- Geberit KSS-160 for Geberit PE and Geberit Silent-db20 \varnothing 32–160 mm
- Geberit KSS-200 for Geberit PE and Geberit Silent-db20 \varnothing 32–200 mm
- Geberit KSS-315 for Geberit PE \varnothing 200–315 mm

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

Target group

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

Explanation of symbols

Table 1: Symbols in the instructions





Symbol	Meaning
WARNING 	Refers to a potentially dangerous situation that may cause serious injury or death
	Refers to important information

Table 2: Symbols on the product

Symbol	Meaning
	Danger of fatal electric shock
	Risk of burns from hot welding plate

Product description

Technical data

Table 3: Geberit welding plate KSS-160

Designation	Value
Nominal voltage	230 V / 120 V
Mains frequency	50 Hz
Power consumption	630 W
Protection degree	IP20
Protection class	I
Net weight	4 kg
Operating temperature	-10 – +50 °C
Storage temperature	-20 – +60 °C

Table 4: Geberit welding plate KSS-200

Designation	Value
Nominal voltage	230 V / 120 V
Mains frequency	50 Hz
Power consumption	800 W
Protection degree	IP20
Protection class	I
Net weight	5 kg
Operating temperature	-10 – +50 °C
Storage temperature	-20 – +60 °C

Table 5: Geberit welding plate KSS-315

Designation	Value
Nominal voltage	230 V
Mains frequency	50 Hz
Power consumption	1300 W
Protection degree	IP20
Protection class	I
Net weight	6 kg
Operating temperature	-10 – +50 °C
Storage temperature	-20 – +60 °C

Operation

Welding Geberit PE and Geberit Silent-db20 pipes and fittings



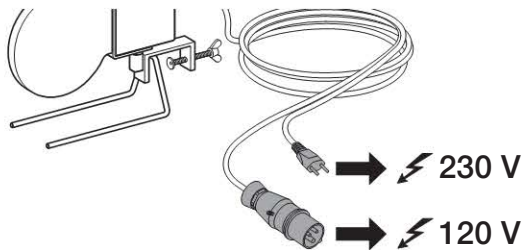
WARNING

Risk of injury from burns

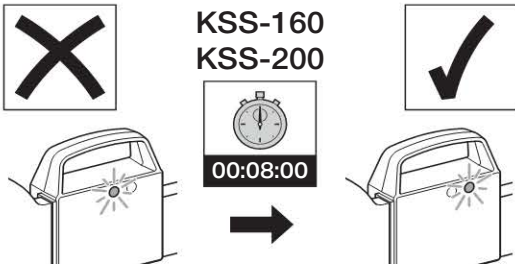
- ▶ Do not touch the welding plate during operation or during the cooling-down phase.
- ▶ Insert the welding plate into the provided stand during breaks in work.

1

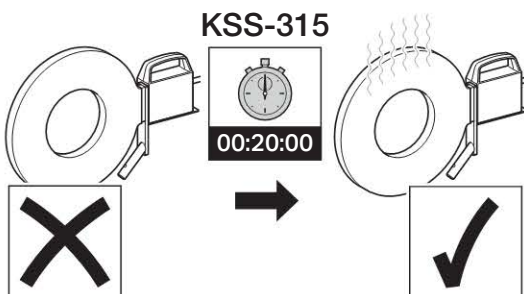
Connect the mains plug to the power supply system.



Geberit welding plate KSS-160/KSS-200: the red signal lamp lights up during the heat-up phase. Once the welding temperature has been reached (after approx. 8 minutes), the green signal lamp lights up.

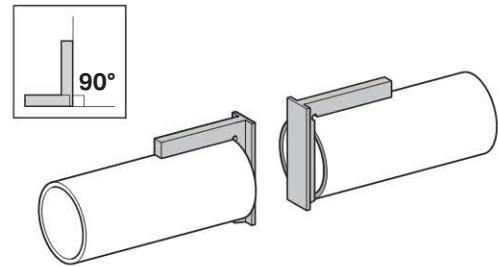


Geberit welding plate KSS-315: the heat-up phase is monitored by the built-in temperature regulator. The welding temperature is reached after approx. 20 minutes of heating.



2

Cut the pipes or fittings to length at a right angle.

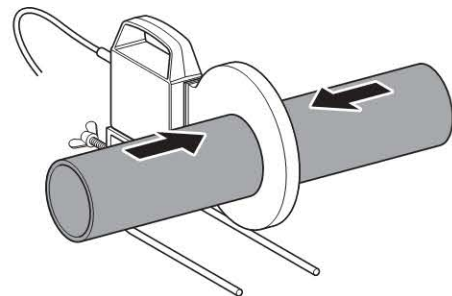


Heating the pipes or fittings:

- \varnothing 32 mm only possible by manual actuation
- \varnothing 40–75 mm possible by manual actuation or with the welding machine
- \varnothing 90–315 mm only possible with the welding machine

3

Heat pipes or fittings by pressing the side to be welded against the welding plate with the required contact pressure.

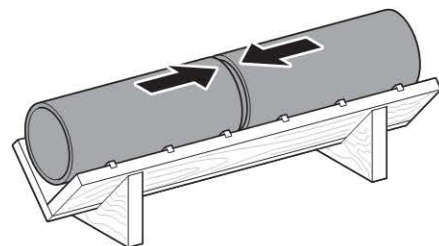


Connecting the pipes or fittings:

- \varnothing 32 mm only possible on the jointing guide
- \varnothing 40–75 mm possible on the jointing guide or with the welding machine
- \varnothing 90–315 mm only possible with the welding machine

4

To achieve a high-tensile joint between pipes and fittings, apply even pressure to bond the pipes or fittings together.



Maintenance

Maintenance regulations

i Should repair be necessary, the complete welding plate must be sent for repair in a suitable transport container. Repair work may only be performed by authorized repair shops. The addresses of authorised repair shops can be requested from the Geberit sales companies or found on www.geberit.com.

Interval	Maintenance work
Regularly (before use, at the start of the working day)	Examine the welding plate for externally visible defects and damage.
	Clean the welding plate.

Disposal

Materials

This product meets the requirements of Directive 2002/95/EC RoHS (Restriction of Hazardous Substances in electrical and electronic equipment).

Disposal of old electrical and electronic equipment



In accordance with Directive 2002/96/EC WEEE on waste electrical and electronic equipment, manufacturers of electrical equipment are obliged to take back old equipment and to dispose of it correctly. 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 or visit www.geberit.com for addresses to which equipment can be returned.

EC declaration of conformity

We hereby declare that the Geberit welding plates meet the relevant basic health and safety requirements as a result of their design and construction type as well as the version that we have put on the market.

If the welding plates are used improperly or are modified without the permission of Geberit, this declaration becomes invalid.

Directives taken into account:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC

Applied standards:

- EN 55014-1:06+A1:09+A2:11
- EN 55014-2:97+A1:01+A2:08
- EN 50366:03+A1:06
- EN 62233:08
- EN 61000-3-2:06+A1:09+A2:09
- EN 61000-3-3:08
- EN 60355:12
- EN 60355-2-45:02+A1:09+A2:12



21.08.2013, Dr. F. Klaiber, Managing Director



21.08.2013, G. Taubert,
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