

## Instructions for Use

# Pressgun 6 PlusPress machine with rechargeable battery and Bluetooth interface



For all Viega system press jaws, rings, chains and (hinged) adapter jaws with PT2 interface, including Pressgun Press Booster, linking to Viega Tool Service

Model  
2295.3



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# 1 About these instructions for use

Trade mark rights exist for this document; for further information, go to [viega.com/legal](http://viega.com/legal).

These instructions are a translation of the original operating instructions.

## 1.1 Target groups

The information in these operating instructions is directed at the following groups of people:

- Heating and plumbing experts and trained personnel

This product must not be used by persons who do not have the aforementioned training or qualifications.

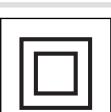
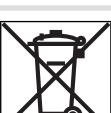
## 1.2 Labelling of advisory text and safety symbols

Warning and advisory texts are set aside from the remainder of the text and are labelled with the relevant pictographs.

|   |  |
|---|--|
|  | <b>DANGER!</b><br>This symbol warns of possible life-threatening injury. |
|  | <b>WARNING!</b><br>This symbol warns of possible serious injury.         |
|  | <b>CAUTION!</b><br>This symbol warns of possible injury.                 |
|  | <b>NOTICE!</b><br>This symbol warns of possible damage to property.      |
|  | This symbol gives additional information and hints.                      |

## Warning signs and symbols

Pay attention to the warning signs and symbols on the press machine and accessories:

|   |   |
|---|---|
|    | <b>General hazard symbol</b><br>Comply with all instructions marked with this symbol to avoid injuries or danger to life.               |
|    | <b>Hazard of crushing your hands, fingers, and other body parts</b>   |
|    | <b>Hazard of electric shock</b>   |
|    | <b>Observe the operating instructions</b><br>Read the operating and safety instructions carefully prior to the commissioning procedure. |
|  | <b>Wear eye protection</b><br>Wear safety glasses with side protection to avoid injury.   |
|  | Use electrical tools and accessories only in areas protected from moisture.   |
|  | <b>Protection class II (double insulated casing)</b>  |
|  | The marked product must not be disposed of as household waste.  |
|  | Recyclable rechargeable lithium ion batteries, see<br>↳ <i>Chapter 3.9 'Disposal' on page 30</i>  |
|  | <b>CE marking: Product safety in Europe</b>   |
|  | <b>UKCA marking: Product safety for the United Kingdom</b>  |

|   |  |
|---|--|
|  | EAC marking: Registration of products in the territory of the Eurasian Customs Union |
|  | FCC marking: This product conforms to Part 15 of the FCC Regulations.                |
|  | Direct voltage V d.c.  |



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- iOS is a registered trademark of Apple Inc.
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## 1.3 About this translated version

This instruction for use contains important information about the choice of product or system, assembly and commissioning as well as intended use and, if required, maintenance measures. The information about the products, their properties and application technology are based on the current standards in Europe (e.g. EN) and/or in Germany (e.g. DIN/DVGW).

Some passages in the text may refer to technical codes in Europe/Germany. These should serve as recommendations in the absence of corresponding national regulations. The relevant national laws, standards, regulations, directives and other technical provisions take priority over the German/European directives specified in this manual: The information herein is not binding for other countries and regions; as said above, they should be understood as a recommendation.

## 1.4 Note on use of abbreviated terms

For reading comfort, the following abbreviated terms are used in these instructions for use:

| Term  | Abbreviated form  |
|---|---|
| Viega Tool Services app                       | App   |
| Viega Tool Services Lite app                  |   |
| Viega system press machine<br>Pressgun 6 Plus | Press machine   |
| Viega system press jaws                       | Press jaws  |
| Viega system press rings                      | Press rings   |
| Viega system press tool                       | Press tool<br>Combinations of for example:<br>■ Press machine and press jaws<br>■ Press machine and<br>Press Booster<br>■ Press machine with hinged<br>adapter jaws and press ring or<br>press chain<br>■ Press machine and press-in<br>attachment tool |

| Term                             | Abbreviated form     |
|----------------------------------|----------------------|
| Lithium ion rechargeable battery | Rechargeable battery |
| Battery charger                  | Charger              |

## 2 Product information

### 2.1 Standards and regulations

The following standards and regulations apply to Germany / Europe and are provided as a support feature.

#### Regulations from section: Disposal

| Scope / Notice                                       | Regulations applicable in Germany |
|--|-----------------------------------|
| Disposal of old electrical and electronic appliances | 2012/19/EU                        |

### 2.2 General safety advice for electrical tools

This section contains general safety instructions for numerous different products and electrical tools. Consequently, not every safety instruction will apply to this tool.



**Save all warnings and instructions for future reference.**

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### Work area safety

- a) **Keep work area clean and well lit.**  
*Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**  
*Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.**  
*Distractions can cause you to lose control.*

## Electrical safety

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) Do not expose power tools to rain or wet conditions. *Water entering a power tool will increase the risk of electric shock.*
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. *Damaged or entangled cords increase the risk of electric shock.*
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. *Use of an RCD reduces the risk of electric shock.*

## Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating power tools may result in serious personal injury.*
- b) Use personal protective equipment. Always wear eye protection. *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) Remove any adjusting key or wrench before turning the power tool on. *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the power tool in unexpected situations.*
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. *Use of dust collection can reduce dust-related hazards.*

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.  
*A careless action can cause severe injury within a fraction of a second.*

## Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application.  
*The correct power tool will do the job better and safer at the rate for which it was designed.*

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.  
*Such preventive safety measures reduce the risk of starting the power tool accidentally.*

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.  
*Power tools are dangerous in the hands of untrained users.*

e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.  
*Many accidents are caused by poorly maintained power tools.*

f) Keep cutting tools sharp and clean.  
*Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.  
*Use of the power tool for operations different from those intended could result in a hazardous situation.*

h) Keep handles and grasping surfaces dry, clean and free from oil and grease.  
*Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

## Battery tool use and care

a) Recharge only with the charger specified by the manufacturer.  
*A charger that is suitable for one type battery pack may create a risk of fire when used with another battery pack.*

b) Use power tools only with specifically designated battery packs.  
*Use of any other battery packs may create a risk of injury and fire.*

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.  
*Shorting the battery terminals together may cause burns or a fire.*

- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.  
*Liquid ejected from the battery may cause irritation or burns.*
- e) Do not use a battery pack or tool that is damaged or modified.  
*Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- f) Do not expose a battery pack or tool to fire or excessive temperature.  
*Exposure to fire or temperature above 130 °C may cause explosion.*
- g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.  
*Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

## Service

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts.  
*This will ensure that the safety of the power tool is maintained.*
- b) Never service damaged battery packs.  
*Service of battery packs should only be performed by the manufacturer or authorized service providers.*

## Basic safety rules

- a) Use the correct tools.  
*Only use the tools and accessories listed in the operating instructions. Do not use electric tools for purposes or work they are not intended for.*
- b) Secure the workpiece.  
*Use clamping devices or a vice to hold the workpiece. It is held more securely than it would be by hand and both your hands are free to operate the tool.*
- c) Leave protective equipment in place.
- d) Hand-held devices must not to be used as stationary equipment.
- e) Do not hold the device in the compression area.
- f) Do not hold any body parts or foreign objects between the press jaws when activating the pressing cycle. Do not hold the jaw lever during the pressing cycle. Danger of crushing!  
*There is a danger of crushing the Fingers and hands.*
- g) Observe the safety instructions for the cleaning and corrosion protection agents used by you.
- h) Ensure that the workpiece is not under tension.

## 2.3 Intended use

### 2.3.1 Areas of use

The Viega system press machine Pressgun 6 Plus is intended for pressing press connectors into the respective piping systems. In combination with Viega system press jaws, chains or rings, the press tool is suitable for use with all Viega plumbing and heating installation systems up to and including dimension 108, as well as Megapress press connectors in dimensions  $\frac{3}{8}$  to 2 inches.

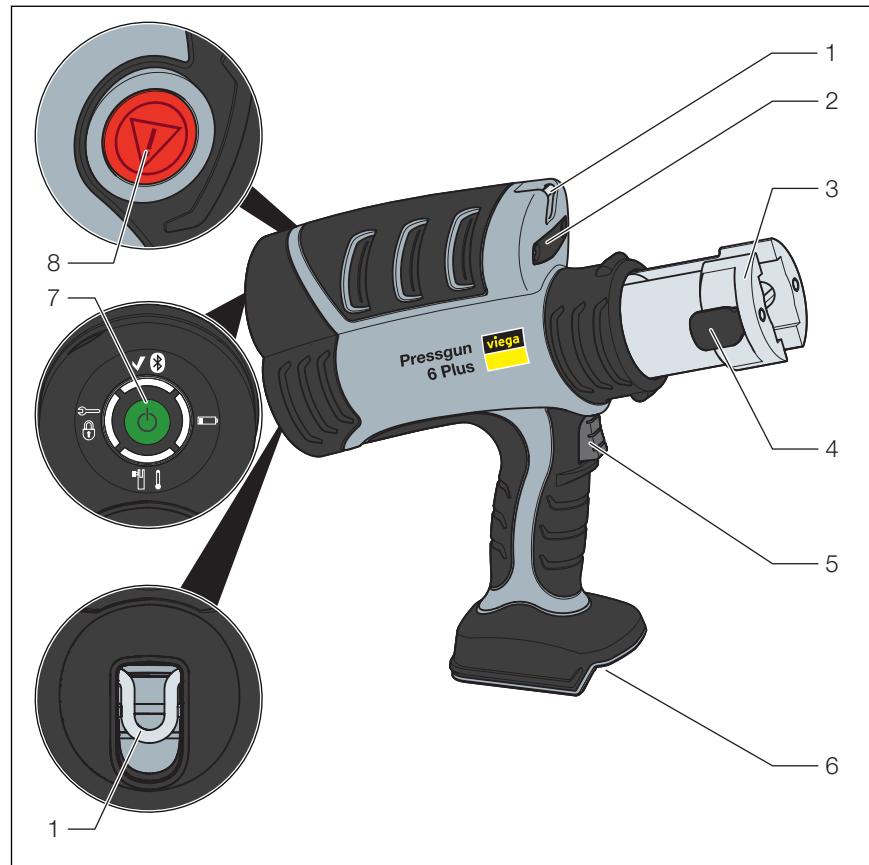
In combination with the Pressgun Press Booster (model 4296.2XL) it is possible to press Megapress XL connectors up to size 4 inches or 114.3 mm.

## 2.4 Product description

### 2.4.1 Overview

#### Scope of delivery

- Pressgun 6 Plus
- Lithium ion rechargeable battery (18 V/2.5 Ah)
- Battery charger
- Transport case with insert (with a holder for an additional battery)
- Operating instructions for press machine
- Operating instructions for charger and battery

**Pressgun 6 Plus****Fig. 1: Overview**

- 1 Bracket
- 2 LED light
- 3 Rotatable cylinder head with holder for press jaws
- 4 Retaining bolt
- 5 Start button
- 6 Battery holder
- 7 On/Off button
- 8 Reset button

### Lithium ion rechargeable battery

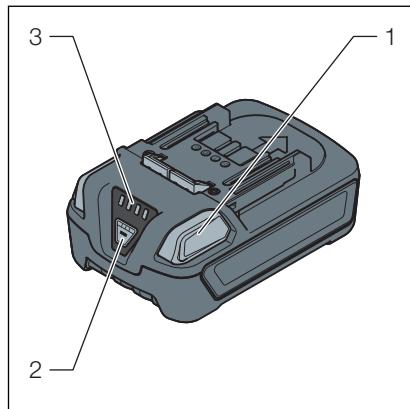


Fig. 2: Control elements on the lithium ion rechargeable battery

- 1 Rechargeable battery release
- 2 Button for checking charging status
- 3 Charging status indicator

### Battery charger

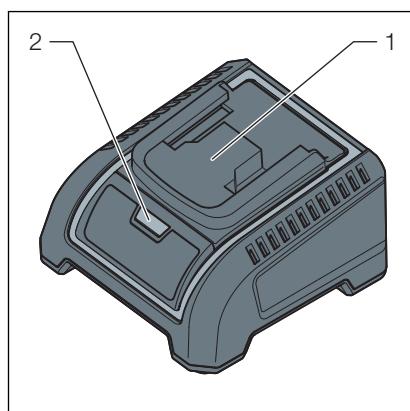
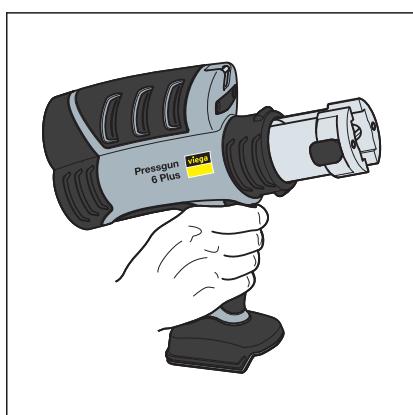


Fig. 3: Control elements on the battery charger

- 1 Battery holder
- 2 Status LED

### Gripping surfaces on the press machine



- To prevent injury during the pressing, hold the press machine at the gripping surface provided as shown.

## Data on the specification plate

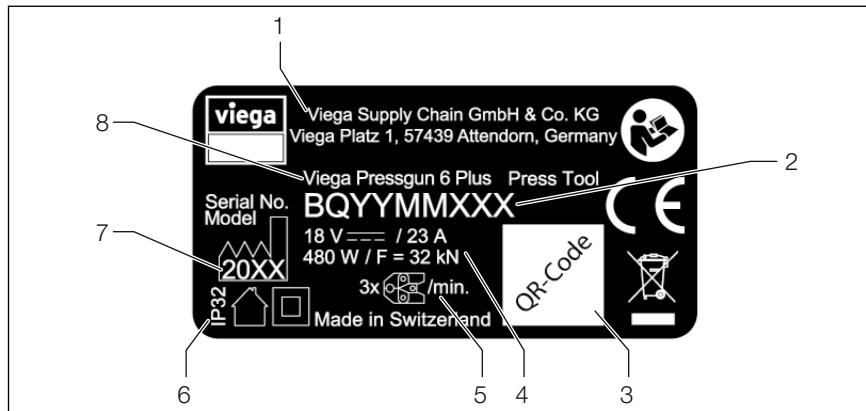


Fig. 4: Specification plate

- 1 Manufacturer logo with address
- 2 Serial number
- 3 QR code
- 4 Voltage (V), current (A), nominal output (W), nominal power (kN)
- 5 Maximum three pressings per minute
- 6 Protection type
- 7 Year of manufacture
- 8 Type designation for the press machine

For explanations on the symbols, see [Chapter 1.2 'Labelling of advisory text and safety symbols' on page 4](#).

### 2.4.2 Technical data

#### Press machine

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Motor                           | Brushless                             |
| Voltage                         | 18 V DC                               |
| Current                         | 23 A                                  |
| Nominal output                  | 480 W                                 |
| Thrust on piston                | 32 kN                                 |
| Switch-on duration              | Maximum three pressings per minute    |
| Bluetooth 5, range              | ≤ 10 m                                |
| Sound pressure on ear           | < 74.5 dB(A) <sup>1)</sup>            |
| Oscillation level               | < 1.13 m/s <sup>2</sup> <sup>2)</sup> |
| Permitted operating temperature | -10–50 °C                             |
| Permitted storage temperature   | 0–45 °C                               |
| Protection type                 | IP32                                  |

<sup>1)</sup> measurement uncertainty 3 dB(A)

<sup>2)</sup> measurement uncertainty 1.5 m/s<sup>2</sup>

|   |                   |
|---|-------------------|
| Permitted humidity  | 0–80%             |
| Protection class  | II                |
| Dimensions (L x W x H)                                    | 300 x 300 x 70 mm |
| Weight (without rechargeable battery, without press jaws) | 3150 g            |

<sup>1)</sup> measurement uncertainty 3 dB(A)

<sup>2)</sup> measurement uncertainty 1.5 m/s<sup>2</sup>



### NOTICE!

Wear hearing protection.

The specified oscillation emission value was measured in accordance with a standardised test procedure and can be used to compare the machine with another device. The specified oscillation emission value can also be used for an initial assessment of the intermittent duty.

When the device is actually being used, the oscillation emission value may differ from specified value, depending on the manner in which the device is used. Depending on the actual conditions of use (intermittent duty), it may be necessary to specify safety measures to protect the user.

## Electromagnetic compatibility



The press machine complies with the applicable standards with respect to electromagnetic compatibility. The possibility of disturbing other devices cannot, however, be ruled out.

### 2.4.3 Compatible accessories

Only use original accessories (e.g. rechargeable batteries) with the Viega press tools, as only these were developed and adapted specifically for use with the Viega press connector systems. Viega does not check whether accessories from other manufacturers are suitable for use with Viega press tools.

| Name                               | Model   | Note  |
|------------------------------------|---------|---|
| Rechargeable battery 2.5 Ah / 18 V | 2488.63 | In combination with battery charger model 2488.65 |
| Rechargeable battery 5 Ah / 18 V   |         | Generation Pressgun 6                             |
| Rechargeable battery 2 Ah / 18 V   | 2488.1  | In combination with battery charger model 2488.3  |
| Rechargeable battery 4 Ah / 18 V   |         | Generation Pressgun 4B / 5                        |
| mains adapter 230 V                | 2488.2  | –   |

#### 2.4.4 Operating mode

The Viega Pressgun 6 Plus is an electro-hydraulically operated press machine. Pressing is started by pressing the Start button on the operational press machine. The hydraulically operated roller head moves forwards into the press jaw and closes it with a power of 32 kN.

The Pressgun 6 Plus operates with a voltage of 18 V DC.

The press machine is equipped with wireless Bluetooth® technology. Smartphones or tablets (referred to below as "end devices") with either iOS or Android operating systems are required for data transfer. For more information, see [Chapter 3.3 'Viega Tool Services' on page 22](#).

#### Adjustable operation modes

Two different operation modes can be selected via the app:

|   | Viega Auto-Cycle  | Viega Smart-Cycle   |  |
|---|---|---|--|
| 1 | Keep the Start button pressed until the roller head has entered the press jaw slightly. |   |  |
| 2 | As soon as the press jaw closes, the Start button can be released.                      | The press machine stops. The correct seating of press connector and press tool can now be checked.<br><br>To resume the pressing, press the Start button again. |  |
| 3 | The pressing is made.   |   |  |
| 4 | The roller head then returns to its starting position.                                  |   |  |

## 2.4.5 Control elements and indicators at the press machine

### Status LEDs

The status LEDs on the press machine indicate various operating statuses.

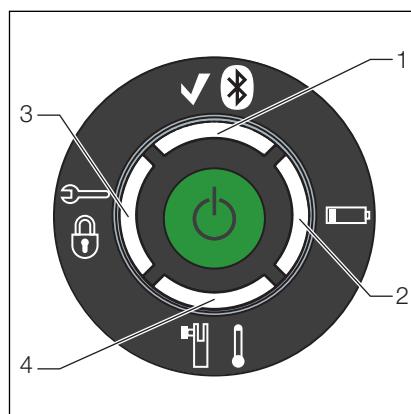


Fig. 5: Control element with status LEDs

- 1 Status
- 2 Rechargeable battery
- 3 Press tool
- 4 Temperature or bolts

| Colour of segment | [1] Status                        | [2] Rechargeable battery         | [3] Press tool                   | [4] Temperature or bolts         |
|-------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Green             | Operational                       | Operational                      | Operational                      | Operational                      |
| Red               | Have the press machine serviced.  | Blocked                          | Blocked                          | Blocked                          |
| Yellow            | State can be remedied by the user | Have the press machine serviced. | Have the press machine serviced. | Have the press machine serviced. |
| Blue              | Mode                              | Operating mode                   | Operating mode                   | Operating mode                   |

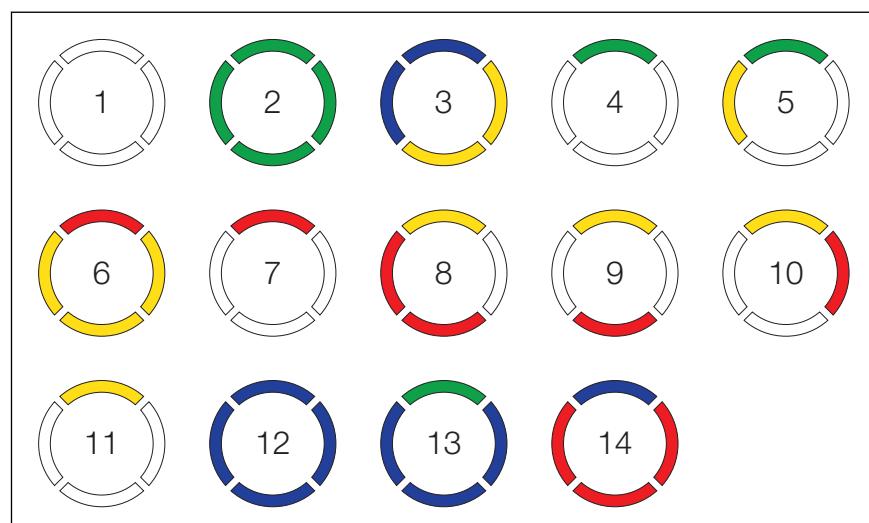


Fig. 6: Colour combinations of status LEDs

| Status / description of problem |  | Solution  |
|---------------------------------|--|---|
| 1                               | The press machine is switched off.   | —   |
| 2                               | The press machine is ready for operation.  | —   |
| 3                               | The internal memory of the press machine is almost full to capacity. The data on the last pressings (maximum 1000) were unable to be saved online. | Connect the press machine connected to the app using Bluetooth®. Connect the end device to the Internet to transmit the data.   |
| 4                               | The press machine is in standby mode.  | —   |
| 5                               | The number of pressings per service interval has been reached (40000).   | <p>Send the press machine to your nearest service partner for inspection and maintenance.</p> <p>Note: The safety shutdown occurs after a further 2000 pressings.</p>                   |
| 6                               | The press machine has made 42000 pressings. The safety shutdown is activated.  | Send the press machine to your nearest service partner for inspection and maintenance.  |
| 7                               | The press machine has a fault.   | <p>Remove and re-insert the rechargeable battery.</p> <p>If the LED continues to illuminate, send the press machine to your nearest service partner for inspection and maintenance.</p> |
| 8                               | Press machine and/or rechargeable battery is outside the recommended temperature range.  | Bring the press machine to the recommended temperature range in a well-ventilated environment (-5°C to 50°C).   |
| 9                               | Retaining bolt not correctly closed.   | Slide the retaining bolt in fully (up to the lock).   |
| 10                              | Battery charge too low.  | Charge or replace the battery.  |
| 11                              | The press machine is connected (Service mode).   | —   |
| 12                              | Briefly illuminated, Smart Cycle is activated.   | Switch on/off the function in the app.  |

| Status / description of problem |   | Solution                                 |
|---------------------------------|---|--|
| 13                              | The Bluetooth connection is established.  | —  |
| 14                              | The press machine is locked (usage lock). | Deactivate the usage lock using the app. |

### On/Off button

Use the On/Off button to switch the press machine on and off.



The press machine switches off automatically after ten minutes if it is not used after switch-on.

### Start button

Use the Start button to trigger a pressing; see *Chapter 3.5 'Carrying out the pressing process' on page 25*.

### Retaining bolt

The retaining bolt locks the press attachments in the press jaw fixture. The retaining bolt is electronically monitored and must be fully inserted to be able to start a pressing.

### Reset button

If a malfunction occurs and the press machine fails to complete the pressing, press the Reset button to return the roller head to its initial position; see *Chapter 3.6 'Aborting the pressing process' on page 26*.

### Rotatable cylinder head

The press jaw fixture in the front part of the cylinder head can be rotated 360° without a stop to allow for flexible alignment of the press jaws to the pressing point.

### LED light

The press machine is equipped with a bright LED lamp. The LED lamp illuminates as soon as the Start button is pressed.

### Bracket

The press machine has two brackets, which can be used for example to attach a shoulder strap.

## 3 Handling

### 3.1 Transport and storage



#### NOTICE!

**Risk of damage to and malfunctioning of the press machine due to improper use!**

Use a transport case for storage and transport.



#### NOTICE!

**Transporting and storing the rechargeable battery**

Observe the manufacturer's instructions for transport and storage.



#### DANGER!

**Risk of crushing!**

Risk of getting your fingers and hands crushed.

- Store the press machine out of reach of children and unauthorised persons.

Observe the following instructions for transport and storage of the press machine:

- Store the press machine in a dry, frost-free place in the case provided.

Protect the press machine and accessories from the following external influences:

- Impacts
- Moisture and humidity
- Dust and dirt
- Frost and extreme heat
- Chemical solutions and vapours

## 3.2 Charging the battery



Directions for using the charger and the lithium-ion batteries can be found in the accompanying instructions.

- Charger, model 2488.65
- Lithium ion rechargeable battery 2.5 Ah / 5 Ah, model 2488.63

## 3.3 Viega Tool Services



You can find information on registering your press machine in the Viega Tool Services chapter.

The full range of functions of Viega Tool Services is not available in all markets.

- If Viega Tool Services is not available in your market, go to the section **Viega Tool Services Lite**.

The press machine can be connected to a mobile end device via Bluetooth® and used with the *Viega Tool Services* app.

The app is available in the respective App Stores:

- Apple App Store (iOS)
- Google Play Store (Android)

The app offers the following features, for example:

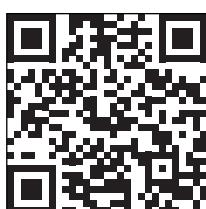
- View press machine data (number of pressings, machine status)
- Apply settings (e.g. operation mode)
- Locate press machine (determine location)

You can find additional information at [viega.de/viega-tool-services](http://viega.de/viega-tool-services).

### Register at Viega Tool Services

In order to use the press machine with the app, you will first have to register once at *Viega Tool Services* and set up an operation.

- ▶ Launch *tool-services.viega.de* in the browser or scan the QR code.
- ▶ Click on [Register now] and follow the next steps.
- Once you have registered, you will receive your access data.



### Registering the press machine

The procedure for registering the press machine in the browser via the web application will now be described using an example. You can also register the press machine via the app.

**Requirements:**

- You have administrator rights.
- You have the registration code on the back of the printed operating instructions.
- ▶ Go to [tool-services.viega.de](http://tool-services.viega.de) in the browser.
- ▶ Sign in using your access data.
- ▶ On the left-hand site navigation area, click on [OPERATION] and then select the entry [Tools].
  - The list containing all tools is displayed.
- ▶ Right-click on [Add tool] button and follow the next steps.
- ▶ Complete the process by clicking [REGISTER].
  - The press machine will then appear in the tool list.

**Viega Tool Services Lite****Registering the press machine**

- ▶ Download the Viega Tool Services Lite app from the App Store.
- ▶ Open the app.
- ▶ Press the Plus button.
- ▶ Select the press machine.
- ▶ Enter the registration code from the back of the printed operating instructions.
  - The press machine is now registered and can be used with the app.

## 3.4 Commissioning

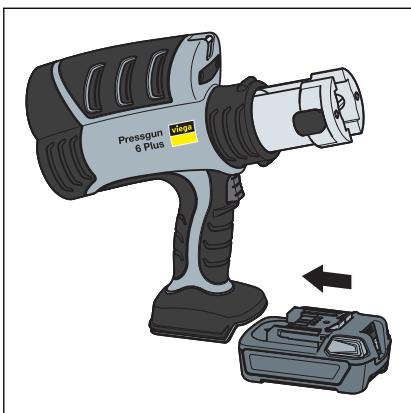
**CAUTION!**  
**Risk of crushing by operating the press machine without press jaws!**

If no press jaw is inserted, your fingers may get caught in the danger zone and get crushed when the press machine starts up.

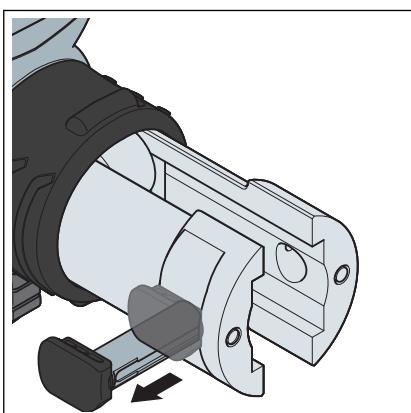
- Do not use the press machine without a press jaw inserted.
- Do not put your fingers in the danger zone.

- Check the scope of delivery.
- Insert the fully charged lithium ion rechargeable battery into the mounting bracket at the handle.

**INFO!** Press the charging status button to check the battery charge level. The display extinguishes as soon as the button is released again.

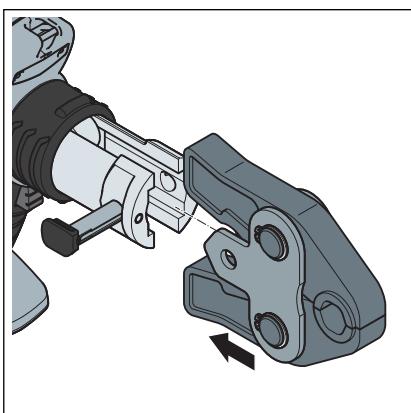


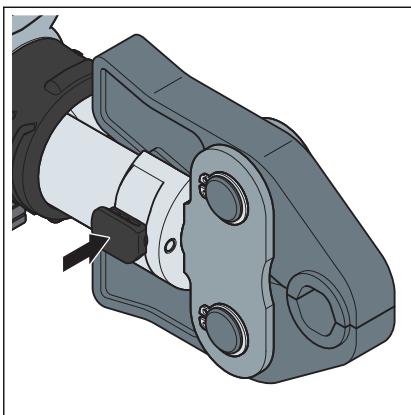
- Pull out the retaining bolt at the press jaw fixture.



- Insert the press jaw in the press jaw fixture of the cylinder head.

**INFO!** The figures show the typical use of a press jaw. Use the hinged adapter jaws in the same way.





- ▶ Slide the retaining bolt in as far as it will go.
- ▶ Press the On/Off button.

□ The green LED is lit. The press machine is ready for operation.

### 3.5 Carrying out the pressing process



#### **CAUTION!** **Risk of crushing due to improper use!**

- Do not start the press machine without a press jaw inserted.
- Do not reach into the area of the moving roller head or press jaws during pressing.
- Hold the press machine on the gripping surfaces.



#### **NOTICE!** **Risk of property damage due to damaged press jaws!**

Using a damaged, incorrectly dimensioned, or worn press jaw may result in an incorrect pressing.

- Check the press jaw before use for any visible defect, and if applicable replace the press jaw.
- Only use press jaws that are the right dimension and are compatible with the press connector system.

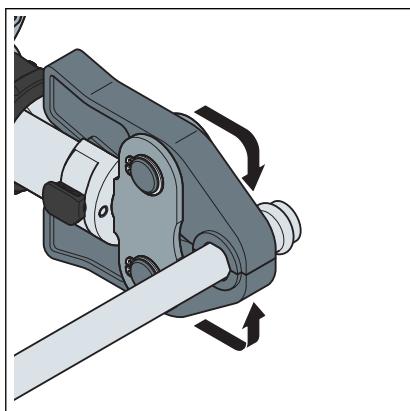
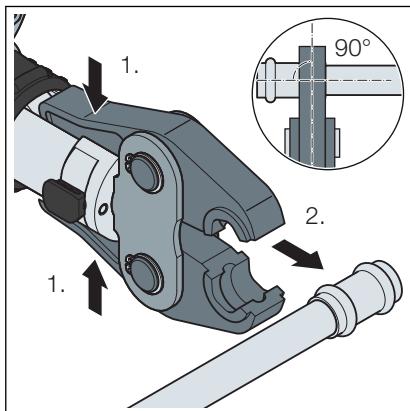


The press jaw must be able to lock properly during pressing.

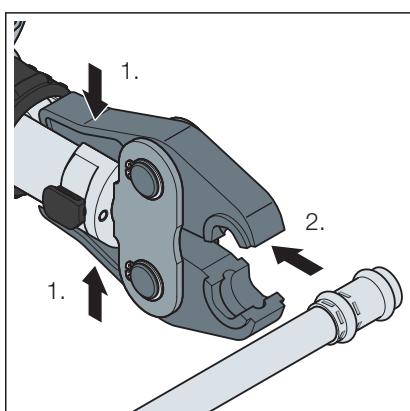
- Ensure that there is enough space on the press point.
- Keep the press jaw contour and the area around the press point free from dirt and any objects that could hinder complete pressing.

## Requirements:

- The press machine is ready for operation, the green LED is illuminated.
- A press jaw has been correctly inserted.
- Check whether the nominal width of the press connector matches the nominal width of the press jaw.
- Fit the press machine with the press jaw inserted accurately and at a right angle to the pipe axis on the press connector.



- Keep the Start button pressed until the automatic process starts.
- Once the press machine creates the press force, it automatically completes pressing from this point until the entire press stroke has been carried out.



- After full retraction of the roller head, open the press jaw and loosen it from the press connector.

**i** If a malfunction occurs and the press machine fails to complete the pressing, press the Reset button to return the roller head to its initial position.

Then remove the incompletely pressed press connector from the installation and use a new press connector.

### 3.6 Aborting the pressing process

A pressing can be interrupted in the following situations:

- The roller head has not yet touched the press jaw. The press machine has not yet built up any pressing force.
- There is a malfunction. The press machine cannot complete the pressing.
- ▶ Release the Start button to interrupt the pressing.
- ▶ Actuate the Reset button to return the roller head to its initial position.

## 3.7 Troubleshooting

In case of malfunction, check the following potential causes:

| Fault  | Cause  | Solution  |
|--|--|---|
| The press machine is not ready for operation after the On/Off button is pressed. | The battery is fully discharged or faulty.                                       | Use a fully charged battery.  |
|  | The battery is not correctly inserted.   | Check it is correctly located in the mounting bracket.  |
| The press connector is incorrectly pressed.                                      | The press jaw dimension does not match the press connector.                      | Use a press jaw that matches the press connection dimension.  |
|  | The press jaw was not positioned square to the pipe axis on the press connector. | Make sure that the press jaw is positioned square to the pipe axis on the press connector.<br>Repeat the pressing*. |
|  | The press contour is incorrect.  | Check the press jaw and have repaired as required.<br>Repeat the pressing* with an operational press jaw.           |
| The press machine has a fault.   |  | **  |
| Oil escapes from the press machine.  | A seal in the casing is faulty or there is a mechanical problem.                 | **  |
| The motor runs, but the press machine does not complete the pressing.            | The oil level is too low.  |   |

\* Remove the incorrectly or incompletely pressed press connector from the installation.

\*\* Send the press machine to your nearest service partner for inspection and maintenance.

## 3.8 Care and maintenance

The tools are subject to normal wear and tear; for this reason, they must be maintained in regular intervals. The maintenance and servicing of the tools must be carried out by service partners authorised by Viega.

### 3.8.1 Cleaning the press tools

#### Press machine



#### NOTICE! Damage due to fluids!

Make sure that no fluids get inside the press machine.  
Never dip the press machine into fluids.

Requirements:

- The press machine is not energised (rechargeable battery has been removed).
- No press jaw is inserted.
- ▶ Wipe the press machine down with a slightly damp cloth.
- ▶ Clean the press rolls of the roller head dry and then treat with maintenance oil (art. no. 667 924).

#### Press jaws and press rings

- ▶ Remove dirt and metallic residues from the press jaw or the press ring.
- ▶ Remove residues from the press jaw contour (e.g. using Viega cleaning fleece, art. no. 104 412).
- ▶ Apply maintenance oil to the hinges and all moving parts (art. no. 667 924).
- ▶ Then thinly spray the press jaw or press ring with maintenance oil (art. no. 667 924) and let it work for a short time before wiping off with a lint-free cloth.

### 3.8.2 Performing checks

To ensure trouble-free operation, perform checks at regular intervals:

- ▶ At the end of each use, check the press contour of the press jaws and press rings for damage or visible wear.
- ▶ Check the press jaws and press rings for smooth operation.
- ▶ Check all press jaws and press rings for proper function by carrying out a test pressing with press connector inserted.

In case of malfunctions, contact an authorised service partner.

### 3.8.3 Inspection and maintenance

The functional safety and permanent leak tightness of the Viega press connector systems depend primarily on the functional and operational safety of the Viega system press tools, which comprise the Viega press machine plus Viega system press jaw, ring, chain, and hinged adapter jaw. The Viega press tools were developed and adapted specifically for use with the Viega press connector systems. Viega does not check whether these system press tools can be used for pressing other manufacturers' systems. In particular, no statement can be made on whether it is possible to create permanently leakproof connections in this way.



#### NOTICE!

Do not attempt to carry out repairs yourself. Have repairs carried out only by authorised service partners.

#### Maintenance label

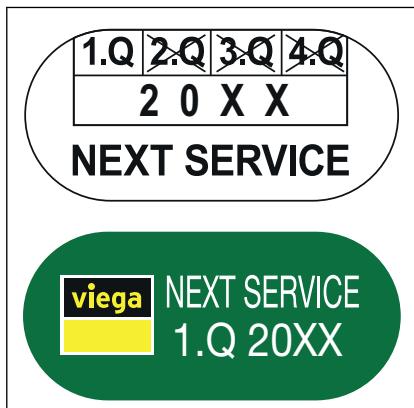


Fig. 7: Variants of the maintenance label (example representation)

#### Maintenance interval

The maintenance interval is 40000 pressings or 4 years, whichever occurs first. The press machine has a label showing the date when the next regular maintenance is due.

Additionally, the press machine is equipped with an LED display which flashes after 40000 pressings to indicate that maintenance is due.

The safety shutdown will occur after a further 2000 pressings.



The safety shutdown occurs after 42000 pressings. Send the press machine to your nearest service partner for inspection and maintenance.

## Press jaws and press rings

The Viega system press jaws and system press rings have a label showing the date when the next maintenance is due. Respect the maintenance dates in order to guarantee safety and proper function. After completed maintenance, the Viega service partner will apply a new sticker.

## 3.9 Disposal

Do not dispose of the press machine in household waste and do not scrap it. For environmentally compatible disposal, send the press machine to your local service partner or pass it to a recycling company.

Parts of the lithium ion rechargeable batteries contain valuable materials and can be recycled. For disposal, comply with the regulations applicable in your country. For more information, contact your local waste management authority.

### For EU countries:

Do not dispose of electrical and electronic devices in household waste. Dispose of the device pursuant to the regulations applicable in your country, see  'Regulations from section: Disposal' on page 8.



Observe the requirements on the transport of road and rail freight and of ocean and air freight if sending defective lithium ion rechargeable batteries.

## 4 Appendix

### 4.1 Warranty

The warranty period for Viega system tools, such as press tools, press jaws, press rings, Steptec punches, pipe cutters, calibration devices, etc., is governed by the national statutory provisions of the country in which you are headquartered. However, it is at least two years after purchase and transfer of risk.

Please keep the proof of purchase in the event that repairs are required during the warranty period. The warranty does not apply in cases of incorrect and non-professional use. If the defect is due to incorrect and non-professional use, or normal wear and tear of wearing parts, warranty claims are excluded.

### 4.2 FCC/ISED declaration

This device conforms to part 15 of the FCC Regulations. All applicable test numbers are itemised on a label in the rechargeable battery mounting on the handle.

Its operation is subject to the following two conditions:

- This device must not cause any harmful interference radiation.
- This device must receive interference signals, even those that can lead to malfunctions.

Modifications not explicitly permitted by Viega could invalidate the user's authorisation to operate the tool. This device has been tested and conforms to the limit values for a Class A digital device in accordance with Part 15 of the FCC Regulations. These limit values are rated to offer adequate protection against harmful interferences from installations in residential areas. This device generates, uses and can emit radio radiation. Therefore, it can disrupt radio connections if mounted and used incorrectly.



Viega cannot guarantee that malfunctions will not occur in certain installations. Should this device disrupt radio broadcasting or television reception, which can easily be established by turning the device off and on, please take the following measures:

- Adjust the angle of the receiver antenna (radio/TV device) or reposition it.
- Increase the distance between the device and receiver.
- Talk to your dealer or an expert in radio/TV sets.

## 4.3 Declaration of Conformity

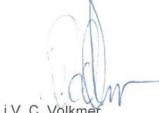
|   |  |         |                      |        |                       |
|--|--|---------|----------------------|--------|-----------------------|
| <b>EC declaration of conformity</b><br>2006/42/EG, 2011/65/EU, 2014/30/EU, 2014/35/EU,<br>2012/19/EU, 2014/53/EU   |  |         |                      |        |                       |
| Attendorn, 23.01.2019  |  |         |                      |        |                       |
| Viega Supply Chain GmbH & Co. KG<br>Viega Platz 1<br>57439 Attendorn Germany   |  |         |                      |        |                       |
| We declare on our sole responsibility that the following products are in conformity with the Directives<br>2006/42/EG, 2011/65/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU and 2014/53/EU.  |  |         |                      |        |                       |
| Applied harmonised standards: ISO 12100:2010, IEC 62841-1:2014,<br>EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008, EN 300 328  |  |         |                      |        |                       |
| <br>i.V. C. Volkmer<br>Head of Product Management   | <br>i.A. U. Grünkemeier<br>Product Management |         |                      |        |                       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Artikel</th> <th style="width: 70%;">Modell - Bezeichnung</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">790547</td> <td style="text-align: center;">22953 Pressgun 6 Plus</td> </tr> </tbody> </table>  |  | Artikel | Modell - Bezeichnung | 790547 | 22953 Pressgun 6 Plus |
| Artikel  | Modell - Bezeichnung   |         |                      |        |                       |
| 790547   | 22953 Pressgun 6 Plus  |         |                      |        |                       |
| <small>           Viega Supply Chain GmbH &amp; Co. KG, Viega Platz 1, 57439 Attendorn, Deutschland, Telefon +49 (0) 2722 61-0, Telefax +49 (0) 2722 61-1415,<br/>           viega.de<br/>           USt-IdNr. DE307732088, Sitz Attendorn, Amtsgericht Siegen HRA 9165<br/>           Komplementärin: Viega Holding GmbH &amp; Co. KG, Sitz Attendorn, Amtsgericht Siegen HRA 7404 (Komplementärinnen dort: Viega Holding Beteiligungs<br/>           B V [Vorständin der Geschäftsführung: Walter Viegener, Claus Holst-Gydeßen, Geschäftsführer: Ralf Baginski, Andreas Brockow, Andreas Fießhaus,<br/>           Dirk Gellisch, Patrick Grundke, Peter Schöler]; Viega Holding Beteiligungs GmbH [Geschäftsführer: Walter Viegener, Claus Holst-Gydeßen])         </small> |  |         |                      |        |                       |

Fig. 8: EC Declaration of Conformity Pressgun 6 Plus

| viega  |             |  |             |        |         |  |        |        |   |                  |                      |                              |                           |
|--|-------------|--|-------------|--------|---------|--|--------|--------|---|------------------|----------------------|------------------------------|---------------------------|
| <p style="margin: 0;"><b>Declaration of Conformity</b></p> <p style="margin: 0;">in accordance with UK Government Guidance</p> <p style="margin: 0;"><b>UKCA No. 21-002-PS issued on 09.12.2021 in Attendorn</b></p> <p style="margin: 0;">1. Product Model/Type: Pressgun 6 Plus</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Article no.</th> <th style="width: 15%;">Model No.</th> <th style="width: 70%;">Description</th> </tr> </thead> <tbody> <tr> <td>797751</td> <td>2295.62</td> <td>Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface (UK)</td> </tr> <tr> <td>790547</td> <td>2295.3</td> <td>Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface</td> </tr> </tbody> </table> <p style="margin: 0;">2. Manufacturer: Viega GmbH &amp; Co. KG, Viega Platz 1, 57439 Attendorn, Germany.</p> <p style="margin: 0;">3. This declaration is issued under the sole responsibility of the product manufacturer.</p> <p style="margin: 0;">4. The object of the declaration described above is in conformity with the UK Statutory Instruments and their amendments:</p> <ul style="list-style-type: none"> <li style="margin: 0;">- 2016 No. 1091 The Electromagnetic Compatibility Regulations</li> <li style="margin: 0;">- 2017 No 1206 Radio Equipment Regulations</li> <li style="margin: 0;">- 2008 No. 1597 The supply of Machinery (Safety) Regulations 2008</li> <li style="margin: 0;">- 2012 No 3032 The Restriction of the Use of Hazardous Substances in Electrical and Electronic Equipment Regulations</li> </ul> <p style="margin: 0;">5. We hereby declare that the product described above, to which this declaration of conformity refers to, is in conformity with the essential requirements of the following standards:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 100%;">Reference &amp; Date</th> </tr> </thead> <tbody> <tr> <td>BS EN 61000-6-1:2007</td> </tr> <tr> <td>BS EN 61000-6-2:2005+AC:2005</td> </tr> <tr> <td>BS EN 62841: 2015+AC:2015</td> </tr> </tbody> </table> <p style="margin: 0;">6. Additional information: the technical documentation is available in Viega Ltd., Palmerston House, 814 Brighton Road Purley / Surrey, CR8 2BR</p> <p style="margin: 0; text-align: right;">Vice President PM Piping Systems</p> <p style="margin: 0; text-align: right;">Director Tools</p> <p style="margin: 0; text-align: center;"> <br/>         ppa. Christoph Volkmer       </p> <p style="margin: 0; text-align: center;"> <br/>         i.V. Thomas Berheide       </p> <p style="margin: 0; text-align: center;"><a href="http://www.viega.com">www.viega.com</a></p> <p style="margin: 0; text-align: right;">Declaration of Conformity, page 1 of 1</p> | Article no. | Model No.  | Description | 797751 | 2295.62 | Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface (UK) | 790547 | 2295.3 | Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface | Reference & Date | BS EN 61000-6-1:2007 | BS EN 61000-6-2:2005+AC:2005 | BS EN 62841: 2015+AC:2015 |
| Article no.  | Model No.   | Description  |             |        |         |  |        |        |   |                  |                      |                              |                           |
| 797751   | 2295.62     | Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface (UK) |             |        |         |  |        |        |   |                  |                      |                              |                           |
| 790547   | 2295.3      | Pressgun 6 Plus Press machine with rechargeable battery and Bluetooth interface      |             |        |         |  |        |        |   |                  |                      |                              |                           |
| Reference & Date   |             |  |             |        |         |  |        |        |   |                  |                      |                              |                           |
| BS EN 61000-6-1:2007   |             |  |             |        |         |  |        |        |   |                  |                      |                              |                           |
| BS EN 61000-6-2:2005+AC:2005   |             |  |             |        |         |  |        |        |   |                  |                      |                              |                           |
| BS EN 62841: 2015+AC:2015  |             |  |             |        |         |  |        |        |   |                  |                      |                              |                           |

Fig. 9: Pressgun 6 Plus Declaration of Conformity (UKCA)

## 4.4 Service partners

For maintenance and repair of the press tools, contact the service partner in your country.

| Country code | Company                                  | Address/contact  |
|--------------|--|--|
| AT           | König & Landl GmbH                       | Döblinger Hauptstrasse 15, 1190 Vienna<br><a href="https://www.koenig-landl.at">https://www.koenig-landl.at</a> / <a href="mailto:office@koenig-landl.at">office@koenig-landl.at</a><br>+43 1 4797484-13 |
| AU           | Nepean Boltmaster                        | 42 Borec Road, 2750 Penrith<br>+61 (2) 4722 3034 / <a href="mailto:sales@nepbolt.com.au">sales@nepbolt.com.au</a>  |
|              | Allied Power Tools                       | 12/76 Rushdale St, Knoxfield, VIC 3180<br>+61 (3) 9764 2911 / <a href="mailto:sales@alliedpowertools.com.au">sales@alliedpowertools.com.au</a>   |
| BE           | OMICRON-Benelux                          | Grote Steenweg 116, 3454 Rummen-Geetbets<br>+32 (11) 58 43 50 / <a href="mailto:info@omicronwt.com">info@omicronwt.com</a>   |
| CN           | 德房家（中国）管道系统有限公司                          | 无锡市锡山区万全路 30 号平谦国际现代产业园 P 栋<br>+400 0688 668 / <a href="mailto:tao.wu@viega.cn">tao.wu@viega.cn</a>  |
|              | Viega (China) Plumbing Systems Co., Ltd. | Building P, Pingqian International Modern Industrial Park, No. 30 Wanquan Road, Xishan District, Wuxi, China (214107)<br>+400 0688 668 / <a href="mailto:tao.wu@viega.cn">tao.wu@viega.cn</a>            |
| CZ / SK      | Mátl & Bula                              | Stará pošta 750, 66461 Rajhrad u Brna<br>+420 5 4723 0048 / <a href="mailto:info@matl-bula.cz">info@matl-bula.cz</a>   |
| DE           | Hans-Joachim Voigt & Sohn                | Nordlichtstrasse 48/50, 13405 Berlin<br>+49 (30) 413 4041 / <a href="mailto:info@voigtundsohn.de">info@voigtundsohn.de</a>   |
|              | Hamburger-Hochdruck-Hydraulik GmbH       | Billwerder Billdeich 601c, 21033 Hamburg<br>+49 (40) 7511 900 / <a href="mailto:Service@HHHydraulik.com">Service@HHHydraulik.com</a>   |
|              | Hamburger-Hochdruck-Hydraulik GmbH – Süd | Neue Gautinger Str. 21, 82110 Germering,<br>+49 (89) 130 111 03 / <a href="mailto:Service@HHHydraulik.com">Service@HHHydraulik.com</a>   |
| DK           | Scherer's Elektro                        | Valhøjs Alle 171, 2610 Rodovre<br>+45 (44) 843738 / <a href="mailto:steffen@scel.dk">steffen@scel.dk</a>   |
| ES           | Tecno Izquierdo                          | Avda. del Manzanares 222, 28026 Madrid<br>+34 (914) 759158 / <a href="mailto:tecno.izquierdo@telefonica.net">tecno.izquierdo@telefonica.net</a>  |
| FR           | Plasti Pro                               | 245 boulevard de l'Europe, 62118 Monchy-le-Preux<br>+33 (361) 47 40 45 / <a href="mailto:contact@sarcl-plastipro.fr">contact@sarcl-plastipro.fr</a>  |
| FI           | Sähköhuolto Tissari Oy                   | Poijutie 3, 70460 Kuopio<br>+358 44 3038400 / <a href="mailto:info@sht.fi">info@sht.fi</a>   |
| GR           | Ergon Equipment A.E.T.E.                 | 102 Kleisthenous & Papafiessa Str, 153 44 Athens<br>+30 (210) 604945 4 / <a href="mailto:astathis@ergon.com.gr">astathis@ergon.com.gr</a>  |
| IT           | Elmes KG                                 | Via Artigianale Nord, 6, 39044 Neumarkt<br>+39 (0471) 813399 / <a href="mailto:info@elmes.it">info@elmes.it</a>  |

| Country code | Company                      | Address/contact   |
|--------------|------------------------------|---|
| IT           | O.R.E. s.r.l.                | Via Sassonia, 16/G, 47900 Rimini<br>+39 (0541) 741003 / <a href="mailto:info@oreutensili.com">info@oreutensili.com</a>  |
| JP           | Toyo Kiko Inc.               | 717-5 Shimokuya-machi, 378-0061 Numata-shi<br>+81 (278) 24 41 77 / <a href="mailto:r.adachi@toyo-fit.co.jp">r.adachi@toyo-fit.co.jp</a>   |
| NO           | Grønvold Maskinservice A/S   | Brobekkveien 104 A, 0613 Oslo<br>+47 (23) 05 06 40 / <a href="mailto:Terje@gronvoldmaskin.no">Terje@gronvoldmaskin.no</a>   |
| NL           | MG Service                   | Canadabaan 2, 5388 RT Nistelrode<br>+31 (412) 617 299 / <a href="mailto:info@mgservice.nl">info@mgservice.nl</a>  |
| RU           | KONTURS-SDM                  | Московская область, Солнечногорский район, Ленинградское шоссе, 34 км., стр. 15 (полигон МАДИ)<br>+7 (499) 155 07 11 / <a href="mailto:info@konturs-sdm.ru">info@konturs-sdm.ru</a> |
| SE           | AGB Service                  | Flottiljvägen 22, 39241 Kalmar<br>+46 (0)480 281 74 / <a href="mailto:order@agbservice.se">order@agbservice.se</a>  |
| SE           | AGB Service                  | Rosstigen 2, 16952 Solna<br>+46 (0)8 20 22 45 / <a href="mailto:order@agbservice.se">order@agbservice.se</a>  |
| UK           | MEP Hire                     | Unit K, Ashley Drive Bothwell, G71 8BS Glasgow<br>+44 800 587 5121 / <a href="mailto:hire@mephire.co.uk">hire@mephire.co.uk</a>   |
|              | Broughton Plant Hire & Sales | Unit 10, Trade City, Ashton Road, RM3 8UJ Romford, Essex<br>+44 (1708) 383350 / <a href="mailto:hire@mbroughtonltd.co.uk">hire@mbroughtonltd.co.uk</a>                              |



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viega.com

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