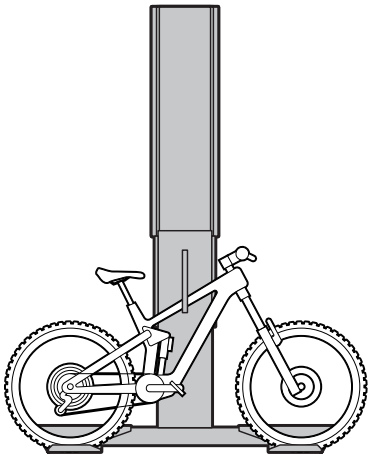
bikeLIFT by GEIGER

GEIGER BIKELIFT



EN **Original assembly and operating instructions** **EN**

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Dear Customer,

We thank you for choosing the GEIGER BIKELIFT, a quality product from our company!

1. Supplied items

1 x BIKELIFT housing incl. cable, control button, and Schuko plug

1 x length-adjustable hook for securing the bicycle or e-bike

2 x wheel mounts for stabilizing and securing the tires

1 x square profile for attaching the wheel mounts

2 x T-slot nuts

2 x wing screws for fastening the T-slot nuts in the square profile

1 x wall mount

2 x Torx screws for securing the wall mount to the body

4 x M8 wall plugs

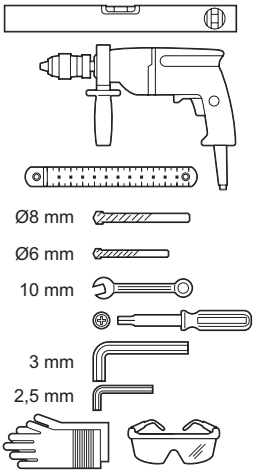
4 x M8 screws for concrete or stone surfaces

2 x Ø6 wall plugs for button holder

2 x Phillips screws for button holder.

2. Required tools for assembly

- (Hammer) drill
- Suitable drill bit Ø8 mm
- Cordless screwdriver or manual screwdriver
- Allen key
- Spirit level
- Personal protective equipment, especially protective gloves and safety glasses



3. About these instructions

This manual is an **original operating manual** in accordance with EC Directive 2006/42/EC. Please read the manual carefully and thoroughly. It contains important information about the product. Please observe the instructions and in particular follow the safety and warning notices.

Please keep the manual in a safe place and ensure that it is always available and can be consulted by the person using the GEIGER BIKELIFT.

Warning notices used The general warning symbol indicates a hazard that may result in injury or death. In the text section, the general warning symbol is used in conjunction with the following warning levels. In the illustration section, an additional note refers to the explanations in the text section.

⚠ WARNING

Indicates a hazard that may result in death or serious injury.

⚠ CAUTION

Indicates a hazard that may result in minor or moderate injuries.

⚠ NOTICE

Indicates a hazard that may result in damage to or destruction of the product.

4. Safety instructions

⚠ CAUTION

IMPORTANT SAFETY INSTRUCTIONS.

FOR THE SAFETY OF PERSONS, IT IS IMPORTANT TO FOLLOW THESE INSTRUCTIONS. THESE INSTRUCTIONS MUST BE RETAINED.

4.1. Intended use

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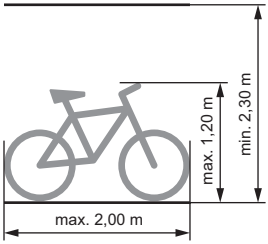
The BIKELIFT has been specially developed for the space-saving and convenient storage of bicycles and e-bikes in enclosed spaces. It is intended exclusively for **private use**. With a load capacity of up to 30 kg, it is ideally suited for storing your bicycle safely and conveniently. An electric motor performs the movement – ideal for garages or basement rooms with an electrical connection. The GEIGER BIKELIFT is not suitable for outdoor use or use in carports.

⚠ Special notes

The bicycle lift is intended for storing one bicycle or e-bike with a maximum weight of **30** kg.

The internal height of the garage or installation site of the GEIGER BIKELIFT must be at least **2.30 m**.



Use as a lifting device for other objects or persons, as well as as an assembly stand for maintenance work, is expressly prohibited.

Generally suitable bicycles: models with frame sizes XS to XXL and tires between 24 and 29 inches with a length of up to 2.00 m.

⚠ Important note

E-bikes with both the battery and motor installed in the rear are not suitable for the GEIGER BIKELIFT. The center of gravity results in a very unbalanced load for which the lift is not designed. Failure to observe this may result in injuries due to uncontrolled movements of the rear-heavy e-bike!

The maximum height of bicycles or e-bikes moved with the GEIGER BIKELIFT is **1.20 m** (measured from the floor to the highest point, which is usually the handlebar).

Attachments such as baskets, child seats, or luggage racks on the bicycle must be removed before using the GEIGER BIKELIFT, as they may pose a safety risk.

It is strictly prohibited to transport other objects, persons, or loads with the bicycle lift.

4.2. Improper use

The bicycle lift must not be technically modified, as this may lead to malfunctions and compromise safety.

Improper use of the bicycle lift (e.g., use with multiple bicycles or for other objects) may result in damage or hazards, such as damage to the lift and the bicycle, and injuries to the user or other persons. Furthermore, the warranty claim will be void.

4.3. Safety instructions for assembly, maintenance, repair, and disassembly

⚠ Risk of crushing

There is a risk of crushing hands and fingers when lifting and positioning the components. Please wear protective gloves.

⚠ Risk of impact and falling

Improper attachment to an unsuitable wall may cause the lift or the bicycle to fall. Please check the load-bearing capacity of the wall/ceiling. Please use only suitable mounting materials.

⚠ Risk of electric shock

Please ensure that no electrical cables or pipes are damaged during drilling. Please use a cable detector.

Installation must only be carried out by persons with sufficient knowledge and manual skills.

Please work in pairs to safely handle the heavy parts (approx. 30 kg including packaging)

Please keep children and unauthorized persons away from the assembly area.

The wall or ceiling must be made of stable materials such as concrete or solid wood. Plasterboard walls are unsuitable.

Please ensure that the **installation site is free of obstacles** and that there is sufficient space for the travel path (including the length of the bicycle).

The lift must be installed exactly according to the instructions in the installation manual.

The installation height must be strictly observed.

Improper installation may result in serious damage to the lift, the bicycle, the ceiling, or the floor, as well as injuries.

4.4. Safety instructions for commissioning and operation

⚠ Attention

Improper use of the bicycle lift may result in serious injuries and property damage.

⚠ Important note

The bicycle lift may only be opened by qualified personnel.

⚠ Note on visual inspections

Before each use, please carry out a visual inspection to ensure that all fastening elements are securely in place and the bicycle is correctly fixed.

The lift may only be operated at a properly installed socket outlet (230 V).

Damaged cables or plugs must not be used. In such cases, please immediately unplug the power cord and contact customer service.

The bicycle lift must not be cleaned with water or high pressure to avoid the risk of electric shock.

4.5. Notes on the disposal of packaging material

For environmental protection, please dispose of the packaging material of the bicycle lift in an environmentally friendly manner. Please observe the following notes:

Cardboard packaging: The cardboard can be recycled with waste paper.

Plastic films and foams: These materials must be disposed of at the designated collection points (e.g., recycling center or yellow bag).

Metal parts: If the packaging contains metal components (e.g., clips or brackets), please dispose of them in the appropriate recycling containers.

Note on the return of packaging material:

We offer you the opportunity to return transport packaging if it cannot be disposed of through conventional recycling channels. Please contact our customer service at [contact information] to arrange the return.

The packaging can be reused for storing spare parts or as protection during transport.

Please observe the regional regulations on waste separation and contact your local disposal facility if you have any questions.

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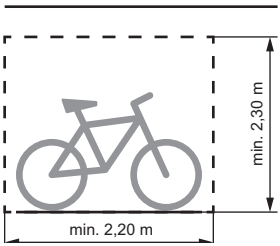
5. Installation

5.1. Required clearance

Please ensure that there is sufficient space at the installation site of the GEIGER BIKELIFT to move a bicycle or e-bike up or down safely and without collisions.

- Width at least 2.20 m (10 cm clearance on the left and right next to the largest approved bicycle with a length of 2.00 m)
- Total height from floor to ceiling, at least 2.30 m internal height (see "Intended Use").



5.2. Assembly

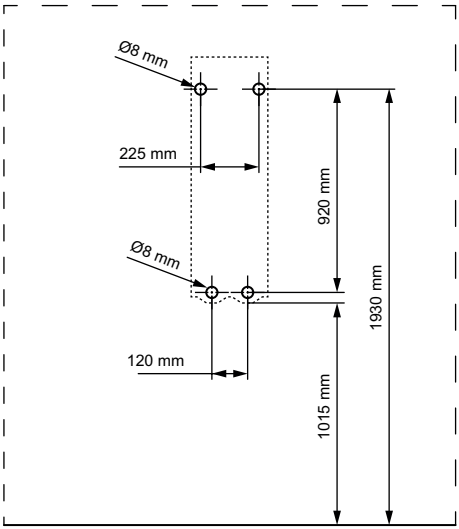
Please ensure that the installation of the bicycle lift is **professionally** carried out. Improper installation may impair the safety and function of the product.

Proceed step by step as follows when assembling the bicycle lift to ensure a safe and correct installation:

- Open the box carefully to avoid damaging the components.
- Remove the individual components and place them on a flat, dust-free surface that will not damage the parts.
- Check the completeness of the components (see "Supplied Items").
- Read the assembly and operating instructions in full, especially the safety instructions.
- **Space check:** Ensure that the installation area is free of obstacles and provides sufficient space for the movement of the bicycle.
- **Cable check:** Check the wall or ceiling for electrical cables or pipes to avoid damage. If necessary, use a cable detector.
- **Work area:** Ensure a well-lit and safe work area that is free of objects that could hinder assembly.

1. Determine the installation position:

- Mark the upper drill holes for the housing on the wall according to the sketch and dimensions in the adjacent illustration.
- The position of the lower drill holes is determined by the bracket.
- The lower edge of the housing should be exactly 1015 mm above the garage floor. This ensures that with a recommended garage height of at least 2.30 m, almost all standard bicycles and e-bikes with the described dimensions (see "Intended Use") can be used.



⚠ Important note

If the garage height is less than 2.30 m, the bicycle lift is **only usable with limitations**. Deviations from the installation position may cause damage to the bicycle lift, the bicycle, as well as the ceiling and floor of the garage.

- For safety reasons, the assembly of the bicycle lift should be carried out by two persons. Otherwise, the high weight of approximately 25 kg and the uneven center of gravity of the housing could lead to injuries.
- Tighten all screws securely and check the stability of the construction.

- If you are unsure about the fastening or the load-bearing capacity of the wall, seek professional assistance.

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2. Mark and drill the holes:

- Use the specified measurements and mark the drill holes.
- Drill the holes using a drill bit suitable for the wall. See "Supplied Items" and "Required Tools" for assembly.

3. Mount the wall bracket:

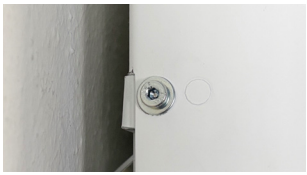
- Attach the wall brackets using suitable fasteners.
- Ensure that the bracket is mounted exactly horizontally.
- Drill the lower holes through the two holes in the wall bracket.
- Insert the spacers between the wall and the wall bracket and tighten the screws through the spacers.

4. Mount the housing:

- Lift the housing with two persons.
- Guide the cable hanging out of the housing over the top of the housing and let it hang down at the front so that it cannot be pinched between the housing and the wall.
- Securely hang the housing into the wall bracket.

5. Attach the locking screws:

- Screw in the locking screws on the left and right sides of the upper wall bracket.



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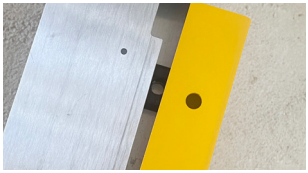
6. Mount the wheel holders on the left and right of the square profile:

- Pick up the square profile made of aluminum.
- Place the two T-slot nuts, with the guides facing the slots, into the recesses.

- Now place the left orange wheel holder ("shoe") onto the square profile and slide it towards the center until you can see the nut of the T-slot nut through the hole in the wheel holder.
- Attach the wheel holder with one of the two wing screws so that it is firmly connected to the square profile.
- Repeat the steps in the same way for the right wheel holder.

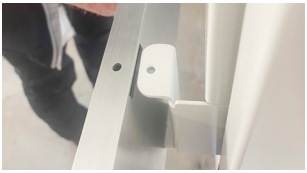


Note on the surface

Our rail consists of an untreated aluminum profile. Minor scratches or small irregularities are typical of the material, do not affect the function, and do not constitute grounds for complaint.

7. Attach the square profile with both mounted wheel holders to the BIKELIFT housing:

- Before attaching the rail to the housing, remove the two cable ties that are used to secure the chain.



- Hold the square profile with both wheel holders centered to the BIKELIFT housing so that the holes for the screws on the left and right are aligned. Insert the square profile with the recesses provided for fastening onto the support brackets. If necessary, involve a second person to make it easier to carry out the work steps.

- Screw in the enclosed screws on the left and right from above using an Allen key, but do not tighten them yet. Repeat the process for the screws located at the bottom.
- Now tighten the screws at the top and bottom until the square profile is securely connected to the BIKELIFT body.

8. Mount and adjust the retaining hook:

- Mount the retaining hook onto the central universal joint and secure it with the safety clip.

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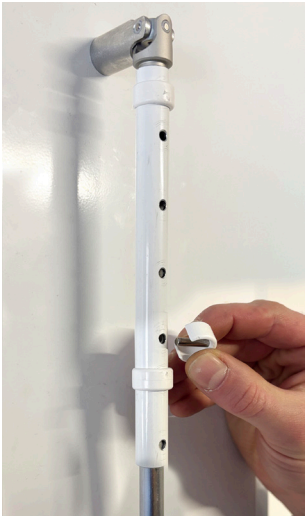
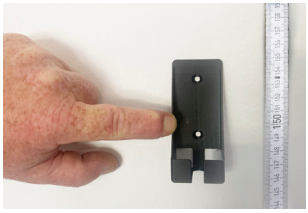
- Adjust the length of the retaining hook by removing the second safety clip and reinserting the clip.



9. Install cable and switch:

- Route the cable properly to the side where the socket is located. The cable must be routed approximately 1.20 m along the wall to the left or right before running down to the socket.
- Attach the mounting plate for the switch at a height of approximately 1.50 m using suitable fastening material.



- Ensure that the switch is properly aligned and that the writing on the cable is correctly oriented.
- Insert the switch into the holder until it clicks into place. Important note: Route the cable in such a way that it cannot come into contact with the bicycle lift or the bicycle under any circumstances, for example by using a cable duct.

5.3. Troubleshooting during assembly

If problems occur during installation, please observe the following instructions to resolve them:

1. **The wall brackets are not level: Problem:** After fastening, the brackets are crooked, which may impair the safe operation of the bicycle lift. **Solution:** Carefully loosen the screws, align the brackets with a spirit level, and retighten the screws.
2. **The cable is too short or interferes with installation: Problem:** The cable is in the way or does not reach the intended socket.**Solution:** Ensure that the cable is properly routed along the wall and does not come into contact with the lift. Extension cables should only be used if they comply with safety regulations.
3. **The drilled holes do not fit: Problem:** The drilled holes do not match the intended positions. **Solution:** Check the markings against the drawing in the section “Determine mounting position” and drill in the correct places. Incorrect holes should be filled with suitable materials (e.g., filler).
4. **The body cannot be hooked in Problem:** The body is not seated correctly in the wall brackets. **Solution:** Check whether the wall brackets are correctly fastened and the body fits into the designated brackets. Always work in pairs to safely position the body.

If you have any uncertainties or persistent problems, please contact our application engineering department; see the contact details on the back of this manual.

6. Commissioning

6.1. Notes

The following steps must be taken before commissioning …

- Ensure that the area around the GEIGER BIKELIFT is completely clear (see “Required clearance”).
- Check whether the body is firmly attached to the wall.

6.2. Electrical connection

Once the Schuko plug is inserted, the GEIGER BIKELIFT is ready for operation.

6.3. Upper and lower end position

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The GEIGER BIKELIFT is fully preconfigured. Both the lower and upper end positions are already set at the factory. Please be sure to observe the installation height (see “Required clearance”).

6.4. Control button

For safety reasons, a control button (dead man's switch) has been installed. This ensures that the operator has direct visual contact with the bicycle or e-bike when it is being raised or lowered. Modification of the switch is not permitted; this also applies to the installation of a remote control, as this would contradict the implemented safety concept.

7. Operation

⚠ Important notes

The operating area must be free of people, animals, or obstacles throughout the entire process.

Use only bicycles or e-bikes for the GEIGER BIKELIFT that comply with the specifications in (see “Intended use”). Bicycles or e-bikes with deviating dimensions may cause damage to the lift, the bicycle, or the garage ceiling. Heavily rear-weighted e-bikes are not suitable; see “Intended use” for further information).

Ensure that the bicycle is securely fastened by the hook. To do this, adjust the length of the hook according to the geometry and size of the bicycle or e-bike. For so-called low-entry bicycles, use the hook to secure the bicycle at the seat post.

Position the pedals of the bicycle or e-bike horizontally to avoid contact with the body. Ideally, the inner pedal facing the body should be in the upper position and positioned directly in front of the lower cover.

Align the bicycle or e-bike on the BIKELIFT. The center of gravity of the bicycle or e-bike should be positioned approximately in the middle of the lifting device by adjusting the two wheel holders. This ensures that the operation runs as smoothly as possible. If the center of gravity is located more towards the rear, secure the corresponding wheel holder as close as possible to the body using the wing screw. However, adjust the wheel holder for the front part of the bicycle as far away from the body as possible. Afterwards, check whether there is still sufficient distance to objects near the BIKELIFT.

Before operation, ensure that the bicycle is securely fixed in the hooks and wheel holders.

Press and hold the control button continuously during the entire operation. For safety reasons, the lift stops immediately as soon as you release the button.

If obstacles block the lift or make the bicycle unstable, **operation must be stopped immediately**.

Visual contact with the lift is required throughout the entire movement process in order to identify potential risks.

Risk of tripping: Ensure that no parts of the lift or bicycle are on the floor that could pose a tripping hazard.

Regular visual inspection: Before each use, check that there are no visible damages to the mechanism, hooks, or cables.

7.1. Instruct user

Instruct all persons using the GEIGER BIKELIFT in the proper and safe operation.

7.2. Empty run

Familiarize yourself with the BIKELIFT by pressing the "Down" button to move the lift downwards without load until both wheel holders touch the floor. The BIKELIFT will now switch off automatically. Now, without load, press the "Up" button to move upwards until the BIKELIFT reaches its upper end position and switches off automatically. During operation, check whether the lift moves up and down smoothly without abnormal noises.

If the test run without load was completed without any irregularities, you may begin using the device. Otherwise, please contact GEIGER Application Technology; see the contact details on the back of this manual.

7.3. Use of the GEIGER BIKELIFT

Before each use, carry out a visual inspection to ensure that all components are in perfect condition.

1. Preparations
During operation, ensure that there is sufficient distance between the operator and the moving parts (bicycle or e-bike, all moving parts of the lift).

Opening the lift by unauthorized personnel is prohibited, as this may lead to damage and safety risks.

The operating area of the bicycle lift must always be free of obstacles and persons during operation.

Never reach into the lift or drive against stationary objects during upward or downward movement!

*Check: Section 5.1 "Notes" and 5.4 "Use of the GEIGER BIKELIFT" currently contain overlapping text passages. Ideally, list only once.

2. Hang up the bicycle
Position the bicycle so that the hook can be securely attached under the frame (e.g., top tube).

Ensure that the tires of the bicycle are securely positioned in the wheel holders.

Check that the bicycle is stable and securely fastened before moving the lift.

Note: Position the pedals horizontally to avoid contact with the body or other components.

3. Set the lift in motion
Hold down the control button to move the lift up or down. Release the switch and the lift will stop immediately.

4. Set the parking position
Move the lift so that the bicycle is securely and space-savingly fixed at the desired height. As soon as the bicycle reaches the upper or lower end position, the BIKELIFT stops automatically.

Ensure that the bicycle is hanging stably and that no parts of the bicycle can touch the wall or the lift.

5. After use
Ensure that the lift is completely stopped and the bicycle is hanging securely.

Do not remove any parts (e.g., hooks or wheel holders) while the bicycle is still hanging in the lift.

Improper installation of the bicycle lift can lead to serious damage or injury. If you are unsure, please consult a specialist or contact our customer service.

7.4. Measures in case of problems

In the event of technical problems or malfunctions, the bicycle lift must be taken out of service immediately.

Contact application engineering or the manufacturer's customer service if the malfunction cannot be resolved.

Repairs may only be carried out by authorized specialist personnel.

Do not open the housing or the button independently, as this may compromise the safety of the device and void any warranty claims.

Problem	Potential Cause / Solution
Lift does not move	**Cable connection interrupted or defective.** Please check whether the power cable is plugged in and whether there is any visible damage to the cable. If visible damage is present, please contact the manufacturer. Unplug the power cord and follow the manufacturer's instructions. **Motor overheated.** After repeated operation of the BIKELIFT, the motor heats up and the thermal protection is activated. Allow the motor to cool down and try again after a break.
Bicycle moves up or down unevenly	**The center of gravity of the bicycle is unevenly distributed (e.g., due to a rear motor).** Please check the correct positioning of the bicycle in the wheel mounts and the hook. Please ensure an even weight distribution.
Lift stops at obstacle	**Obstacle detected in the operating area.** Please remove obstacles from the operating area. Then operate the control switch again.
Lift stops for no apparent reason	**Drive unit defective.** Please contact the manufacturer. Carefully remove any bicycle that may be in the lift with at least two people. The bicycle must be secured by at least one person to prevent it from falling when the hook is released. Caution: Risk of injury due to the high weight!
Bicycle falls out of the lift	**Hook or wheel mounts not properly secured.** Before operation, please check that the hook is securely engaged and the wheel mounts are stable. If necessary, use additional straps for securing
Unusual noises during operation.	**Mechanical parts are worn or damaged.** Stop operation and contact the manufacturer. Do not continue to use the lift until the cause has been clarified.

8. Inspection and maintenance

8.1. Notes

The bicycle lift is designed for a service life of 10 years, with a planned use of 5,000 cycles (50% of which under load).

The device is maintenance-free thanks to permanent lubrication, which ensures safe operation under normal use. Should maintenance or repair work nevertheless become necessary, it may only be carried out by authorized specialist personnel.

8.2. Visual inspection

Please check at least every 6 months

- the secure fit of all screws and fastening points, especially at the universal joint of the mounting hook.
- the condition of the hook and the wheel mounts for wear or damage.
- the clip of the mounting hook for complete engagement and secure fit.

Please ensure that the device is free from visible damage to the mechanics and cables.

8.3. Maintenance and cleaning

The GEIGER BIKELIFT is maintenance-free.

Do not use aggressive chemicals for cleaning, but only a slightly damp cloth.

Do not use **high-pressure cleaners or water jets** in order to avoid damage to electrical components.

When cleaning, please wear protective gloves to avoid abrasions on your hands or arms.

The bicycle lift is maintenance-free. Nevertheless, please regularly check all screws and fastening points to ensure they are secure.

9. Disassembly and disposal

⚠ Note

Please observe all applicable occupational safety regulations during disassembly.

Please have the BIKELIFT dismantled by a qualified person in accordance with these instructions, in reverse order, and disposed of properly.

10. Warranty conditions

Scope of warranty:

The manufacturer guarantees the proper functioning of the [Product Name] bicycle lift for a period of two years from the date of purchase, provided that the product has been used in accordance with the instructions in this operating manual.

Warranty claims:

The warranty covers material and workmanship defects that occur during the warranty period. Repairs or replacement of defective parts will be carried out free of charge, provided the warranty conditions are met.

Exclusions:

- Damage resulting from improper use, incorrect installation, or disregard of the instructions.
- Damage caused by unauthorized modifications or repairs carried out by non-authorized personnel.
- Wear parts that have become worn through normal use.

11. Declaration of conformity

Note on the Declaration of Conformity

The GEIGER BIKELIFT meets the requirements of the relevant European directives and standards, including the Machinery Directive 2006/42/EC, the EMC Directive 2014/30/EU, and the RoHS Directive 2011/65/EU.

Note:

The complete Declaration of Conformity is available and can be requested from the manufacturer upon request. Please contact us using the contact details provided below.

CE marking

The bicycle lift bears the CE marking, which is affixed to the BIKELIFT in a clearly visible and permanent manner.

The CE marking confirms compliance with the relevant EU directives and guarantees the safety and functionality of the product.

GEIGER
ANTRIEBSTECHNIK

EU Declaration of Conformity

Gerhard Geiger GmbH & Co. KG
Antriebstechnik
Schleifmühle 6
D-74321 Bietigheim-Bissingen

Product designation:
Dispositivo di sollevamento e deposito per biciclette

Type designation:
BIKELIFT

Applied directives:
2006/42/EG
EMV R 2014/30/EU
2011/65/EU+(EU)2015/863+(EU)2017/2102

Applied standards:
EN 60204

EN IEC 61000-6-1
EN IEC 61000-6-3

Authorized representative for technical data:
Gerhard Geiger GmbH & Co. KG

Address:
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Bietigheim-Bissingen, 02.07.2024

Roland Kraus (General Manager)

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Komplementär: Geiger Verwaltungs-GmbH | Sitz Bietigheim-Bissingen | Amtsgericht Stuttgart HRB 300481
Geschäftsführer: Roland Kraus, Dr. Bertram Melzig-Thiel | WEEE-Reg.-Nr. DE47902323

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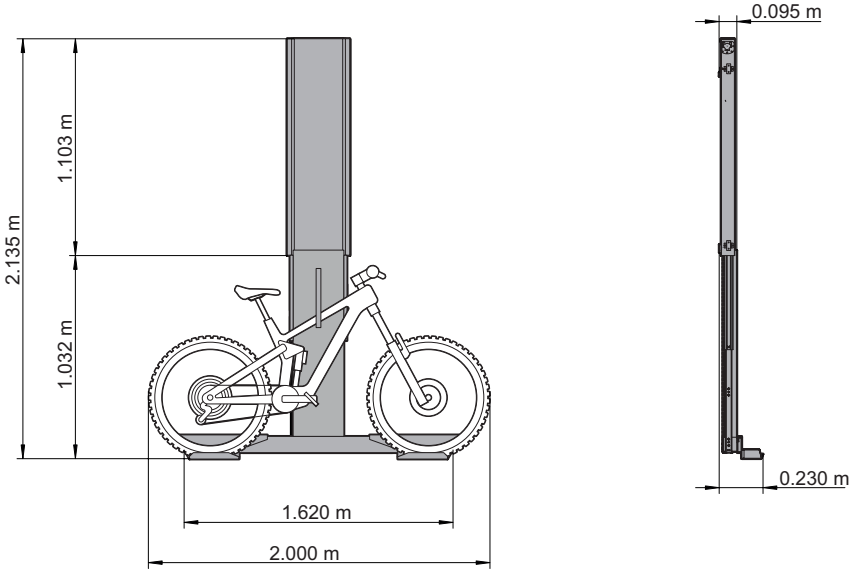
12. Technical Data

Technical data BIKELIFT 0.x	
Voltage	230 V~/50 Hz
Max. load capacity	30 kg (1 bicycle or e-bike)
Dimensions	Height 1,100 mm, width 320 mm, depth 80 mm
Max. lifting height	1,000 mm (not adjustable)
Operating temperature	-5°C .. +30°C
Protection class	IP20
Operating mode	S2 4 min.
Weight	~ 25 kg
Ambient humidity	dry, non-condensing

Technical changes reserved!



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Bei technischen Fragen steht Ihnen unser Service-Team telefonisch unter +49 (0) 7142 938 333 oder per Mail unter service@geiger.de gerne zur Verfügung.

GEIGER
ANTRIEBSTECHNIK

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