

REINER

jetStamp 1025



Operating Manual

GB

Inhaltsverzeichnis

I Your jetStamp 1025	5
1.1 Operating elements.....	6
1.2 Display and button functions.....	9
1.3 Main Menu.....	11
1.3.1 Functions	11
1.3.2 Lock device	11
1.3.3 Activate Bluetooth	11
1.3.4 Device info	11
1.3.5 Change-wipe position	11
1.3.6 Settings	12
1.3.6.1 Signals.....	12
1.3.6.2 Print	12
1.3.6.3 Device security	12
1.3.6.4 Date-Time	13
1.3.6.5 Miscellaneous.....	13
II Important Notes	14
2.1 Rechargeable batteries.....	14
2.2 Micro SD card.....	14
III Your Safety	15
3.1 Safety, Description.....	15
3.2 Safety notes on rechargeable batteries.....	16
3.3 Safety notes.....	17
3.4 Safe handling of print cartridges.....	17
IV Prepare and Commission	18
4.1 Commissioning.....	18
4.1.1 Insert rechargeable batteries	19
4.1.2 Charge rechargeable batteries	20
4.2 Insert print cartridge	21
4.3 Execute test print.....	22
4.4 Saved print images.....	23
4.5 Activate Bluetooth.....	23
4.6 Install PCset graphic software.....	24
4.6.1 System requirements	24
4.6.2 Install software	24
4.7 Firmware update.....	25
V The PCset graphic software application	26
5.1 Get jetStamp 1025 ready for PCset graphic.....	26
5.2 Starting the software.....	27

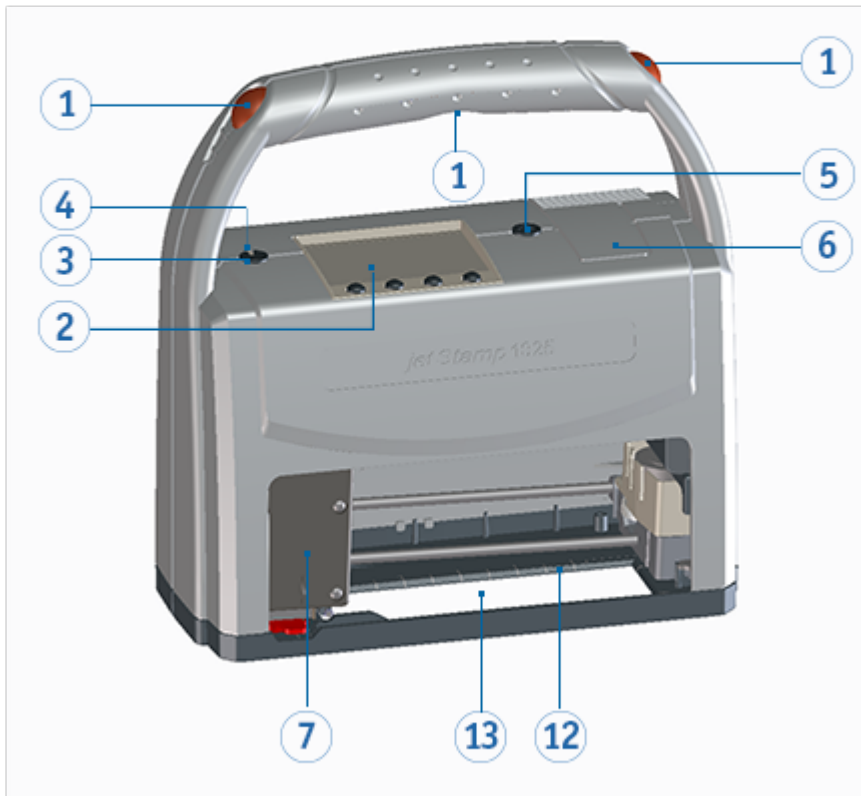
5.3	Operating interface	27
5.3.1	Menu bar	28
5.3.1.1	File	28
5.3.1.2	Edit	29
5.3.1.3	View	30
5.3.1.4	Presettings	30
5.3.1.5	Extras	30
5.3.1.6	Help	30
5.3.2	Toolbar	31
5.3.2.1	Grid	31
5.3.2.2	Selection	32
5.3.3	Objects	32
5.3.4	Device safety	33
5.3.4.1	Device safety	33
5.3.4.1.1	Set passw ord	34
5.3.4.1.2	Disable passw ord protection	34
5.3.4.1.3	Forgotten passw ord	35
5.3.4.2	Unlock device	35
5.3.4.3	Lock device	35
5.3.5	Device settings	36
5.3.5.1	Print settings	37
5.3.5.2	Signals	40
5.3.5.3	Sealing station	40
5.3.6	Status indicators	41
5.3.7	Device messages	44
5.4	Enable print image preview in Windows Explorer	46
5.5	Establish Bluetooth connection	46
5.6	Example workflow: Generate print image	48
5.6.1	Configure print image	48
5.6.2	Transfer print image to jetStamp 1025	49
5.6.2.1	Replace print image	49
5.6.3	Print the print image	50
5.6.4	Number of imprints	51
5.7	Objects settings	51
5.7.1	Text	52
5.7.1.1	Presettings	53
5.7.1.2	Context menu text object	53
5.7.1.3	Generate graphic	55
5.7.2	Date-Time	55
5.7.2.1	Presettings	56
5.7.2.1.1	Tab date and time	57
5.7.2.1.2	Font	59
5.7.2.2	Context menu date/time object	60
5.7.3	Numbering machine	60
5.7.3.1	Presettings	61
5.7.3.1.1	Numbering machine range	62
5.7.3.1.2	Number circle	62
5.7.3.1.3	Font	62
5.7.3.2	Context menu numbering machine object	63
5.7.4	Barcode	64
5.7.4.1	Presettings	64
5.7.4.2	Consecutive numbering/dating	67
5.7.4.3	Context menu barcode object	68
5.7.4.4	Generate graphic	68

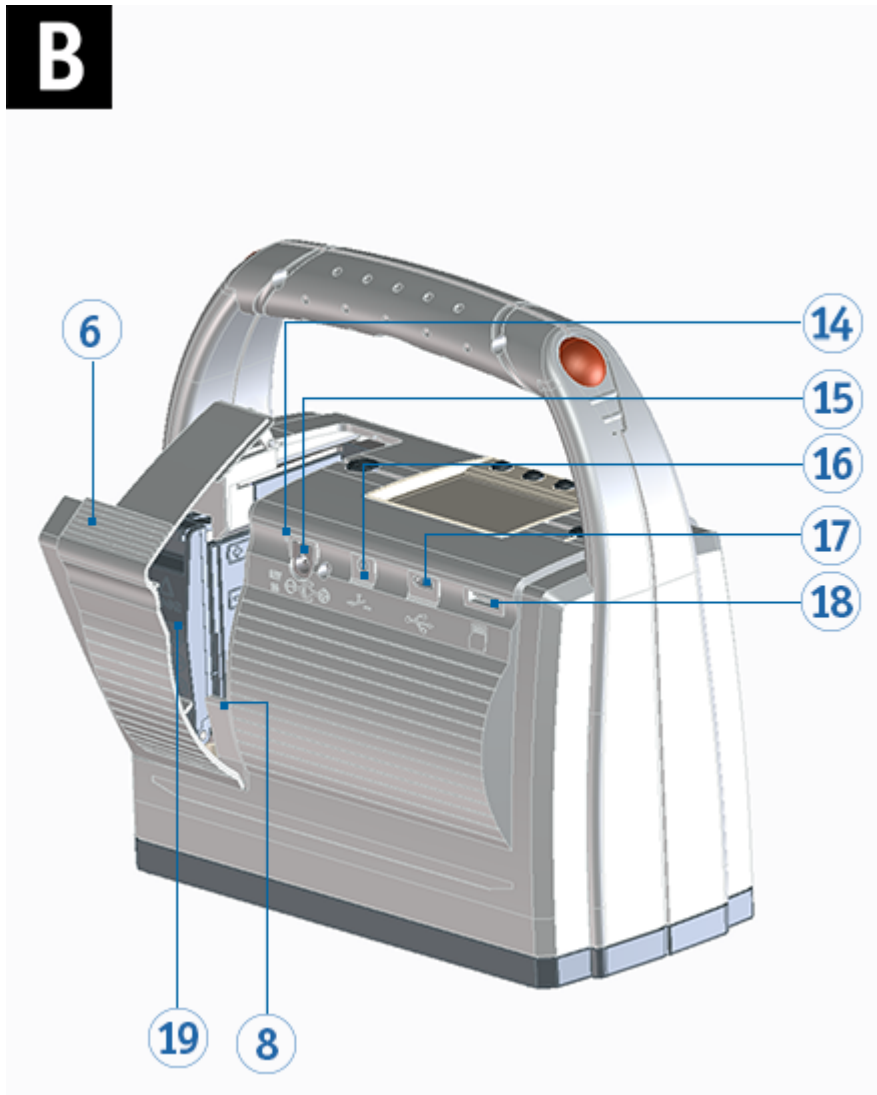
5.7.5	Graphic	69
5.7.5.1	Load graphic dialogue.....	69
5.7.5.2	Context menu graphic object.....	70
5.7.5.3	Generate graphic	70
5.8	External print triggering.....	71
5.8.1	Triggering via external switch	71
VI	Maintenance	72
6.1	Replace print cartridge.....	72
6.2	Cleaning the contacts of the print cartridge.....	75
6.3	Clean nozzles.....	76
6.3.1	Manual nozzle cleaning	77
6.4	Clean seal.....	78
6.5	Replacing the seal.....	78
6.6	Clean housing.....	79
VII	Recognising and Removing Interferences	80
7.1	jetStamp 1025 without function.....	80
7.2	Causes for uncharged batteries.....	81
7.3	Warning messages.....	81
7.4	Correctable error messages.....	82
7.5	Device error messages.....	82
VIII	Technical Data and Accessories	83
8.1	Type Plate.....	83
8.2	Technical Data.....	84
8.3	Transport and Disposal.....	85
8.4	Accessories.....	85
IX	Contact	86
X	Operating instructions	87
	Index	88

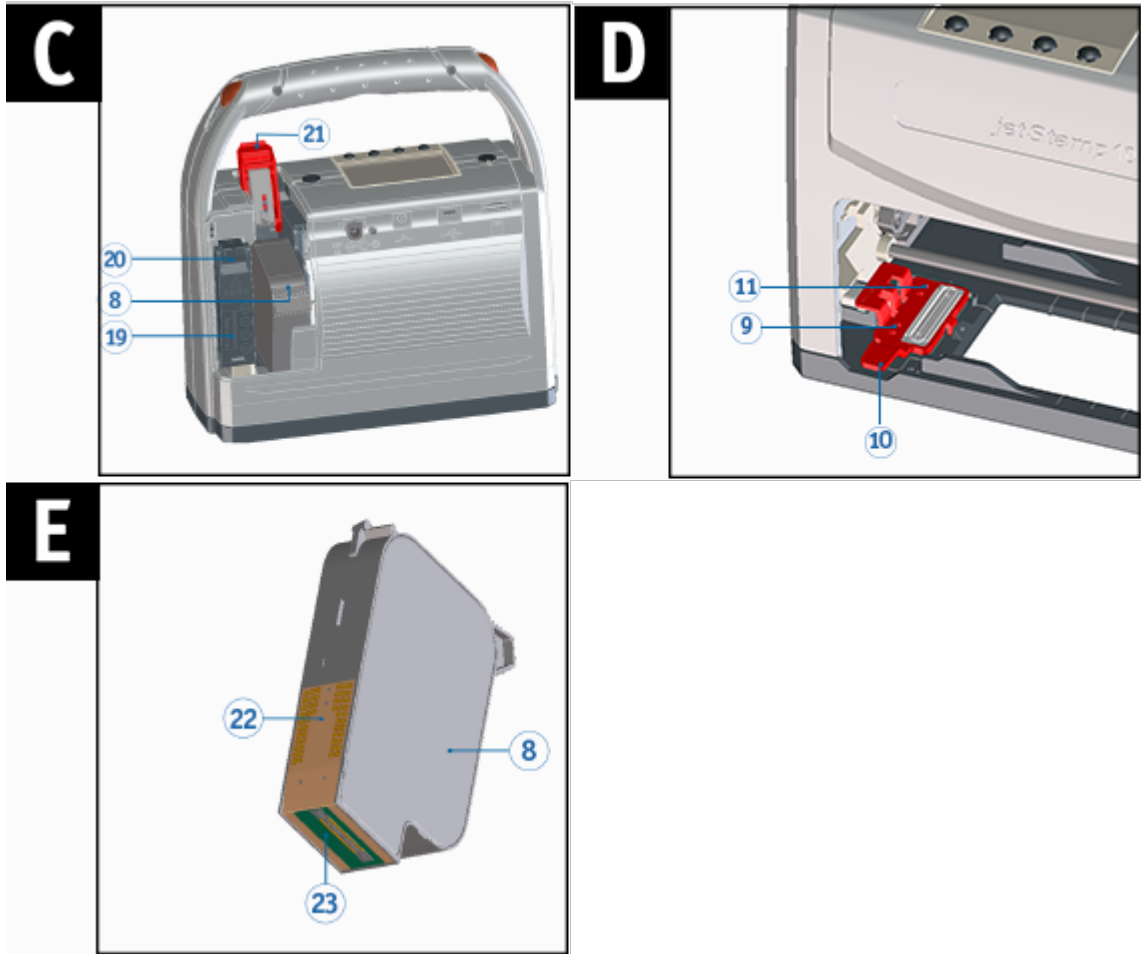
1 Your jetStamp 1025

REINER*jetStamp 1025*

1.1 Operating elements

A





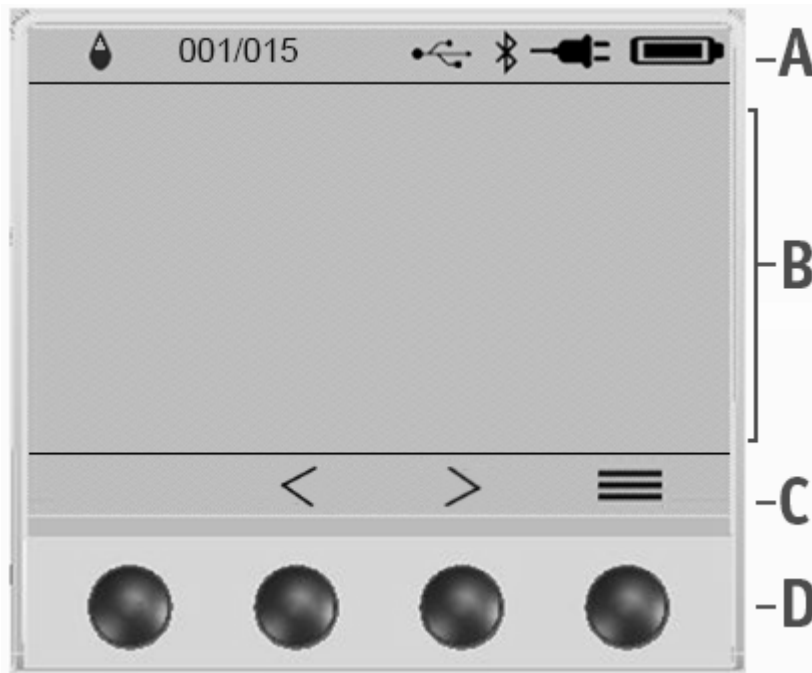
- ① Trigger buttons
- ② Display
- ③ ON/OFF button
- ④ Operating status LED
- ⑤ Function button for print cartridge
- ⑥ Flap for battery and print cartridge compartment
- ⑦ Print carriage
- ⑧ Print cartridge
- ⑨ Seal
- ⑩ Seal retaining clip
- ⑪ Seal tip
- ⑫ Indicators of print position
- ⑬ Print area
- ⑭ Charging indicator
- ⑮ Connection socket for mains adapter
- ⑯ Jack socket for external triggering
- ⑰ Micro USB socket
- ⑱ Micro SD card slot
- ⑲ Battery compartment
- ⑳ Locking mechanism battery compartment
- ㉑ Locking mechanism print cartridge
- ㉒ Print cartridge contacts
- ㉓ Nozzles print cartridge

Operating status LED ④	Description
Permanently lit "green"	Device is active.
Short flashing in 4 seconds interval	Device is in energy-saving mode.











1.2 Display and button functions

The display depends on the respective menu context. The starting screen of the main menu is displayed.

The display is structured according to the following sections:




A Header

- 



 Ink level
 with empty or wrong cartridge the symbol  appears
- 
 USB connection available
- 001/015 001/... number of the set print image and
 .../015 number of stored print images
- 
 Bluetooth active
- 
 Mains adapter connected
- 
 Battery level
- 
 Battery is charging

B Set print image

C Menu bar with menu items and commands

- 
Home
 Access to the main menu.

**Next page**

Forward/back through print images or menu.

**Back**

Returns to the previous display (submenu / main menu / exit from main menu).

**Selection**

Enters the selected menu. Confirms entries and completes function settings.

D Four push-buttons

Each button is always assigned to the menu item or command displayed in the menu bar above it.


1.3 Main Menu

 The menu navigation of the device consists of main and submenus.
There are **6 main menus**:


[Functions](#)
[Lock device](#)
[Activate Bluetooth](#)
[Device info](#)
[Wipe position](#)
[Settings](#)

1.3.1 Functions

Rep. last print image

▶ By selecting  the jetStamp 1025 executes the last executed imprint again.

Reset numb. machine

▶ By selecting  the jetStamp 1025 resets the numbering machine.

1.3.2 Lock device

▶ By selecting  the device lock is activated or deactivated by entering a password.

 Also refer to the software application PCset graphic "[Device safety](#)".

1.3.3 Activate Bluetooth


▶ By selecting  Bluetooth is activated/deactivated.

 Also refer to the software application PCset graphic "[Establish Bluetooth connection](#)".

1.3.4 Device info

Geben Sie hier den Text ein.

1.3.5 Change-wipe position

▶ By selecting  the print carriage is moved to the cleaning/basic position.

 Also refer to the software application PCset graphic "[Manual nozzle cleaning](#)".

 Also refer to the software application PCset graphic "[Replace print cartridge](#)".

 The print carriage can also be moved to Change-wipe position/basic position by pressing the function button for print cartridge .

1.3.6 Settings

[Signals](#)

[Print](#)


[Device security](#)

[Date-Time](#)


[Factory settings](#)

1.3.6.1 Signals


Warning sounds

▶ By selecting  the jetStamp 1025 switches the acoustic signals on/off in case of warnings.

Error sounds

▶ By selecting  the jetStamp 1025 switches the acoustic signals on/off in case of device errors.

Button sounds

▶ By selecting  the jetStamp 1025 switches the button sounds on/off.

1.3.6.2 Print

Intensity

▶ Selection between economical, regular, bold or double printing

Spitting

▶ Selection between off, min, medium, high, or max.

Alignment

▶ Selection between 0 degree and 180 degree rotated print image.

Endless printing


▶ Selection between online inactive or online active.


Only available in connection with a printer driver. For more detailed information, see the section [Downloads - Software](#) in the marking equipment area on the REINER website www.reiner.de.

1.3.6.3 Device security

Change password

▶ Setting the device password.

By pressing  the password is adopted.

-  After entering and activating a password, all print images on the micro SD card are encrypted. The encryption continues to be valid even when installing the Micro SD card in other devices.

Lock device after (device lock after certain time)

- ▶ Setting the time after which the jetStamp 1025 is locked again.

1.3.6.4 Date-Time

Change clock


- ▶ Setting the time of the jetStamp 1025.

Summertime

- ▶ Setting the summer time.

1.3.6.5 Miscellaneous

Factory Reset

- ▶ By selecting  the jetStamp 1025 is reset to the delivery state.

Protocol

- ▶ Selecting “on” causes every imprint (time, print image, numbering machine 1) to be logged in the file “protfile.txt” on the SD card.

2 Important Notes

Before commissioning of the *jetStamp* 1025, always read the operating instructions and in particular the safety notes with care. This prevents insecurities in handling of the marking devices and connected safety risks to keep you safe and avoid damage to the device.

[Rechargeable batteries](#)

[Micro SD card](#)

2.1 Rechargeable batteries

The charging of the batteries is electronically controlled. This ensures that the battery cells are charged optimally and carefully.

Recharging


- ▶ Fully charge rechargeable batteries before first use. Duration approx. three hours.

After the first full charge, the batteries do not yet reach full capacity. You must expect that the normal service times will be undercut.

Reaching full capacity

Full capacity is achieved when the batteries are completely discharged and charged several times.

2.2 Micro SD card

-  The Micro SD card may only be removed when the device is switched off. Switching off only permitted via the ON/OFF button.

3 Your Safety

[Safety, Description](#)

[Safety notes on rechargeable batteries](#)

[Safety notes](#)

[Safe handling of print cartridges](#)

3.1 Safety, Description

DANGER

Warnings of dangers that lead to **death or severe injury directly** if not observed.

WARNING


Warnings of dangers that may lead to **death or severe injury** if not observed.


CAUTION

Warnings of dangers that may lead to **injury** if not observed.

NOTICE

Warnings of dangers that may lead to **property damage** if not observed.

 Observe the operating instructions.

 You are asked to perform actions here.

 Notes and advice to make handling your *jetStamp 1025* even easier.

 Notes on instruction videos.

3.2 Safety notes on rechargeable batteries

Rechargeable batteries are subject to wear. A longer service life than six months cannot be warranted.

WARNING

Possible explosion in contact with fire.

- ▶ Do not forcefully open rechargeable batteries.
- ▶ Do not expose rechargeable batteries to severe heat.
- ▶ Do not expose rechargeable batteries to extremely low barometric pressures.
- ▶ Batteries may grow hot in case of defects. Never try to remove any hot batteries from the battery compartment.

CAUTION

Injuries resulting from destruction of the battery when using unsuitable rechargeable batteries or non-rechargeable batteries.

- ▶ Only use the batteries intended for the device.

Type usage

Use only the enclosed mains adapter to charge the rechargeable batteries.

Only use rechargeable batteries (four each) of the type nickel metal hydride (REINER item number: 946 192 - 000) of the type AA.

Always replace all flat rechargeable batteries at once.
Unauthorised batteries may cause damage or malfunction.

- ▶ Use only prescribed rechargeable batteries.

Insertion

Observe polarity of rechargeable batteries when inserting, refer to symbols!

3.3 Safety notes

⚠ CAUTION

Possible tripping and damage to the device due to device lines lying freely in the room.

- ▶ Place the device lines so that they do not pose a danger source!

NOTICE

Damage to the device at improper transport.

- ▶ Only use packaging that provides protection from impact and shock for the device!

NOTICE

Damage to the device by dewing.

- ▶ Before commissioning, wait until the device has reached room temperature and is completely dry!

3.4 Safe handling of print cartridges

⚠ WARNING

Possible blindness due to eye contact with ink.


- ▶ Do not point the *jetStamp* 1025 nozzles against people's faces!

⚠ CAUTION

Damage to health caused by ingestion of ink.

- ▶ Do not swallow!
- ▶ Keep the print cartridge out of the reach of children!

4 Prepare and Commission

 Only connect the device to the PC after the PCset graphic software has been installed (see [“Install PCset graphic software”](#)).
The required USB drivers are installed along with the PCset graphic software. Once the PC and device are connected, the USB drivers will be detected and loaded automatically. If the device is connected while the PCset graphic software is not installed, installation of the device drivers will fail.

 The menu navigation on the device is in English only.

[Commissioning](#)

[Insert print cartridge](#)

[Execute test print](#)


[Saved print images](#)



[Activate Bluetooth](#)

[Install PCset graphic software](#)

[Firmware update](#)

4.1 Commissioning

 The power outlet must be easy to reach from the mains adapter. In order to completely disconnect the device from the mains, the mains adapter must be pulled from the outlet.

 The device may only be switched off via the ON/OFF button .
Switching off by removing the rechargeable battery can lead to data loss.

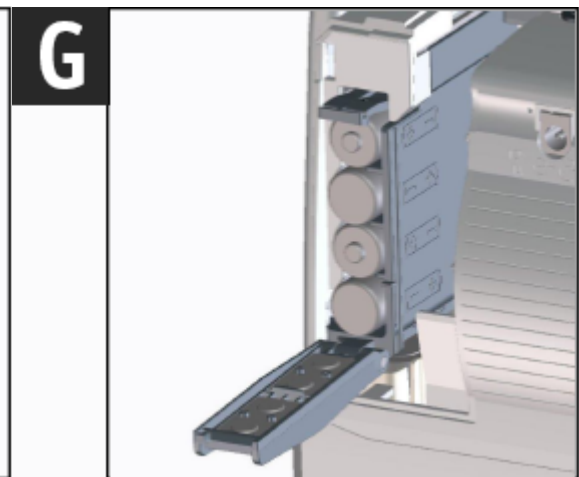
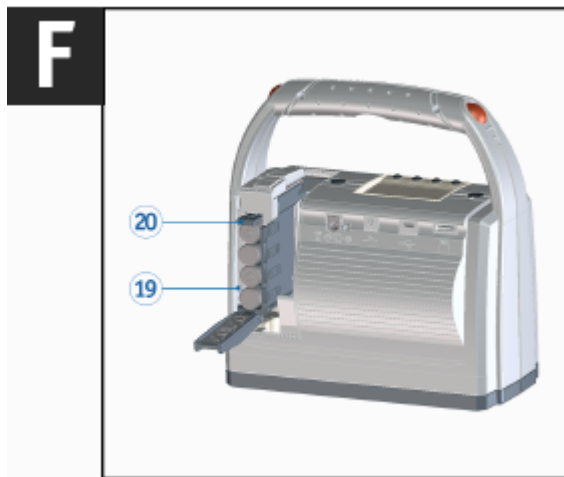
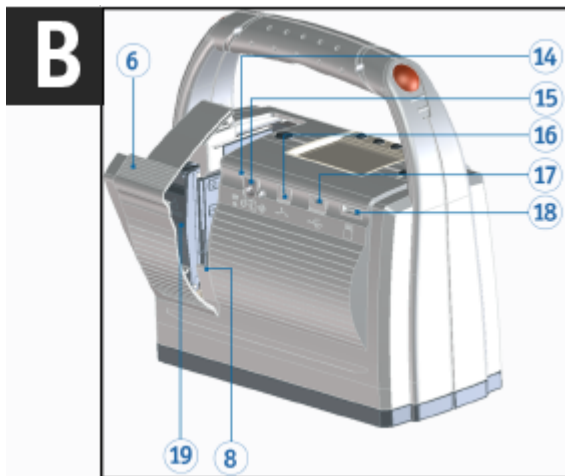
[Insert rechargeable batteries](#)

[Charge rechargeable batteries](#)

4.1.1 Insert rechargeable batteries

Insert rechargeable batteries ⇨ Fig. **B** + **F** + **G**

i The batteries must be fully charged before first use. The charging time is approx. three hours. The batteries are charged when the green charging indicator is off **14**.



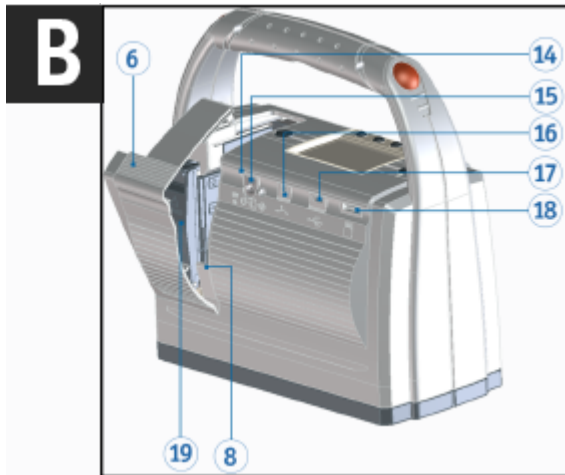
Always replace all flat rechargeable batteries at once. When the batteries are removed, the date, time and counter reading of the numbering machines are maintained.

- ▶ Open flap for battery and print cartridge compartment **6**.
- ▶ Push the battery compartment locking **20** upwards until the locking can be opened.
- ▶ Open battery compartment **19**.
- ▶ Ensure correct polarity and insert batteries.
- ▶ Close battery compartment **19**.

- ▶ Close flap for battery and print cartridge compartment **6**.

4.1.2 Charge rechargeable batteries

Charge rechargeable batteries ⇒ Fig. **B**



i Only connect the device to the PC after the PCset graphic software has been installed (refer to "[Install PCset graphic software](#)").
With the installation of the PCset graphic software, the required USB drivers are installed. If a connection is established between the PC and the device, the USB drivers are automatically detected and loaded. If the device is connected without installing the PCset graphic software, the installation of the device drivers fails.

- ▶ Connect the mains adapter of the device to the connection socket provided for the mains adapter **15** and connect it to the mains.
Green charging indicator **14** lights up.
Charging is complete when the charging indicator **14** is off.

4.2 Insert print cartridge

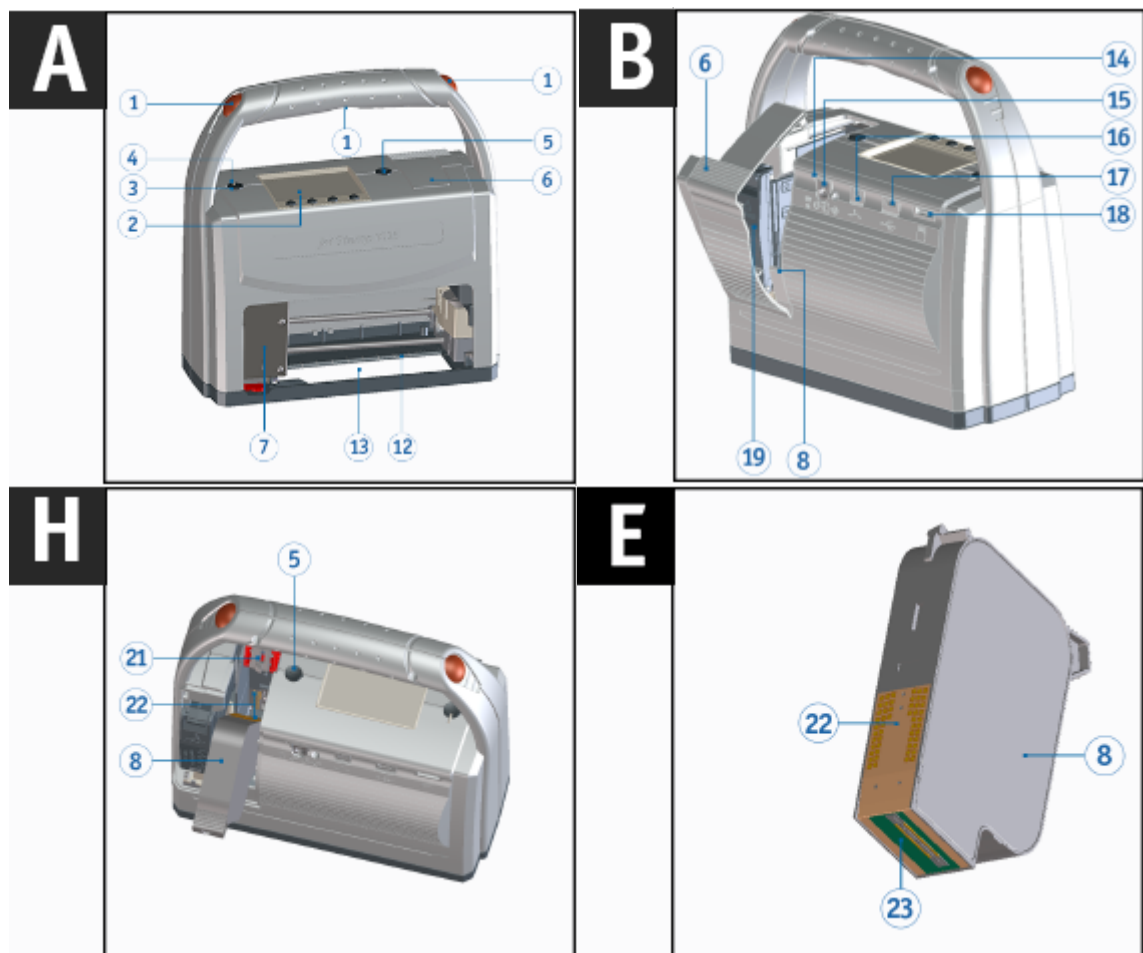
i Different seals are required depending on the type of ink used (refer to "[Replacing the seal](#)").

i Use seal of the enclosed print cartridge.

⚠ CAUTION

Damage to health caused by ingestion of ink.

Insert print cartridge ⇨ Fig. **A** + **B** + **H** + **E**



- ▶ Switch on the device via the ON/OFF button **3**.
The operating status LED **4** lights up green.
- ▶ Press function button for print cartridge **5**.
Print carriage **7** moves to the right into the Change-wipe position.
- ▶ Open flap for battery and print cartridge compartment **6**.
- ▶ Push the print cartridge locking **21** slightly upwards and open it.

- ▶ Unpack the print cartridge **8** and remove the clip. (see operating instructions for the print cartridge P5).
- ▶ Place the device on a firm surface.
- ▶ Hold print cartridge locking **21**.
- ▶ Insert the print cartridge **8** as shown in the figure **H**. Make sure it slides all the way down.
- ▶ Close the print cartridge locking **21**.
- ▶ Close flap for battery and print cartridge compartment **6**.
- ▶ Install a new seal **9** into the device, holding the retaining clip of the seal in place **10**.
- ▶ Insert seal tip **11** into the notch.
- ▶ Press the seal **9** slightly down until it snaps into place in the holder.
- ▶ Press function button for print cartridge **5**.
The print carriage **7** returns to the basic position.

i The Change-wipe position can also be selected via the display menu.

i In the basic position, the seal **9** prevents the ink from drying out (refer to "[Clean nozzles](#)")

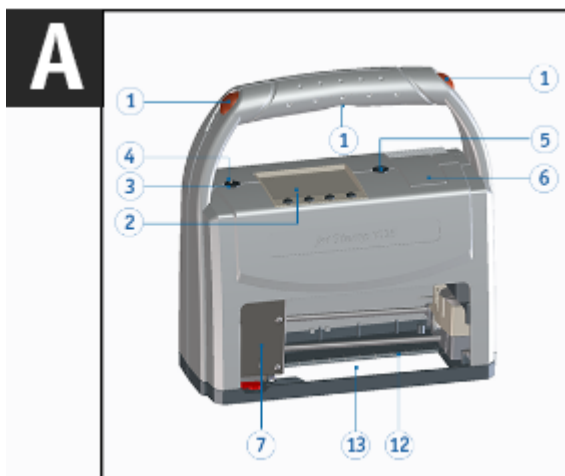
4.3 Execute test print

⚠ WARNING

Possible blindness due to eye contact with ink.


Execute test print ⇨ **Fig. A**

i The *jetStamp* 1025 is delivered with several pre-programmed sample print images.



- ▶ Switch on the device via the ON/OFF button **3**.

The operating status LED  lights up green.

- ▶ Place the device on a flat surface to be printed.
- ▶ Press any trigger button .
The print image selected in the menu is printed.


4.4 Saved print images





 All transferred print images are stored on the micro SD card.
The number of print images to be stored is limited to 255.

- ▶ The number of the set print image is shown at the top of the display
Ex. 001/015 - number of active print image / number of saved print images.


4.5 Activate Bluetooth

 Bluetooth cannot be activated while an USB connection is active.

 If Bluetooth is active, the battery runtime reduces since Bluetooth is active in standby mode as well.

- ▶ To activate Bluetooth, press the Home  button, select Bluetooth  on display  in the **menu - Bluetooth** -and select Activate Bluetooth 
- ▶ To establish the Bluetooth connection with the device, follow the instructions "[Establish Bluetooth connection](#)".

4.6 Install PCset graphic software

 The installation must be carried out on a commercially available local PC.
A virtualised PC or thin client is not suitable.

[System requirements](#)

[Install software](#)

4.6.1 System requirements

Supported REINER devices

- *jetStamp graphic 970*
- jetStamp graphic 1025
- REINER 940

Hardware

- Graphics adapter with a min. resolution of 1280 x 1024 pixels
- Memory 32 MB min.
- 200 MB free hard disk space
- 1 free USB interface or Bluetooth


Supported operating systems

- Windows 7, Windows 7 64 Bit, Windows 8, Windows 8 64 Bit, Windows 10, Windows 10 64 Bit

4.6.2 Install software






Administrator rights on the PC are required for the installation.

- ▶ Insert installation medium (USB stick or CD) in your PC.
- ▶ If the installation program does not start automatically, start the file "**Setup_PCsetgraphic.exe**".
- ▶ Follow the instructions of the installation program.

 You can also download the software on our homepage in the products area jetStamp 1025 by clicking [Downloads - Software PCset graphic](#).

4.7 Firmware update

The latest firmware for the *jetStamp 1025* can be downloaded from the REINER website, www.reiner.de in the [downloads](#) section.

-  Uploading print images that were not saved on the PC (see "File "). Ensure that the PCset graphic is installed on your PC but **not** opened before the firmware update is started. While the firmware update is being installed, the *jetStamp 1025* must not be switched off or removed from the supply voltage.
- ▶ Connect the mains socket  to the supply voltage via the power supply unit.
 - ▶ Connect the micro USB socket  to the PC via the USB cable.
 - ▶ To turn on the device, press the ON/OFF button .
The operating status LED  lights up green.
 - ▶ **Unpack "Firmware update"** and start "**jetStamp1025_Firmware_xxxx.exe**". The firmware is installed automatically. After a successful firmware update, the PCset graphic can be opened again.

5 The PCset graphic software application

[Get jetStamp 1025 ready for PCset graphic](#)

[Starting the software](#)

[Operator interface](#)

[Establish Bluetooth connection](#)

[Example workflow: Generate print image](#)

[Objects settings](#)

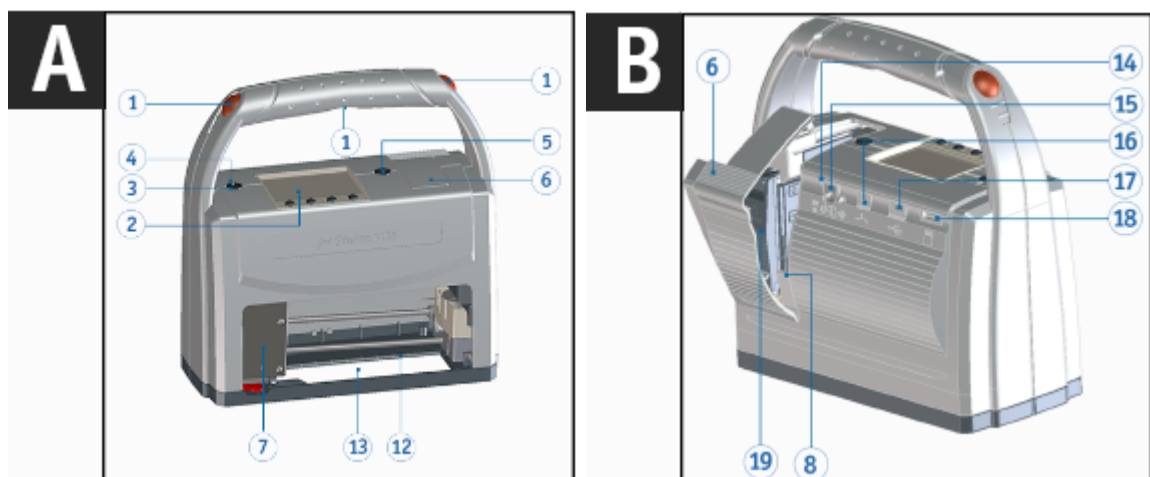
[External print triggering](#)

Supported REINER devices

- jetStamp 1025
- jetStamp graphic 970
- REINER 940

5.1 Get jetStamp 1025 ready for PCset graphic

Get jetStamp 1025 ready for PCset graphic ⇨ Fig. **A** + **B**



i The PCset graphic software must first be installed so that the device can be recognised correctly by the PC.

▶ Connect the micro USB socket **17** to the PC via the USB cable.

- ▶ To turn on the device, press the ON/OFF button **3**.
- ▶ The operating status LED **4** lights up green.
The PC recognises the *jetStamp 1025* as a new USB device.
The device driver software is installed automatically.

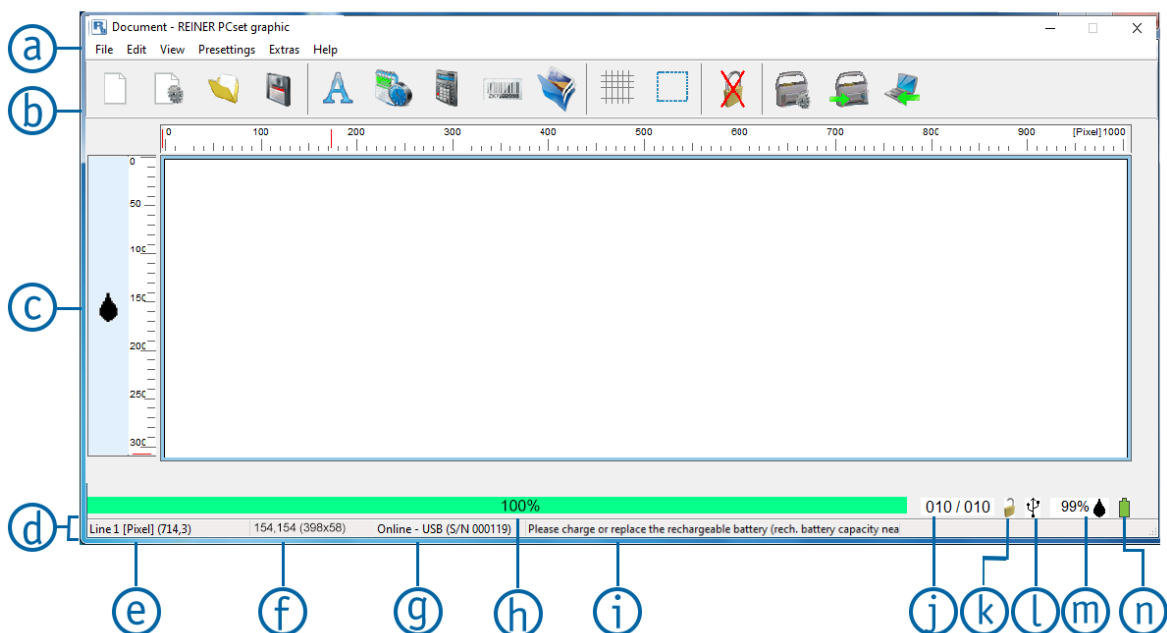
5.2 Starting the software

- ▶ Double-click the **REINER PCset graphic icon** .
The PCset graphic software is started.


5.3 Operating interface


The operating interface is divided into four sections:

- a** Menu bar with both Windows typical and PCset graphic specific functions
- b** Toolbar
- c** Section for the design of the print image
- d** Bar with various [status indications](#).

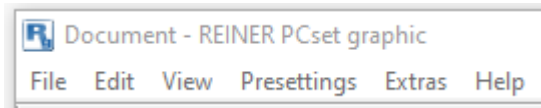


- a** [Menu bar](#)
- b** [Toolbar](#)
- c** Print image
- d** [Status indicators](#)
- e** Cursor position
- f** Object position [object size]
- g** Object size
- h** Transfer process
- i** [Device messages](#)
- j** Imprint numbers
- k** [Device security](#)
- l** Connection
- m** Ink level indicator
- n** Ink level indicator

 Online/offline (connected device with serial number)

 Charge indicator

5.3.1 Menu bar



In the menu bar you will find both common, self-explanatory standard commands as well as PCset graphic-specific menu commands. The latter can usually also be called via the toolbar symbols.

[File](#)

[Edit](#)

[View](#)

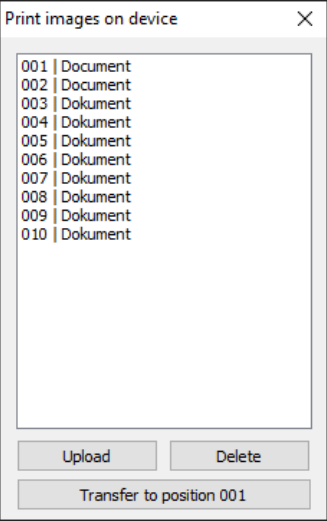
[Presettings](#)

[Extras](#)

[Help](#)

5.3.1.1 File

Function	Description
New	Reset the display. Delete the displayed draft.
Open	File selection menu for loading previously saved print images.
Save	Save the displayed print image as XML file.
Save as	The dialogue for saving the print images appears.
Device settings	Configure print settings, signal, function, and font.
Print image transfer	The displayed print images are transferred to the device.
Print image upload	Load the active print image in the device for editing.
Print image management	Displays an overview of the print images in the device:

	 <p>Print images on device</p> <p>001 Dokument 002 Dokument 003 Dokument 004 Dokument 005 Dokument 006 Dokument 007 Dokument 008 Dokument 009 Dokument 010 Dokument</p> <p>Upload Delete</p> <p>Transfer to position 001</p> <p>Upload: The chosen print image can be uploaded onto the PC.</p> <p>Delete: The selected print image is deleted.</p> <p>Transfer to position xxx: The current print image is transferred to the chosen position.</p>
Search for REINER Bluetooth devices	Searches for REINER Bluetooth devices.
Last opened	Displays the last opened print images.
Exit	Exits the PCset graphic.

5.3.1.2 Edit

Function	Description
Undo	The last actions performed are undone.
Delete	Deletes selected objects.
Copy	Load selected content to the clipboard.
Insert	Paste content from the clipboard.
Cut	Delete selected contents and load them to the clipboard.

5.3.1.3 View

Function	Description
Grid	Set grid.
Zoom	50, 100, 200
Display lock in toolbar	Show or hide device safety button.
REINER 940	Operating interface REINER 940 appears.
jetStamp graphic 970	Operating interface jetStamp graphic 970 appears
jetStamp 1025	Operating interface JetStamp 1025 appears.

5.3.1.4 Presettings

Function	Description
Text	Settings for text objects can be configured.
Date-Time	Settings for Date-Time objects can be configured.
Numbering machine	Settings for numbering machine objects can be configured.
Barcode	Settings for barcode objects can be configured.











5.3.1.5 Extras

Function	Description
Device safety	The device safety locks the print and protects the print data from misuse. Set password, lock device, unlock device
SF module	Service and maintenance module for REINER.

5.3.1.6 Help

Function	Description
Help	Help with detailed configuration instructions and the operating instructions in electronic form.
Info	Release notes for the software. If the <i>jetStamp 1025</i> is connected, information on model, serial number, firmware version and device options are also displayed.

5.3.2 Toolbar

Toolbar	Menu command	Description
	New	Reset the display. Delete the displayed draft.
	Font	Displays the font.
	Open	File selection menu for loading previously saved print images.
	Save	Save the displayed print image as an RPSG file.
	Grid	Activates the grid for aligning objects.
	Selection	Rectangle for selecting objects or for editing the graphic in the print area.
	Device safety	The device safety may be set (refer to " Device safety "). The "View" tab allows you to show or hide the device safety button by clicking on "Display lock in toolbar".
	Device settings	Displays the device settings.
	Transfer	The displayed print image is transferred to the device. The current print image on the jetStamp 1025 is shifted backwards.
	Upload	Load the current print image of the jetStamp 1025 for editing.

5.3.2.1 Grid



The print area is divided into the selected raster size.

The screenshot shows a dialog box titled "Set password" with a close button (X) in the top right corner. It contains two text input fields: "Password" and "Repeat password", both containing four dots. Below the fields are three buttons: "Deactivate password protection", "Cancel", and "Set password".

Units

Grid/ruler/mouse position/object size are displayed in the selected unit.

Unit	Description
mm	Ruler is subdivided into mm .
inch	Ruler is subdivided into inch .
Pixels	Ruler is subdivided into pixels .


5.3.2.2 Selection








- ▶ Activate "Selection".
- ▶ Hold down the left mouse button and draw a selection frame along the desired area.
- ▶ Release left mouse button.
All objects and backgrounds contained in the frame are selected and can be cut, copied or deleted.

5.3.3 Objects

Print images are composed of objects from the five object groups described below. Objects can be placed freely using drag & drop (refer to "[Example workflow: Create print image](#)").

 The format of each object group can be configured individually. Menus for format settings are opened by right-clicking on the respective object.

Toolbar ^b	Command	Description
	Text	Enter the desired text at the cursor position. The font and font style depend on the text format you have selected. A double-click on the text terminates the text input mode. Press Ctrl+Enter to jump to the next line. Text can also be pasted via the Windows clipboard. The font size is automatically adjusted to the grid height when the grid is enabled.
	Date-Time	Font, font style, font size and format can be set individually (refer to " Font " and " Presettings ").
	Numbering machine	The numbering machine is used for consecutive numbering. Starting value, step and font orientation, as well as font, font style and font size can be set (refer to " Presettings ").
	Barcode	Various barcode formats are available in the format settings (refer to " Presettings ").
	Graphic	After inserting a graphic object, a file selection window opens. Select the desired graphic and confirm with "Open".

5.3.4 Device safety




[Device safety](#)

[Unlock device](#)




[Lock device](#)

5.3.4.1 Device safety

The device safety locks the print and protects the print data from misuse.

- ▶ The device safety can be set in the menu bar ^a by clicking the tab "Extras → Device safety" or in the toolbar ^b via the buttons  /  / .

Three functions can be selected:

-  Device safety is deactivated.
-  Device safety is activated.
Print images **cannot** be transmitted and printed without entering a password.
-  Device safety is activated.
Print images can be transmitted and printed **without** entering a password.


[Set password](#)

[Disable password protection](#)




[Forgotten password](#)

5.3.4.1.1 Set password

i "Set password" activates device safety and protects the print data from misuse.



- ▶ To **activate** device safety, select the "Extras" tab in the menu bar **a** and click "Device safety → Set password" or click the button  in the toolbar **b**.
- ▶ Enter a password.
- ▶ Repeat the password.

The password may contain a maximum of 4 characters.
The following characters can be used: 0-9.

- ▶ To activate the device safety, click on the "Set password" button.
In the toolbar **b** the symbol changes from  to  and in the status indicator **d** appears the symbol .

5.3.4.1.2 Disable password protection

i "Deactivate password protection" deactivates device safety.

- ▶ To ensure the safety of the device **deactivate** in the menu bar **a** the tabSelect "Extras" and "Device safety → Click on Set password".
- ▶ Click on "Deactivate password protection".
In the toolbar **b** the symbol changes from  to .

5.3.4.1.3 Forgotten password

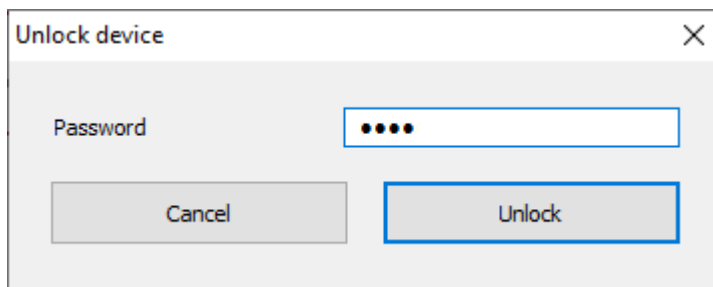
- i** When resetting the password, the *jetStamp 1025* is reset to the factory setting. All saved print images are deleted.
- i** The password can only be reset when the *jetStamp 1025* has no device error.




If the set password has been forgotten, it can be reset as follows:

- ▶ Simultaneously press the two middle menu buttons (refer to chapter 1.2 (D)) and the trigger button **1** for approx. 10 seconds.
When the password is reset, a warning signal is emitted.

5.3.4.2 Unlock device







- i** Print images can be transmitted and printed **without** entering a password.



- ▶ To **unlock** the device, select the "Extras" tab in the menu bar **a** and click "Device safety → Unlock device" or click the button .
- ▶ Enter password and click "Unlock".
In the status indicator **d** and in the toolbar **b** the symbol changes from  to .

5.3.4.3 Lock device

- i** Print images **cannot** be transmitted and printed without entering a password.

- ▶ To **lock** the device again, select the "Extras" tab in the menu bar  and click "Device safety → Lock device".
- OR -
- ▶ Click on the button .
- OR -
- ▶ Switch the device off and on
In the status indicator  and in the toolbar  the symbol changes from  to .

5.3.5 Device settings

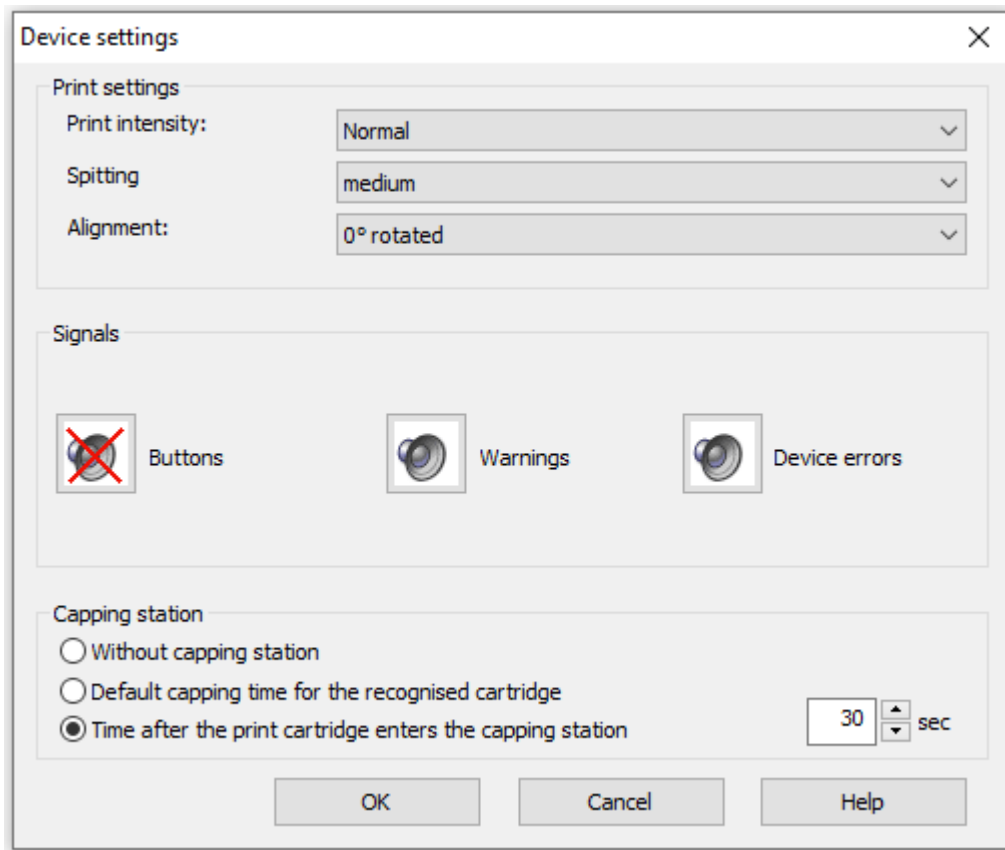
 The device settings can only be selected when a jetStamp 1025 is connected to the PC.

- ▶  Click on the  symbol.
The device settings are opened.

[Print settings](#)

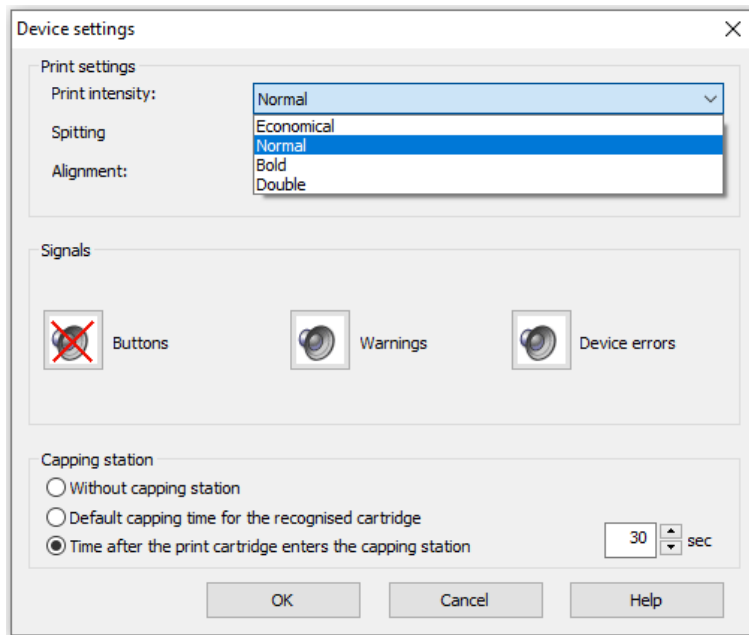
[Signals](#)

[Capping station](#)



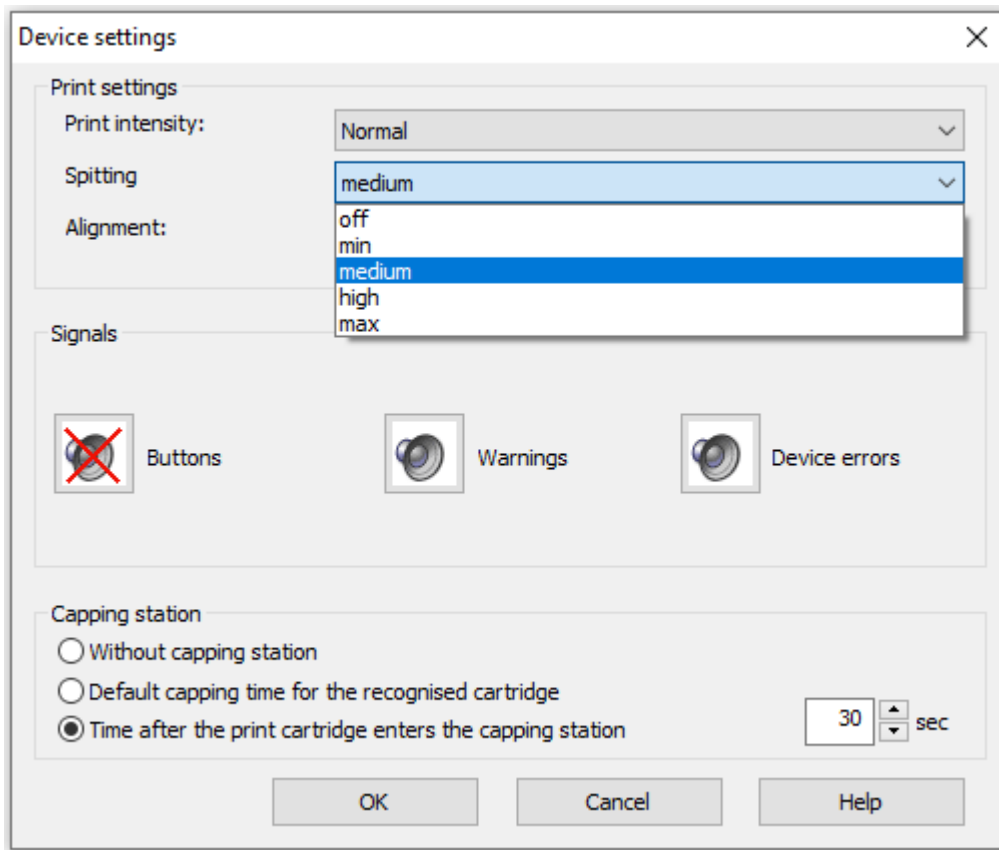
5.3.5.1 Print settings



Function print intensity	Description
Normal	Normal ink consumption.
Economical	Reduction of ink consumption.
Bold	The imprint is printed in bold. Increased ink consumption.
Double	It is printed twice. Increased ink consumption.



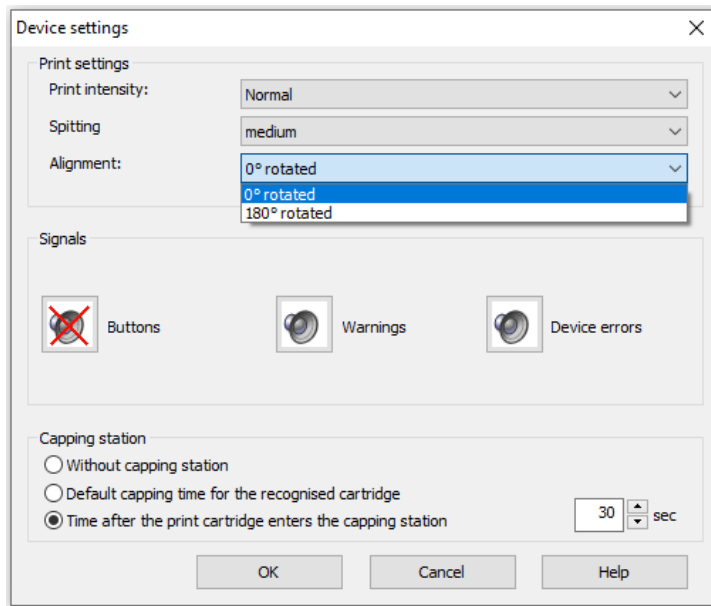
Flushing function	Description
Off	The flushing function is switched off.
Min	Flushing is set to minimum.
Medium	Flushing is set to medium.
High	Flushing is set to high.
Max	Flushing is set to maximum.

i Before each imprint, the nozzles are flushed to different degrees depending on the selected function.



Function alignment	Description
0° rotated	
180° rotated	

i The 180° rotation is not displayed in the PCset.
The device takes the setting into account when printing.

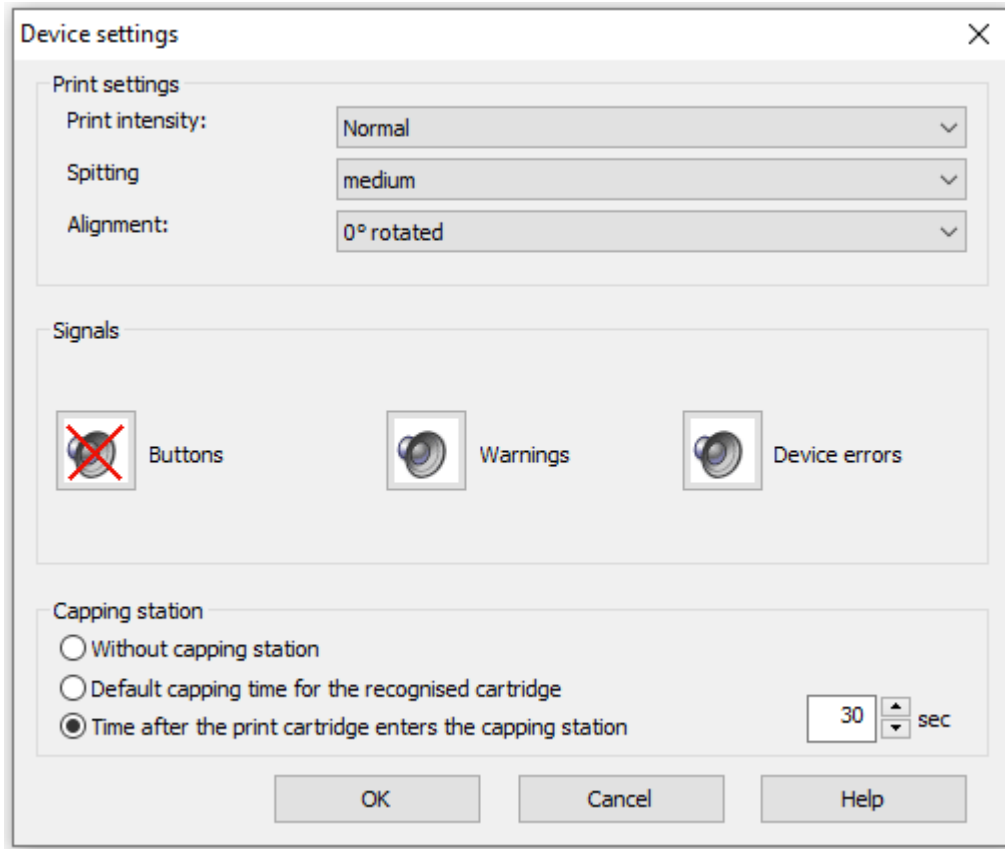


5.3.5.2 Signals

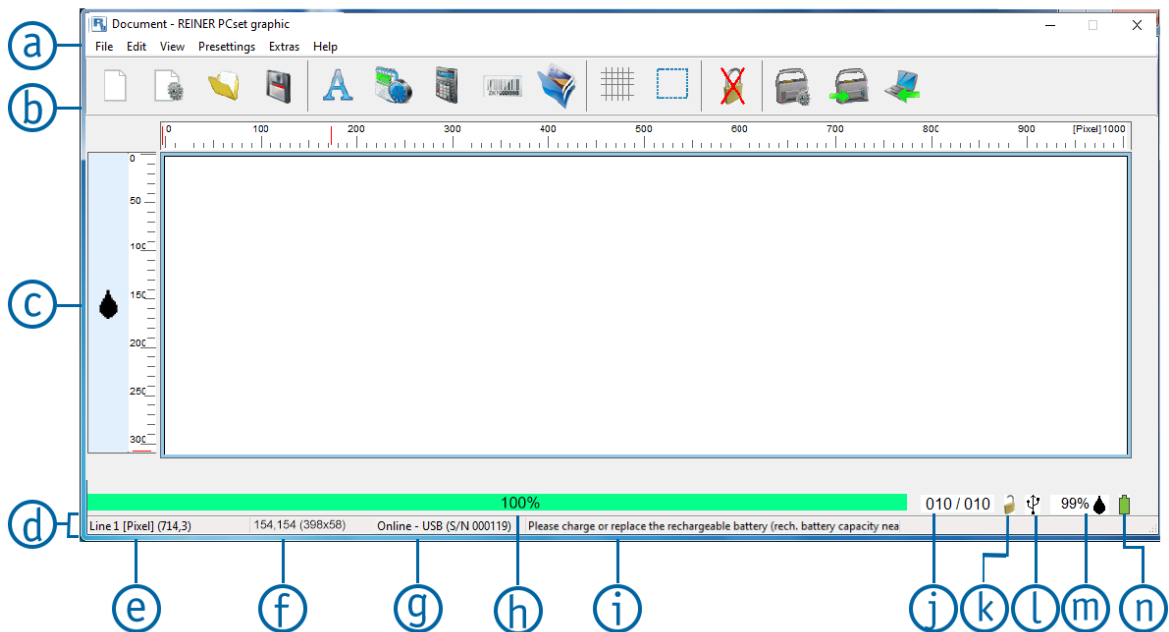
Activation or deactivation of acoustic signals for various events (refer to "[Acoustic signals](#)").

5.3.5.3 Sealing station

















Function sealing station	Description
Without sealing station	The print cartridge never moves onto the seal.
Standard time until the recognised print cartridge moves into the sealing station	The print cartridge moves back into the sealing station after a specific time, depending on cartridge type.
Time after the print cartridge enters the capping station	Depending on the time set, the print cartridge moves back onto the seal after a printing process.



5.3.6 Status indicators

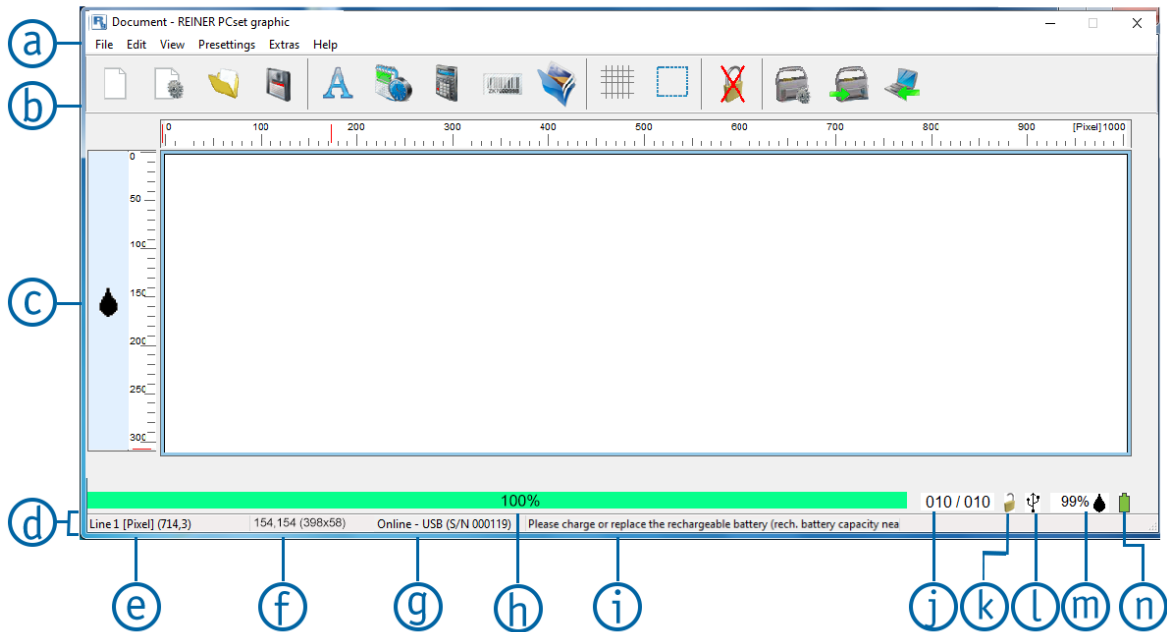


Function	Description	Note
----------	-------------	------

Transfer process 	Indicates the progress of the transfer process of the print image	
Imprint numbers 	005 / 010 005/... Shows the currently chosen print image and .../010 how many other print images are stored on the device	
Device security 	Protects print data from misuse	The device security status depends on the status in which the device is.
	Device security is activated	Print images cannot be transferred and printed without entering a password.
	Device security is deactivated	Print images can be transferred and printed without entering a password.
Connection 	Indicates whether the connection is established via USB or Bluetooth	
	Connection is established via USB	
	Connection is established via Bluetooth	
Ink level indicator 	Indicates the fill level of the print cartridge in %	
Charge indicator 	Indicates the state of charge of the battery	
	Battery is full	
	Battery is charging	
	Battery is empty	
Cursor position 	Displays the position in the print line	The unit of measurement depends on the unit set under grid .
Object position/size 	Position and size of the active/selected object	
Online/offline 	Indicates whether the device is connected to the software	
Online USB	Device is connected via the USB cable	
Online Bluetooth	Device is connected via Bluetooth	
Offline	<ul style="list-style-type: none"> - Device not switched on - USB cable not plugged in - Rechargeable battery empty 	

Device messages ⓘ	Here you will find notes for troubleshooting	
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5.3.7 Device messages



i Device messages **h** in the status indicator.

General warnings

Warnings	Cause	Correction
Please charge or replace the battery	Battery capacity almost empty	▶ Charge battery
Please check the imprint	Print cartridge almost empty	▶ Insert new print cartridge
Please insert a new print cartridge	Print cartridge almost empty	▶ Insert new print cartridge

Warnings for which an imprint is no longer possible

Warnings	Cause	Correction
Please insert print cartridge	No or defective print cartridge Incorrect print cartridge	▶ Insert print cartridge
Please remove the print cartridge and re-insert it	Print cartridge not inserted correctly	▶ Insert print cartridge correctly
Please recharge battery	Rechargeable battery empty No battery/defective battery	▶ Charge battery ▶ Inserting/replacing the battery

Print carriage movement blocked	Print carriage 7 jammed or stiff.	▶ Remove obstacles in the print area or clean the guide of the print carriage.
Last transfer was interrupted.	Defective connection Device was turned off during transfer	▶ Transfer print images again
Device is locked. Please unlock device	Data transfer to a locked device	▶ Unlock the device by entering a password.
Please insert the micro SD card again	Read/write error of the micro SD card	
Please insert the micro SD card again	Error accessing micro SD card	
Print image not released (password), or invalid print image	The print image on the micro SD card was encrypted with a different password than the one set in the device. The print image is invalid because the device was switched off during access.	▶ Change device password or delete print images from micro SD card.
Please delete invalid files on micro SD card	The print image on the micro SD card has an invalid file name.	▶ Delete the print image on the micro SD card.
Please insert the micro SD card again	Connection error with the micro SD card	
Please insert the micro SD card	Micro SD card not available	
Device error xxx	Device error	▶ Disconnect the device from the power supply for approx. 3 seconds (also batteries and USB connection). If the error remains after activation, have the device inspected by the REINER support.

Warnings displayed in a message box

Warnings	Cause	Correction
Transfer error	Device defective or missing connection	▶ Check device/connections and try again
Error during barcode generation	Too few characters entered	▶ 7 characters required ▶ 12 characters required

5.4 Enable print image preview in Windows Explorer

The Windows Explorer offers the possibility to preview files.
The following illustrations show how the preview can be switched on:

Figure 1 Print image preview in Windows Explorer

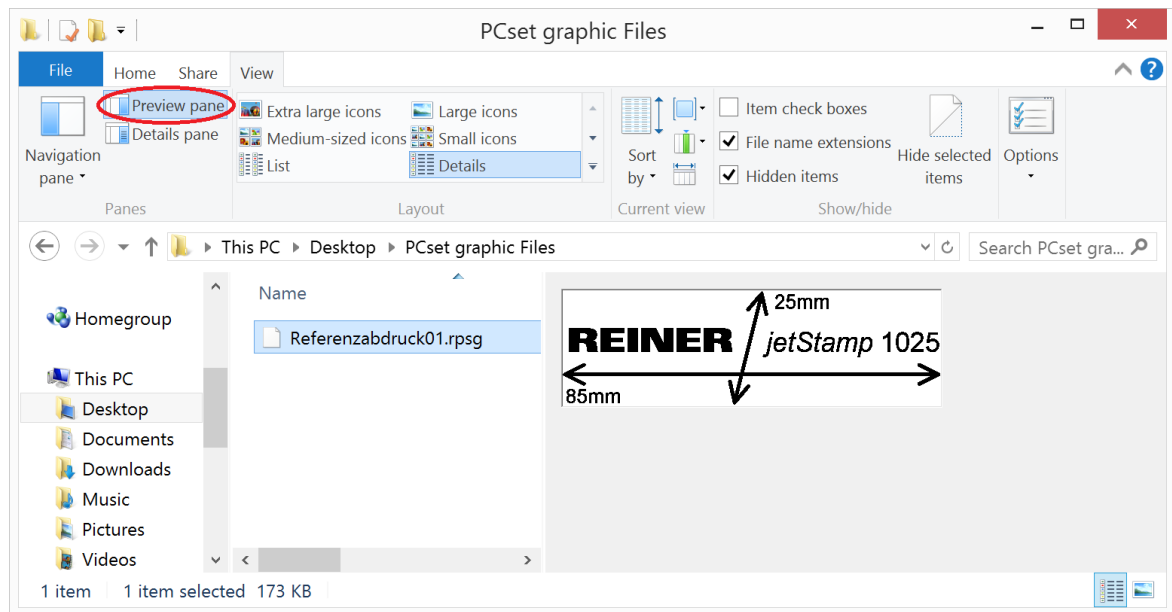
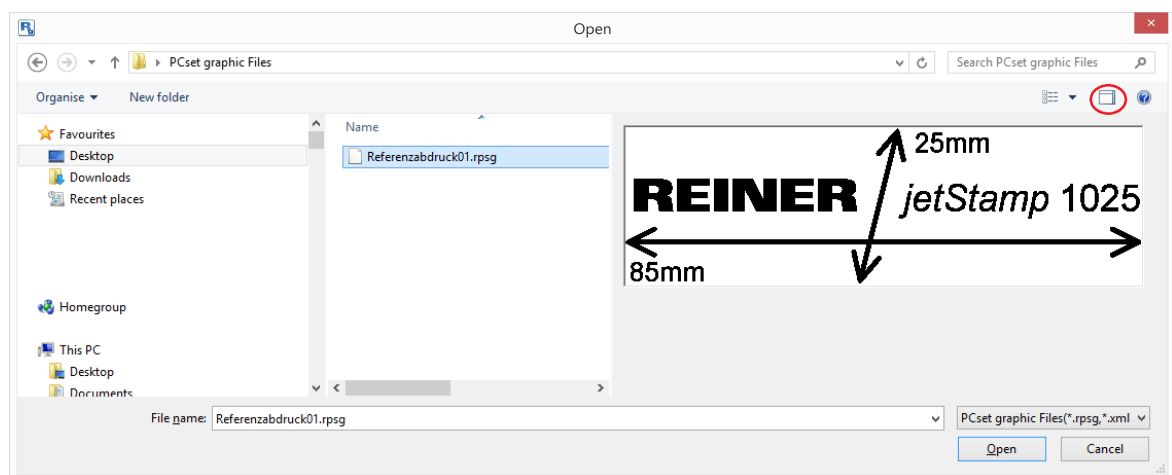



Figure 2 Print image preview in the Open dialogue




5.5 Establish Bluetooth connection

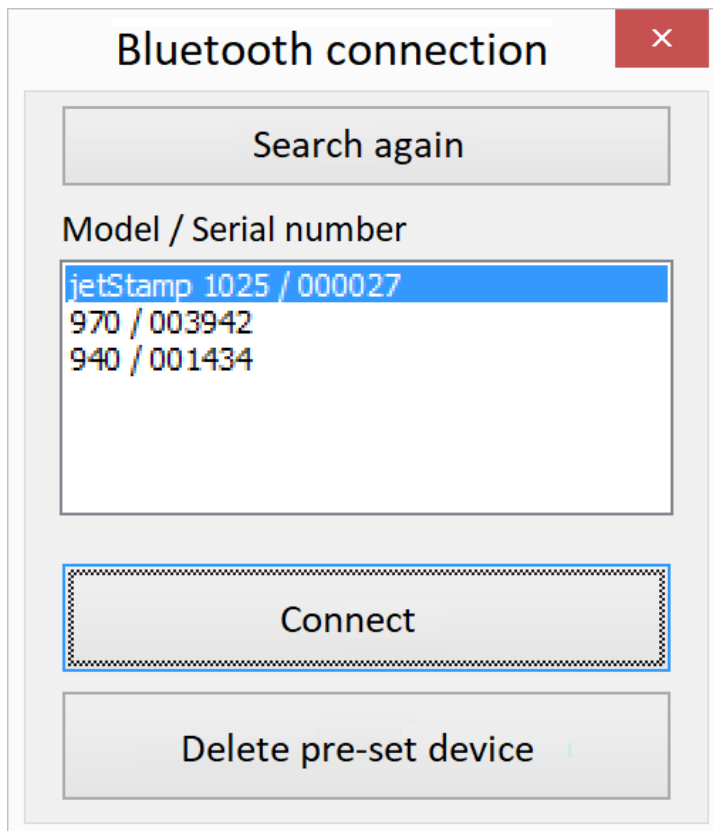
- ▶ To establish a Bluetooth connection, Bluetooth must be activated on the device (refer to "[Activate Bluetooth](#)").


- ▶ Open PCset graphic.
- ▶ In the menu bar  select the "File" tab and click "Search for REINER Bluetooth device".

An automatic search is started.


All devices found, as well as all devices that have already been connected to the PCset graphic, are displayed with model and serial number.

-  If the *jetStamp 1025* is not found, a new search run can be started with the "Search again" button.



- ▶ To establish the Bluetooth connection, select the corresponding device in the list and click "Connect".
A pop-up menu "Connection via Bluetooth device" opens in the Windows status bar.
- ▶ After a short time the *jetStamp 1025* is connected to the PCset graphic.
-  The connected device is saved as a permanent connection so that the PCset graphic always connects to this device as soon as it is available.
- ▶ To cancel the permanent connection, click the "Delete pre-set device" button in the Bluetooth dialogue or establish a connection with another device.

5.6 Example workflow: Generate print image

 When you load your own print images, the print images stored in the device will be shifted. The factory pre-installed print images can be uploaded to the software in advance and saved as RPSG files ("[Menu commands Toolbar](#)").

[Configure print image](#)



[Transfer print image to jetStamp 1025](#)

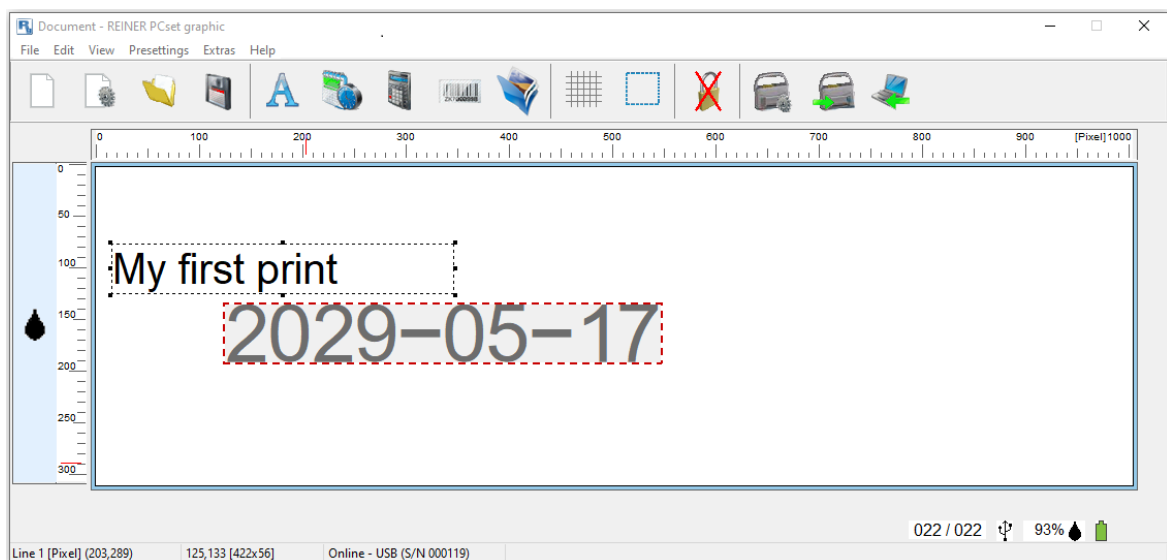
[Print the print image](#)

[Number of imprints](#)

5.6.1 Configure print image

Insert text and Date-Time

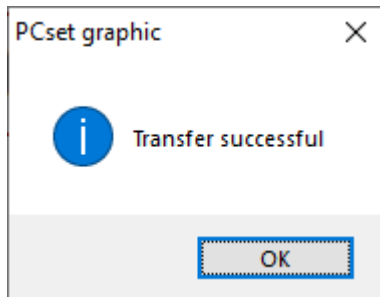
- ▶ To create a text object, use the left mouse button to drag the **text symbol**  to line 1 (print image 1) and release it at the desired position.
- ▶ Write the desired text into the text field.
- ▶ To place the text object, double-click in the text field.
- ▶ To create a Date-Time object, use the left mouse button to drag the **Date-Time symbol**  into line 1 (print image 1).
- ▶ Release at desired position.



5.6.2 Transfer print image to jetStamp 1025

- ▶ Click on the **transfer icon** .

If the transfer was successful, the following message appears after a few seconds:

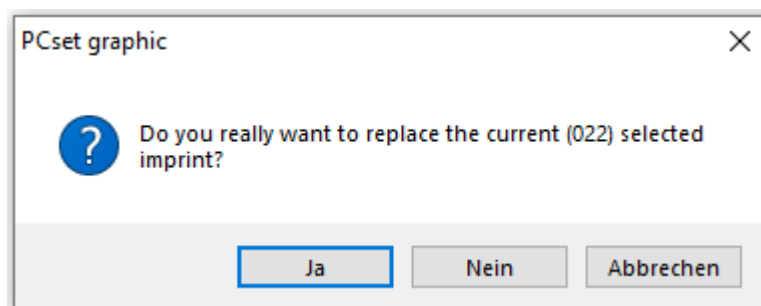


- ▶ Confirm the message with **OK**.
The print image is stored in the *jetStamp* 1025 and can be printed.

5.6.2.1 Replace print image

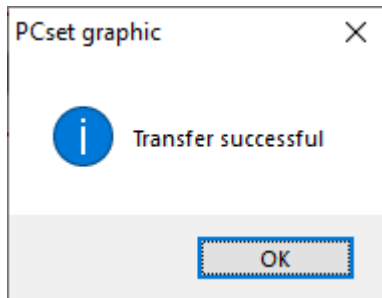
- ▶ Click on the **transfer icon** .

If the device already contains print images, the following dialogue window will appear:



- ▶ Confirm the dialogue window with **Yes** to replace the currently selected print image on the device.
- ▶ Confirm the dialogue window with **No** to keep the currently selected print image on the device. Instead, a new print image is generated and appended at the rear.

If the transfer was successful, the following message appears after a few seconds.



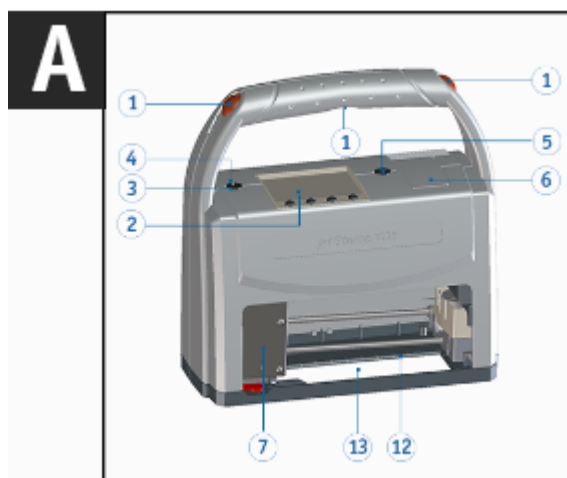
- ▶ Confirm the message with **OK**.
The print image is stored in the *jetStamp* 1025 and can be printed.

5.6.3 Print the print image



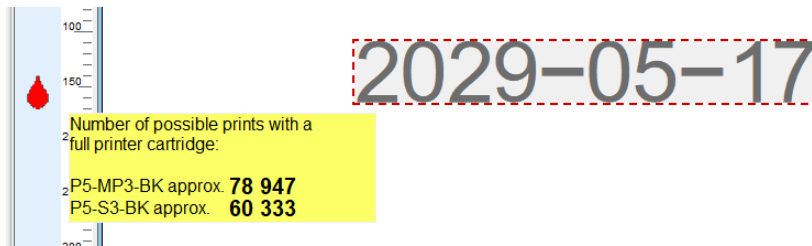
Possible blindness due to eye contact with ink.

Print the print image ⇔ Fig. **A**



- ▶ Switch on the device via the ON/OFF button **3**.
- ▶ The operating status LED **4** lights up green.
- ▶ Place the device on a surface to be printed.
- ▶ Press any trigger button **1**.
The print image shown on the display is printed.

5.6.4 Number of imprints



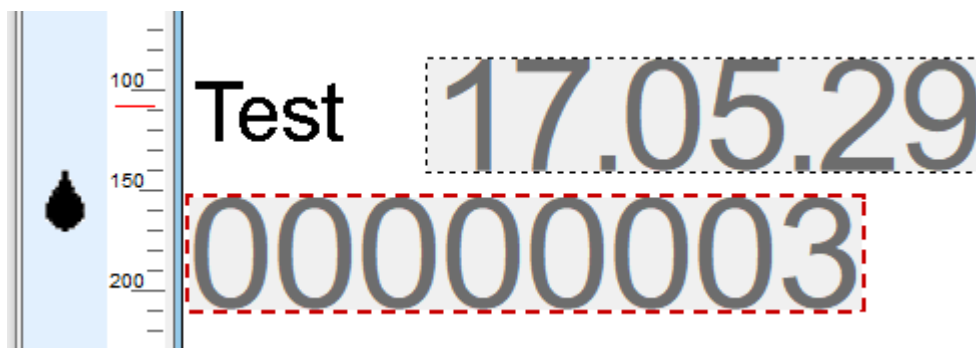
i The number of possible imprints with a full print cartridge is displayed by positioning the mouse pointer on the print image number.

5.7 Objects settings



i The settings of the objects can also be selected in the menu bar **a** by clicking the "Presettings" tab or via the context menu.

i The active object is framed in red in the print area.



[Text](#)

[Date-Time](#)

[Numbering machine](#)

[Barcode](#)

[Graphic](#)

5.7.1 Text



Creates text fields.
The object can be positioned exactly by using the grid.



If the grid is enabled, the font size is adjusted.
Example: If a grid of 40 pixels is set, the text object has a height of 40 pixels.


[Presettings](#)

[Context menu text object](#)

[Generate graphic](#)

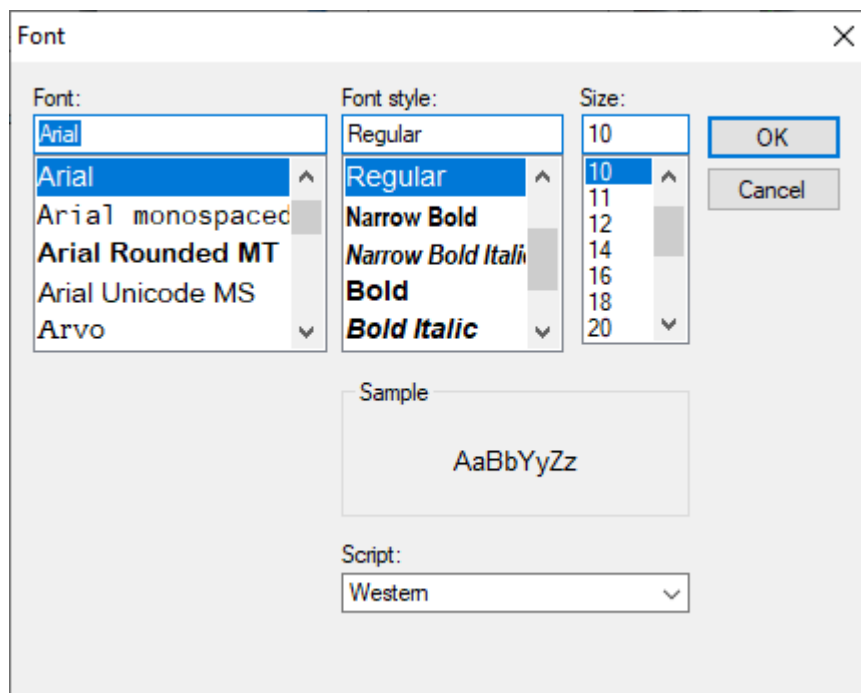
5.7.1.1 Presettings

Changed Presettings apply to all future text objects.

- ▶ In the menu bar  select the "Presettings" tab and click "Text".
The configuration window for texts appears.

The configuration window for "Texts" is divided into four sections:

- Font
- Font style
- Font size
- Script



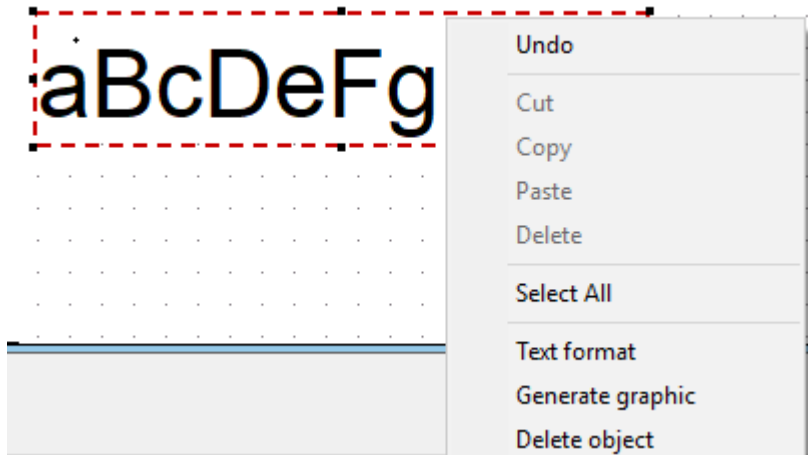
Format Settings Text

Function	Description
Font	Selection of the possible fonts.
Font style	Selection of the desired font style (standard, bold, italic or bold italic).
Font size	Select or enter the font size in points.
Script	Displays a list of available language scripts for the specified font.

5.7.1.2 Context menu text object

If a text object is inserted (["Objects"](#)), the configuration corresponds to the default settings (refer to ["Presettings"](#)). Each text object can be changed individually via the context menu.

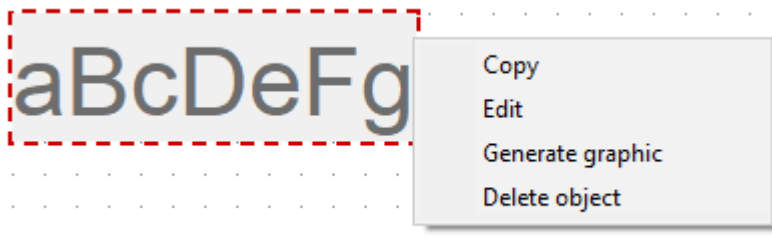
- ▶ To open the context menu, right-click the desired text object.
The context menu opens as in the following figure:



Function	Description
Undo	Cancels the input.
Cut	Cuts out the selected area.
Copy	Copies the selected area.
Paste	If there is a text in the clipboard, it will be pasted.
Delete	Deletes the selected area.
Select all	Marks the entire text.
Text format	To change the font/font style/font size.
Generate graphic	Converts the text to a graphic and fixes it at the current position. Note: the text cannot be processed anymore after conversion.
Delete object	Deletes the object.


- i** Press Ctrl+Enter to jump to the next line.
Enter or double-click fixes the object, which then can no longer be edited.

Inactive object



Function	Description
Copy	Copies the object.
Edit	Object becomes active and can be edited.
Generate graphic	Converts the text to a graphic. Note: the text cannot be processed anymore after conversion.
Delete object	Deletes the object.

5.7.1.3 Generate graphic

 Text and barcode objects can be converted into graphics. Graphics are fixed and can no longer be moved. Limited editing is possible via the additional function "Selection".

- ▶ Click the object with the right mouse button.
- ▶ Select "Generate graphic".
The object has been converted to a graphic.

5.7.2 Date-Time



Font, font style, font size and format can be set.

The Date-Time format can be globally pre-set.

Additionally, deviating settings can be performed for every single date/clock time object ("[Context menu date/clock time object](#)").


 A maximum of five Date-Time objects can be placed.

[Presettings](#)

[Context menu Date-Time object](#)

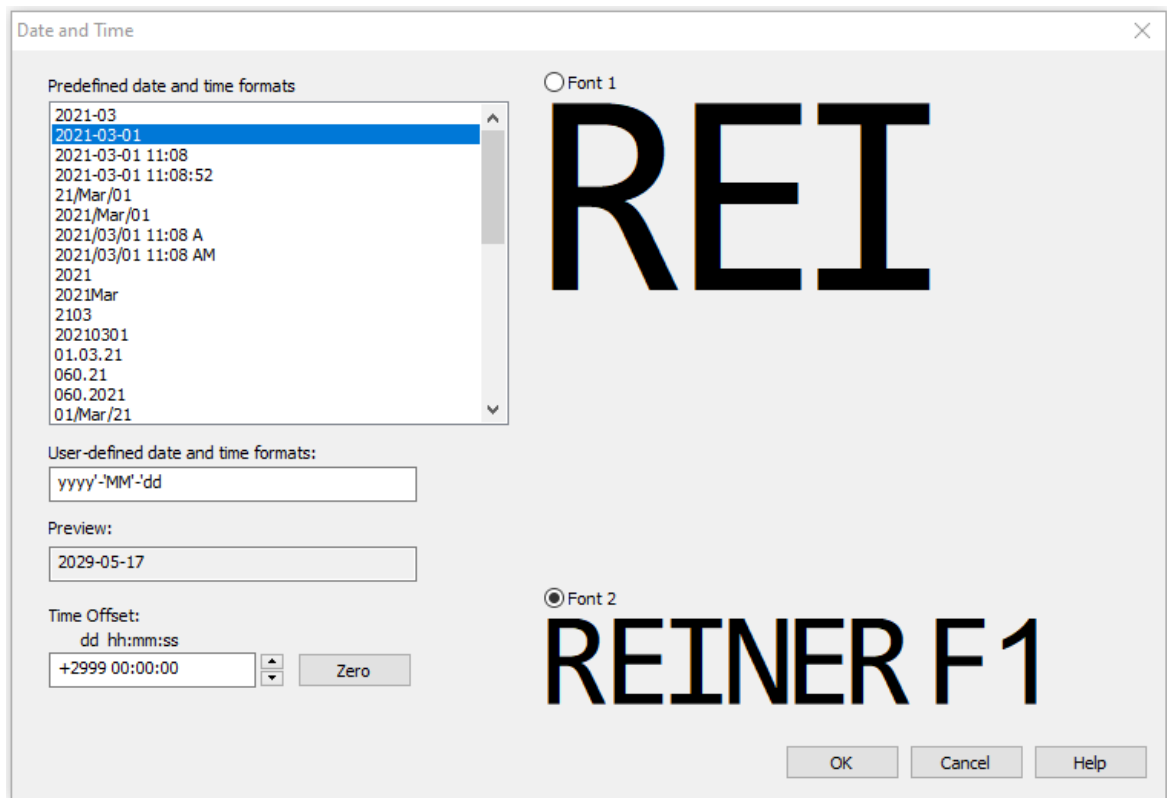
5.7.2.1 Presettings

Changed Presettings apply to all future Date-Time objects.

- ▶ In the menu bar  select the "Presettings" tab and click "Date-Time".
The configuration window for date and time appears.

The tab "Date and time" is divided into two sections:

- Format for date and time.
- Font



[Tab date and time](#)

[Font](#)

5.7.2.1.1 Tab date and time

Function	Description
Predefined date and time.	List of preconfigured formats. Selection by clicking.
User-defined date and time formats	Shows the selected format in the draft view. The format can be manually configured. One abbreviation of a category each from the following table "Format abbreviation" can be used once. Additional characters (also spaces) are inserted by being included in simple apostrophes ('). For verification purposes, whether or not the entered format is "OK" is displayed above the input field.
Preview	Preview of the selected format with the current system date.
Time offset	The configuration of an offset for date and time can be used, for example, to automatically calculate expiration dates. Enter or select offset, refer to example.

Example for time offset:

Inactive offset:

User-defined date and time formats:

Preview:

Time Offset:
 dd hh:mm:ss

Example: for a shelf life of 1 year, the entry is made with +0365

User-defined date and time formats:

Preview:

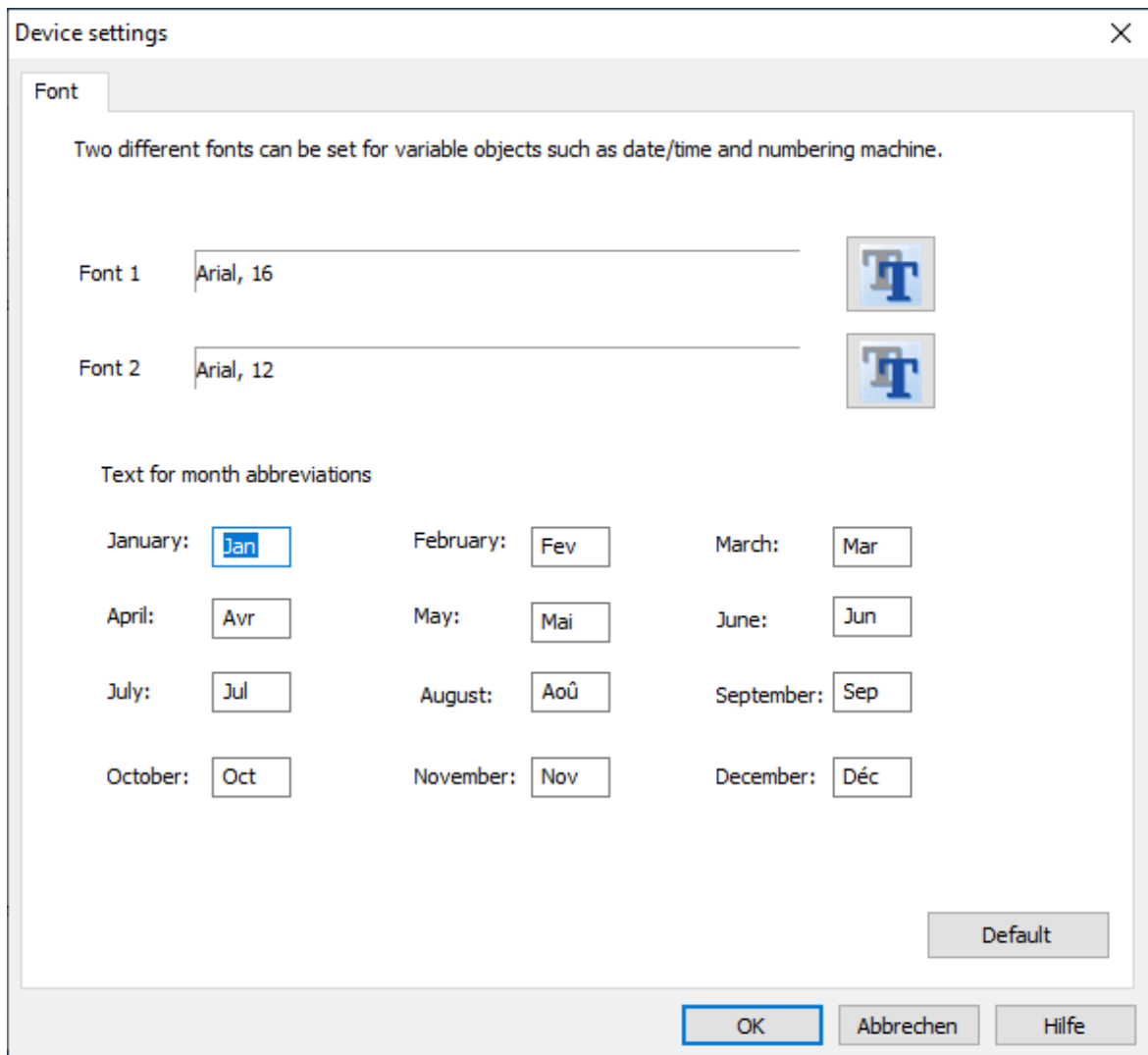
Time Offset:
 dd hh:mm:ss

The set values are added to the current system date. The result appears under the Current function.



Format abbreviation

Function	Description
dd	Monthday with two digits (01 to 31)
ddd	Calendar day with three digits (001 to 365) Example: 28 May 2019 = 148.2019
MM	Month of the year with two digits (01 to 12)
MMM	Abbreviation for the month (up to 4 characters)
yy	The last two digits of the year (00 to 99)
yyyy	Complete year (0000 to 9999)
HH	Hour with two digits (00 to 23)
hh	Hour with two digits (01 to 12)
mm	Minutes with two digits (00 to 59)
ss	Seconds with two digits (00 to 59)
t	One character for twelve-hour format with the letters A or P
tt	Two characters for twelve-hour format with the letters AM or PM

5.7.2.1.2 Font



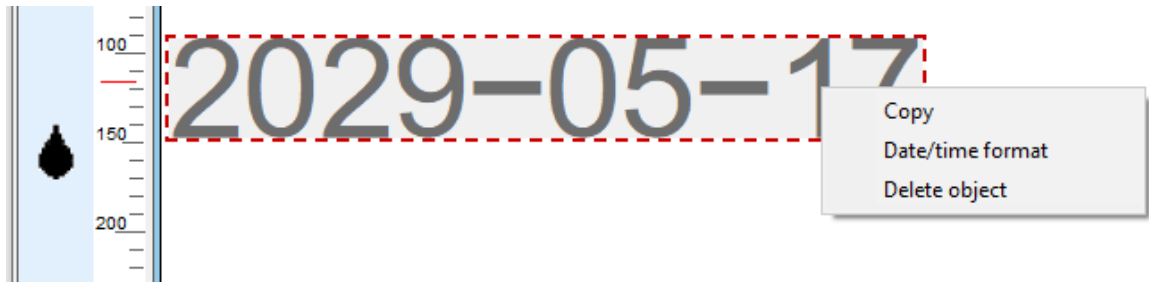
Selection option between "Figure style1" and "Figure style 2".

"Font 1" and "Font 2" are in the toolbar  via the button .

5.7.2.2 Context menu date/time object

If a Date-Time object is inserted ("[Objects](#)"), the configuration corresponds to the default settings ("[Presettings](#)"). Each Date-Time object can be changed individually via the context menu.

- ▶ To open the context menu, right-click the desired Date-Time object.
The context menu opens as in the following figure:



Function	Description
Copy	Copies the object.
Date-Time format	Opens the configuration window for date and time for the selected Date-Time object.
Delete object	Deletes the object.

5.7.3 Numbering machine



The numbering machine is used for consecutive numbering.

Starting value, repetitions, step and step direction, as well as font, font style and font size can be set. The numbering machines format can be pre-set.

Additionally, deviating settings can be performed for every single numbering machine object ("[Context menu numbering machine object](#)").

i A maximum of five numbering machine objects can be placed.

i The numbering machine status of a numbering machine is incremented **after** each imprint according to the set step, repetitions and counting direction.

Note: The following configuration can produce nonsensical print images:


- Print sequence "Print lines in sequences"
- Numbering machines linked to each other, each with different repetitions

[Presettings](#)

[Context menu numbering machine object](#)

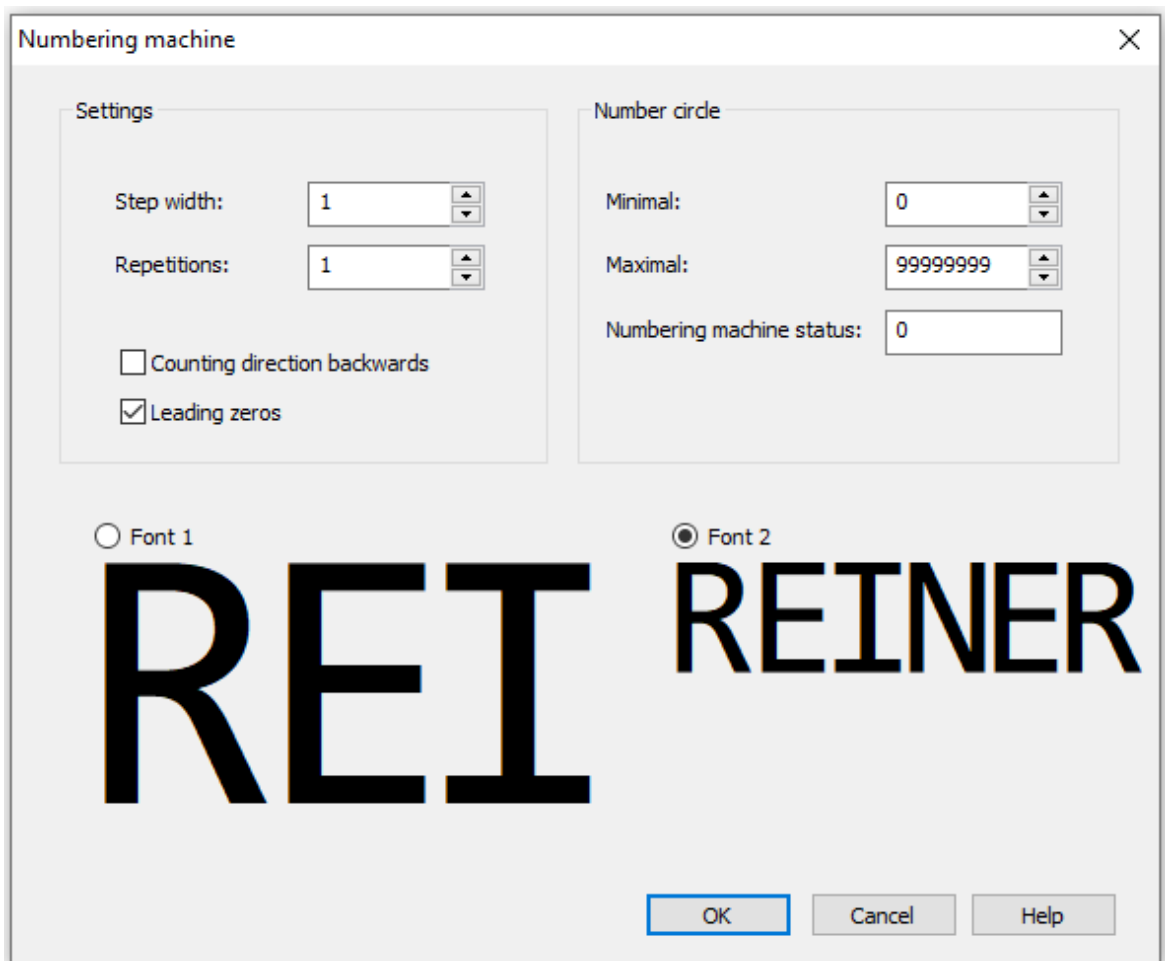
5.7.3.1 Presettings

Changed presettings apply to all future numbering machine objects.

- ▶ In the menu bar  select the "Presettings" tab and click "Numbering machine".
The configuration window for numbering machines appears.

The configuration window for numbering machines is divided into three sections:

- Settings
- Number circle
- Font



Numbering machine

Settings

Step width: 1

Repetitions: 1

Counting direction backwards

Leading zeros

Number circle

Minimal: 0

Maximal: 99999999

Numbering machine status: 0

Font 1

Font 2

REI REINER

OK Cancel Help

[Settings](#)

[Number circle](#)

[Font](#)

5.7.3.1.1 Numbering machine range

Function	Description
Step	Indicates the interval at which the numbering machine counts on (e.g. 1,4,7... in steps of 3).
Repetitions	Indicates the number of repetitions of a print image. If, e.g., the value 3 is set, the numbering machine remains on the same number for three imprints before it counts on. The repeat factor can be set from 0 to 99. The numbering machine switches on at the value 0.
Counting direction backwards	The numbering machine can count forwards (e.g. 10,11,12,...) or backwards (e.g. 10,9,8...).
Pre Zeros	Leading zeros can be suppressed or printed (e.g. 5 or 0000005). The number of printed figures depends on the maximum value set at "number circle".


5.7.3.1.2 Number circle

The number circle defines the value range in which a numbering machine counts.


When the maximum or minimum value is reached (for upwards or downwards counting numbering machine), the count is continued at the respective other end of the scale.

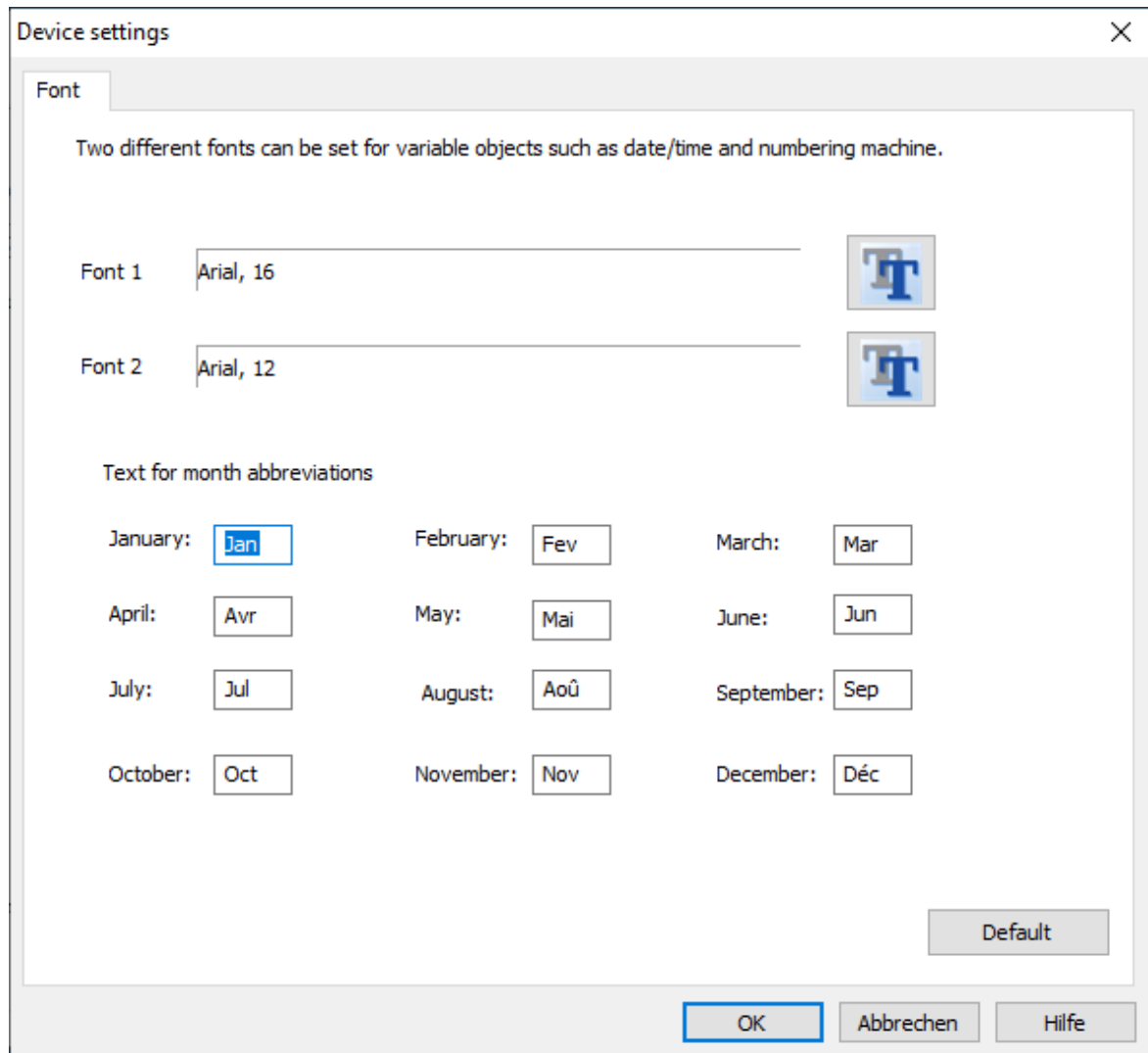
Function	Description
Minimum	This value marks the lower limit of the number circle.
Maximum	This value marks the upper limit of the number circle
Numbering machine status	The current counter reading can be set within the defined value range.


5.7.3.1.3 Font

 With "Font 1" and "Font 2", fonts can be stored for the objects text, date/time and numbering machine.

Changed fonts affect all future objects.

- ▶ In the menu bar  select the "File" tab and click on "Device settings - Font".
The font configuration window appears.

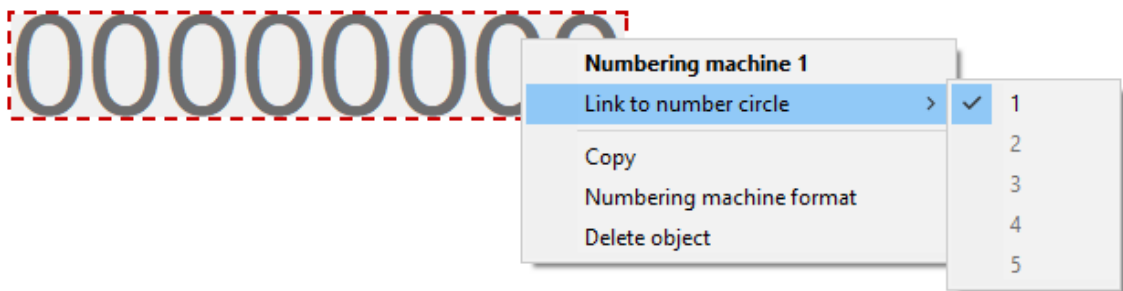


 Month abbreviations can be adjusted individually.

5.7.3.2 Context menu numbering machine object

If a numbering object is inserted ("[Objects](#)"), the configuration corresponds to the default settings ("[Presettings](#)"). Each numbering machine object can be changed individually via the context menu.

- ▶ To open the context menu, right-click the desired numbering machine object.
The context menu opens as in the following figure:



Function	Description
Numbering machine	The number of the selected numbering machine object (1-5) is displayed.
Copy	Copies the object.
Numbering machine format	Opens the numbering machine configuration window for the selected numbering machine. The numbering machine range can also be set deviating from each other for numbering machines that are linked to a shared number circle. Settings for the number circle can only be made here when the selected numbering machine is linked to the dedicated number circle.
Delete object	Deletes the object.

5.7.4 Barcode



The PCset graphic can be used to generate different barcode formats.

Barcode type, character sequence, parameters and barcode size can be set.

The barcode object format can be globally pre-set.


[Presettings](#)

[Consecutive numbering/dating](#)

[Context menu barcode object](#)

[Generate graphic](#)

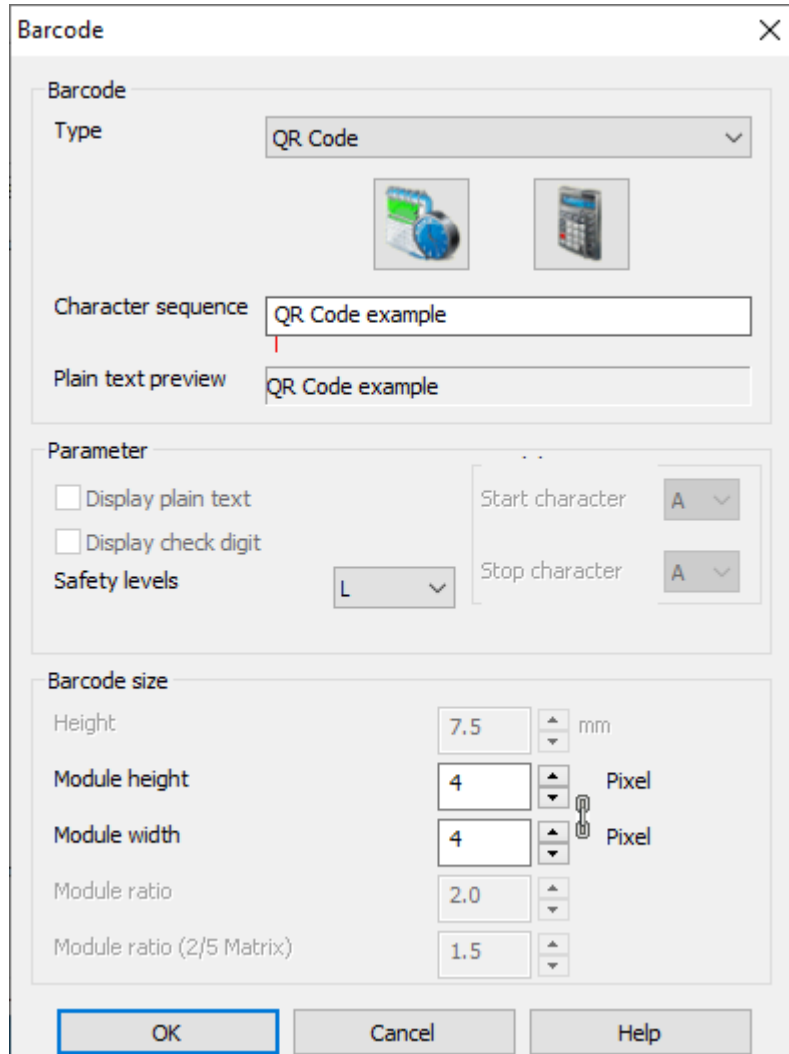
5.7.4.1 Presettings

Global Presettings can be set in the menu bar  via the "Presettings → Barcode" tab.

- OR -

Settings of already-inserted barcode objects can be called via the right mouse button "Barcode Format".

The configuration window for barcode appears.



The barcode window is divided into three sections:



Barcode

Function	Description
Type	The desired barcode type can be selected from the dropdown list.
Character sequence	The desired character sequence can be entered.
Plain text preview	Indicates the character sequence without control characters.

Parameter





Function	Description
Display plain text	Inserts plain text below the barcode. The plain text is the character sequence that has been entered into the barcode object.
Display check figure	Indicates the check figure additionally in plain text. To be able to use this option, the Display plain text field must be activated. The check figure is the last digit or position of the barcode information.
Start character and Stop characters	Start and stop characters from A - D for the barcode type coda bar.

Barcode size

Function	Description
Height (mm)	Barcode height. Adjustable from 5.1 - 26 mm.
Module height	Height of the narrowest element in pixels (stroke or gap) Only for 2D barcodes.
Module width (pixels)	Width of the narrowest element in pixels (stroke or gap).
	The ratio of module height to module width is always the same.
	The module height and width can differ.
Module ratio X:1	Ratio of wide to narrow element in calculation of the code length.
Module ratio (2/5 matrix)	Start and stop characters for the barcode type coda bar. May contain letters A - D.

5.7.4.2 Consecutive numbering/dating

The PCset graphic differs between **fixed** and **variable** barcodes. Fixed barcodes do not change their content during printing. In addition to the text, variable barcodes also consist of Date-Time and/or numbering machine, which change during printing.

-  All in all, the variable barcode objects are limited to four. Fixed barcode objects can be inserted in any number.
-  Variable barcodes include the barcode types "2/5 Interleaved", "Code 39" and "Code 128 B", "QR Code", "DataMatrix", "PDF 417", "AZTEC"
-  Only **one** numbering machine and/or **one** Date-Time can be inserted in each barcode.
-  At first insertion of a numbering machine or a Date-Time object, the Presettings of the respective objects are loaded.

- ▶ To generate a barcode object, left-click the **barcode symbol** and **pull it into a line to the**



desired position.

- ▶ Push right mouse button, select context menu "Barcode Format".
The configuration window for barcode appears.
- ▶ To insert the **numbering machine**, pull it into the character sequence by drag & drop.
The line "Character sequence" shows %N for numbering machine.
- ▶ To make the settings for the numbering machine, right-click %N or numbering machine.

The context menu opens (refer to "[Numbering machine](#)").
Make the desired settings and confirm with **OK**.

- ▶ To insert Date-Time, pull it into the character sequence by drag & drop.
The line "Character sequence" shows %D for Date-Time.
- ▶ To make the settings for the **Date-Time**, right-click %D or Date-Time.

The context menu opens (refer to "[Date-Time](#)").
Make the desired settings and confirm with **OK**.

- ▶ To save the settings made, click **OK**.

-  The red dash below the editing field determines the inserted position of the Date-Time and numbering machine object.

5.7.4.3 Context menu barcode object

If a barcode object is inserted (refer to "[Objects](#)"), the configuration corresponds to the Presettings. Each barcode object can be changed individually via the context menu.

- ▶ To open the context menu, right-click the desired barcode object. The context menu opens as in the following figure:



Function	Description
Copy	Copies the object.
Barcode format	Changes the barcode format.
Generate graphic	Fixes the barcode in the current position. Note: the barcode cannot be processed anymore after fastening.
Delete object	Deletes the object.

5.7.4.4 Generate graphic

i Text and barcode objects can be converted into graphics. Graphics are fixed and can no longer be moved. Limited editing is possible via the additional function "Selection".

- ▶ Click the object with the right mouse button.
- ▶ Select "Generate graphic".
The object has been converted to a graphic.

5.7.5 Graphic






Generates a graphic object.
The object can be positioned exactly by using the grid.

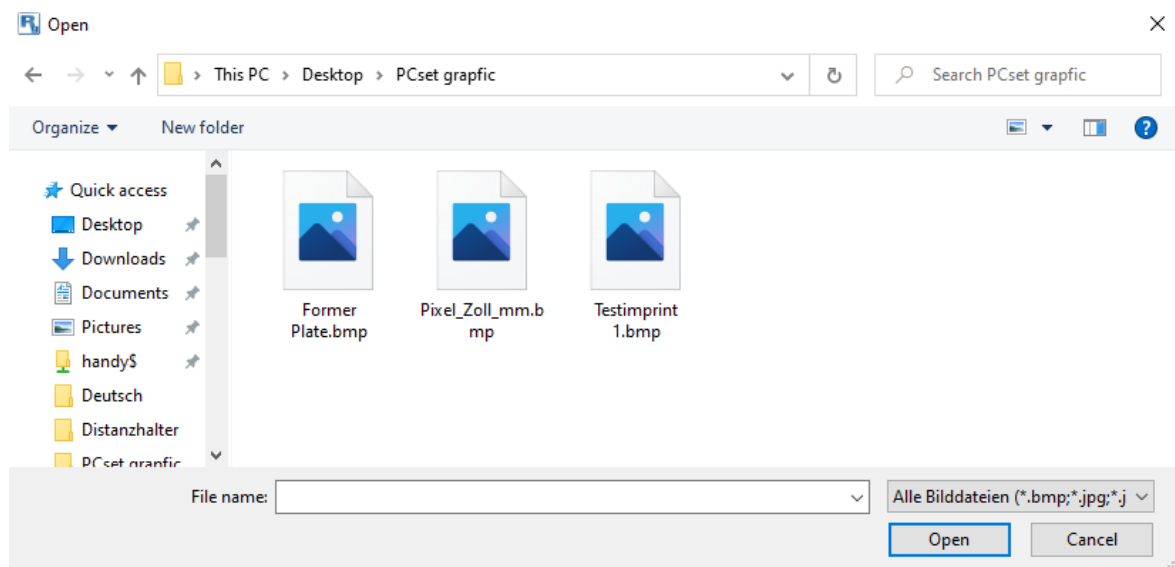
[Context menu graphic object](#)

[Generate graphic](#)

[Load graphic dialogue](#)

5.7.5.1 Load graphic dialogue

-  Imported colour and greyscale images are converted to a black/white image when loaded within the application. The use of black and white images is recommended.
-  Only graphics of the file type BMP, JPG, TIF or GIF can be loaded. The graphics should have a resolution of 300 dpi so that the imprint can be produced in optimal quality.
-  For a distortion-free printout in optimal quality, a graphic should not exceed the maximum height of 300 pixels and the maximum width of 1000 pixels.



5.7.5.2 Context menu graphic object



Function	Description
Black/white threshold value	Selection of the black/white threshold value.
Copy	Copies the object.
Generate graphic	Fixes the graphic at the current position. Note: the graphic cannot be processed anymore after fixing.
Delete object	Deletes the object.

5.7.5.3 Generate graphic

i Text and barcode objects can be converted into graphics. Graphics are fixed and can no longer be moved. Limited editing is possible via the additional function "Selection".


- ▶ Click the object with the right mouse button.
- ▶ Select "Generate graphic".
The object has been converted to a graphic.


5.8 External print triggering

 REINER special accessories are available for external trigger types.

[Triggering via external switch](#)

5.8.1 Triggering via external switch

For triggering via an external switch, the contacts in the jack socket  must be short-circuited.

- ▶ Connect the REINER trigger cable with the jack socket .
- ▶ Prepare the device for an imprint.
- ▶ Close contact.
The desired print image is printed.

6 Maintenance

[Replace print cartridge](#)

[Cleaning the contacts of the print cartridge](#)


[Clean nozzles](#)


[Clean seal](#)

[Replacing the seal](#)

[Clean housing](#)

6.1 Replace print cartridge

The ink level of the print cartridge is can be read in the status indicator  of the PCset graphic software .

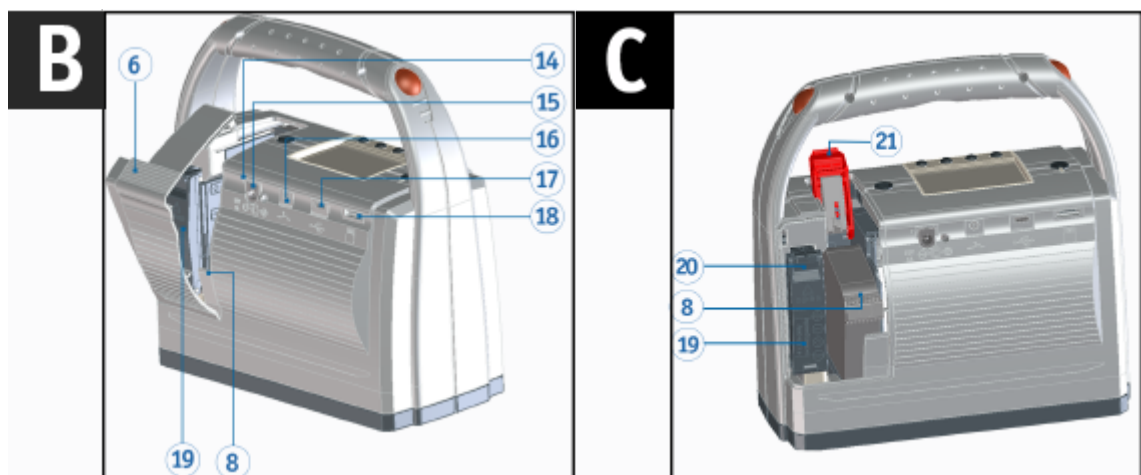
 Different seals are required depending on the type of ink used (refer to "[Replacing the seal](#)").

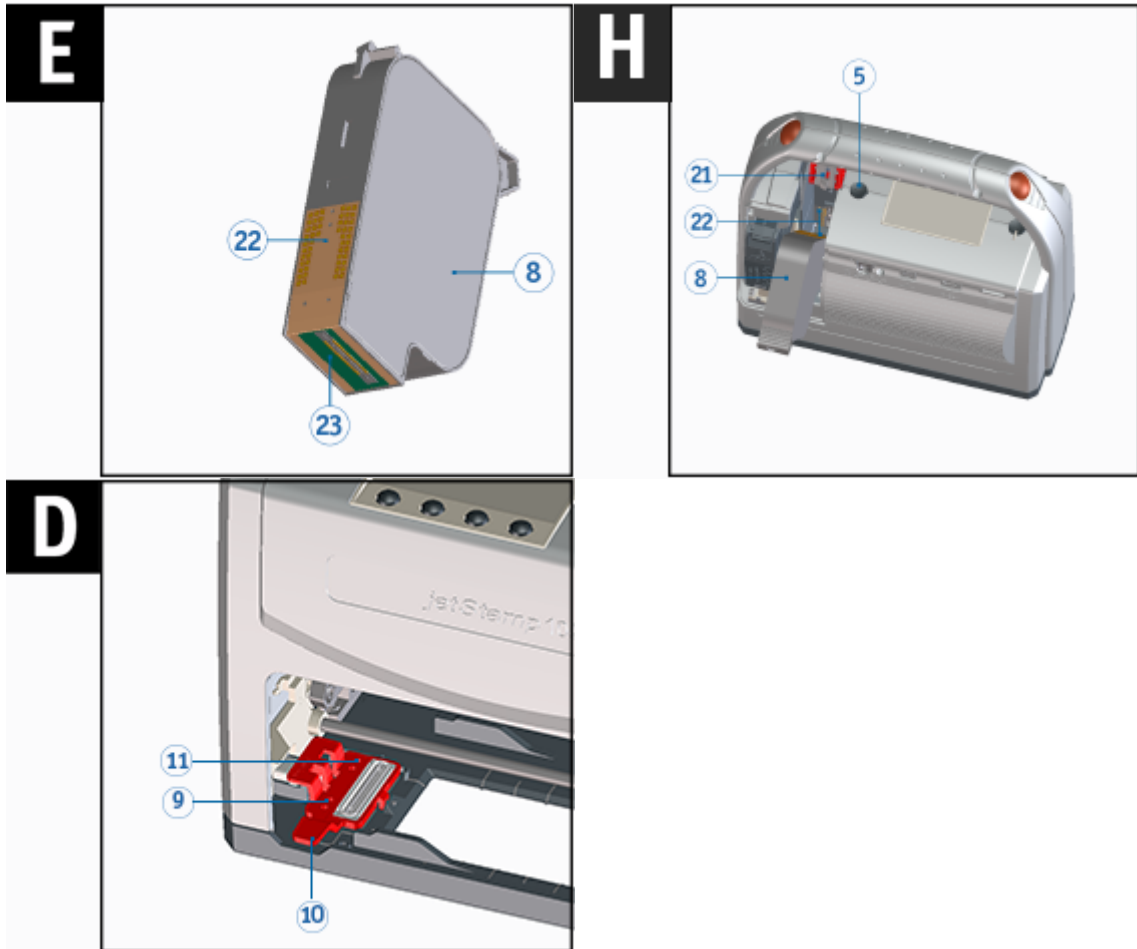
 Use seal of the enclosed print cartridge.

 **CAUTION**



Damage to health caused by ingestion of ink.

Changing the print cartridge ⇒ Fig. **B** + **C** + **E** + **H**



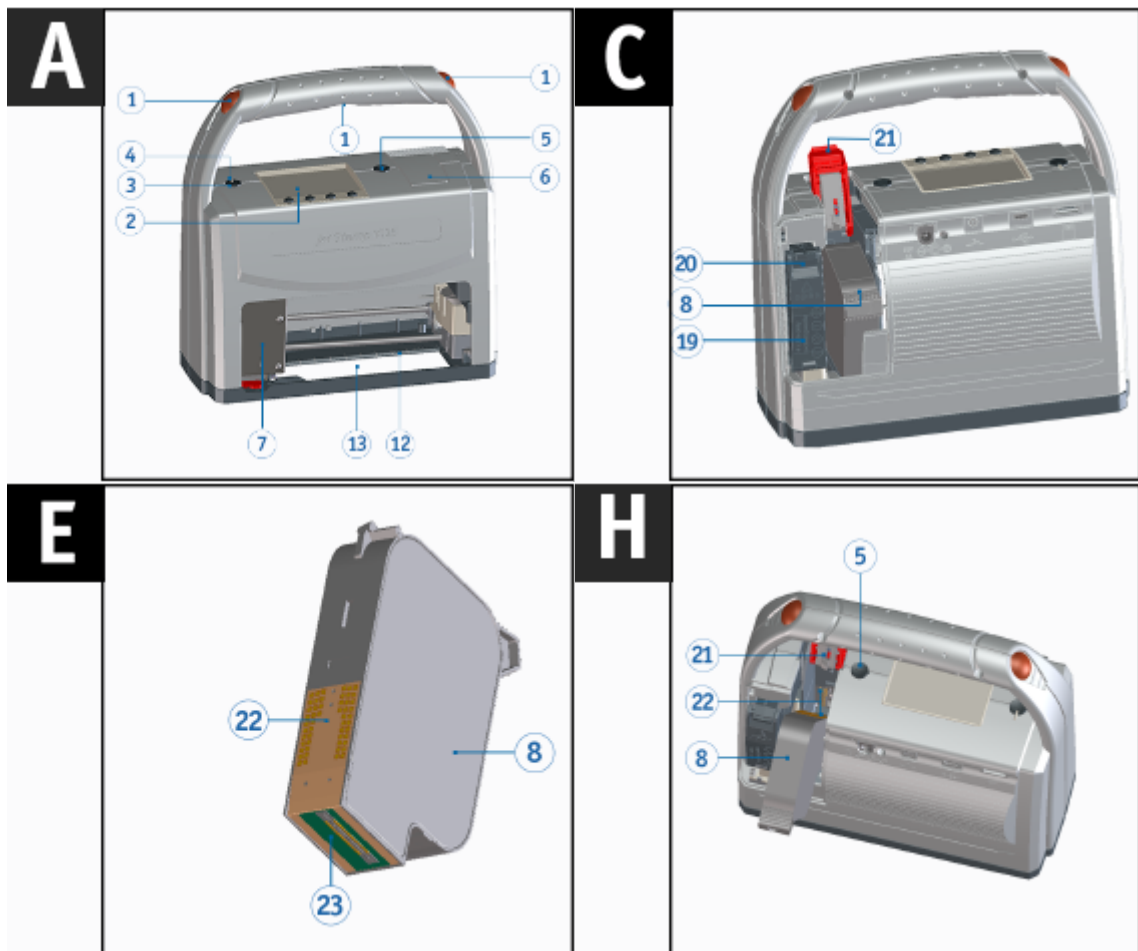


- ▶ Place the device on a firm surface.
- ▶ Press function button for print cartridge **5**.
- ▶ Print carriage **7** moves to the right into the Change-wipe position.
- ▶ Open flap for battery and print cartridge compartment **6**.
- ▶ Push the print cartridge locking **21** slightly upwards and open it.
- ▶ Remove the old print cartridge **8** from of the device.
- ▶ Unpack the new print cartridge **8** and remove the clip.
(see operating instructions for the print cartridge P5).
- ▶ Hold print cartridge locking
- ▶ Insert the new print cartridge **8** as shown in the figure **H**.
Make sure it slides all the way down.
- ▶ Close the print cartridge locking **21**.
- ▶ Close flap for battery and print cartridge compartment **6**.
- ▶ Remove the old seal **9** from the device, lifting the retaining clip of the seal **10** upwards.
- ▶ Remove the seal tip **11** from the notch.
- ▶ First insert the new seal **9** with the seal tip **11** into the notch.
- ▶ Press the seal **9** slightly down until it snaps into the holder.
- ▶ Press function button for print cartridge **5**.
- ▶ The print carriage **7** returns to the basic position.

-  The Change-wipe position can also be selected via the display menu.
-  In the basic position, drying of the ink is prevented (refer to "[Clean nozzles](#)").

6.2 Cleaning the contacts of the print cartridge

Cleaning the contacts of the print cartridge ⇨ Fig. **A** + **C** + **E** + **H**



In rare cases, impurities on the contacts of the print cartridge **22** can cause incorrect printing results.

- ▶ Place the device on a firm surface.
- ▶ Press function button for print cartridge **5**.
- ▶ Print carriage **7** moves to the right into the Change-wipe position.
- ▶ Open flap for battery and print cartridge compartment **6**.
- ▶ Push the print cartridge locking **21** slightly upwards and open it.
- ▶ Remove the print cartridge **8** from the device.
- ▶ Clean the contacts **22** on the print cartridge **8** with a soft cloth slightly soaked in ethanol (spirit).
- ▶ Hold print cartridge locking **21**.

- ▶ Insert the print cartridge **8** again, as shown in the figure **H**.
Make sure it slides all the way down.
- ▶ Close the print cartridge locking **21**.
- ▶ Press function button for print cartridge **5**.
The print carriage **7** returns to the basic position.

6.3 Clean nozzles

If there are streaks in the imprint or problems with the print quality, the ink may have dried on the nozzles **23**.

Imprint without streaking



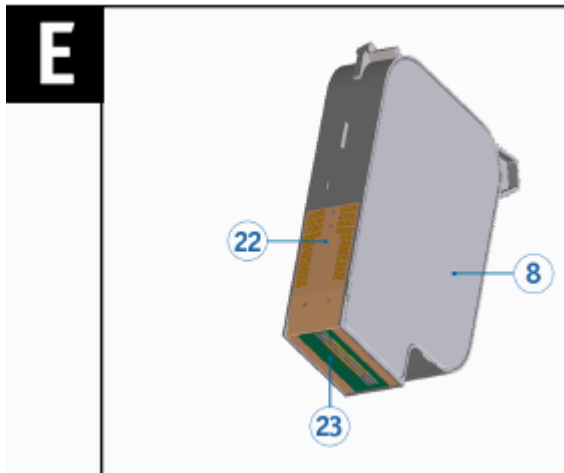
Imprint with streaking



[Manual nozzle cleaning](#)

6.3.1 Manual nozzle cleaning

Manual nozzle cleaning ⇨ Fig. **E**

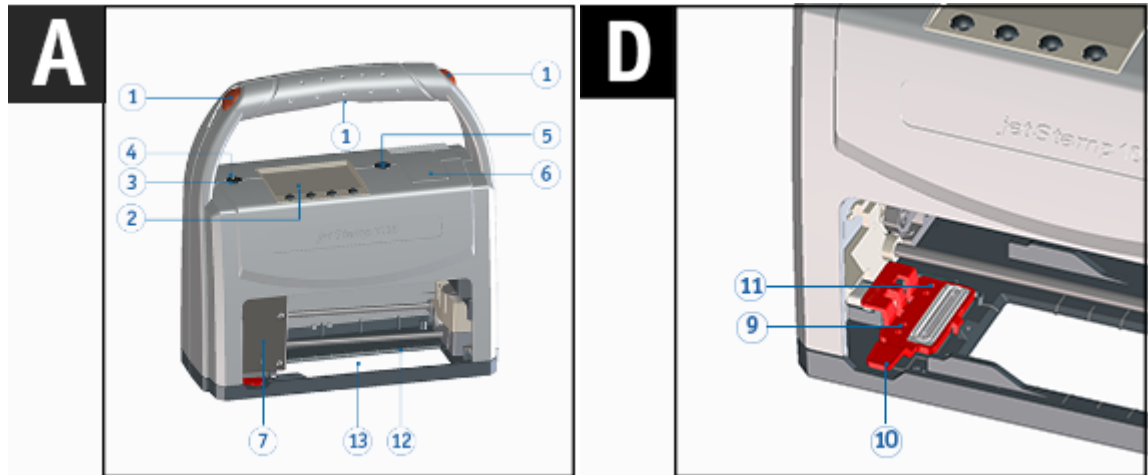


- ▶ Select "Change-wipe position" in the main menu. The print carriage moves into the cleaning position.
- ▶ Turn the device upside down.
- ▶ To dissolve the dried ink, press a soft cloth slightly soaked in ethanol (spirit) against the nozzles **23** for about three seconds.
- ▶ Wipe off dissolved ink and dry nozzles **23**.

i For further information (also refer to "[Cleaning the contacts of the print cartridge](#)").

6.4 Clean seal

Clean seal ⇒ Fig. **A** + **D**



- ▶ Place the device on a firm surface.
- ▶ Press function button for print cartridge **5**.
Print carriage **7** moves to the right into the Change-wipe position.
- ▶ Lift the retaining clip **10** of the seal upwards
- ▶ Remove the seal tip **11** from the notch.
- ▶ Dab dry the seal **9** with a soft cloth.
- ▶ When inserting the seal, first insert the seal tip **11** into the notch and slightly press down on the retaining clip of the seal **10** until it snaps into place in the holder.
- ▶ Press function button for print cartridge **5**.
The print carriage returns to the basic position.

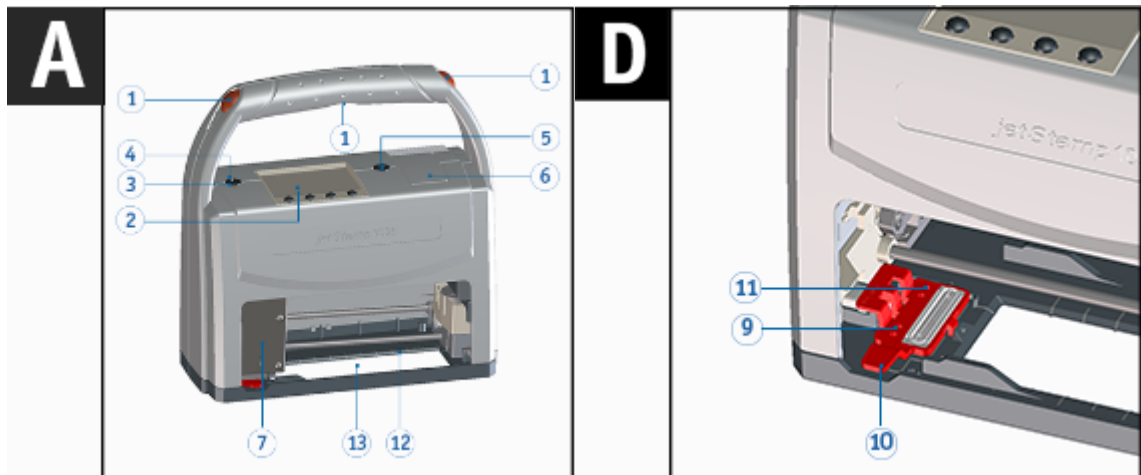
i Clean the seal **9** at regular intervals. Replace if heavily soiled or damaged (refer to "[Replacing the seal](#)").

6.5 Replacing the seal

Replacing the seal ⇒ Fig. **A** + **D**

i Different seals are required depending on the type of ink used.

- i** - Inkjet print cartridge P5-S3-BK: use red seal
- Inkjet print cartridge P5-MP3-BK: use blue seal



- ▶ Place the device on a firm surface.
- ▶ Press function button for print cartridge **5**.
- ▶ Print carriage **7** moves to the right into the Change-wipe position.
- ▶ Lift the retaining clip **10** of the seal upwards.
- ▶ Remove the seal tip **11** from the notch.
- ▶ First insert the new seal **9** with the seal tip **11** into the notch.
- ▶ Press the seal **9** slightly down until it snaps into the holder.
- ▶ Press function button for print cartridge **5**.
- ▶ The print carriage **7** returns to the basic position.

6.6 Clean housing

CAUTION

If liquids come into contact with the inside of the device, it may cause an electric shock.

NOTICE

Cleaning agents that are too aggressive may damage the housing surface.

7 Recognising and Removing Interferences

[jetStamp 1025 without functions](#)

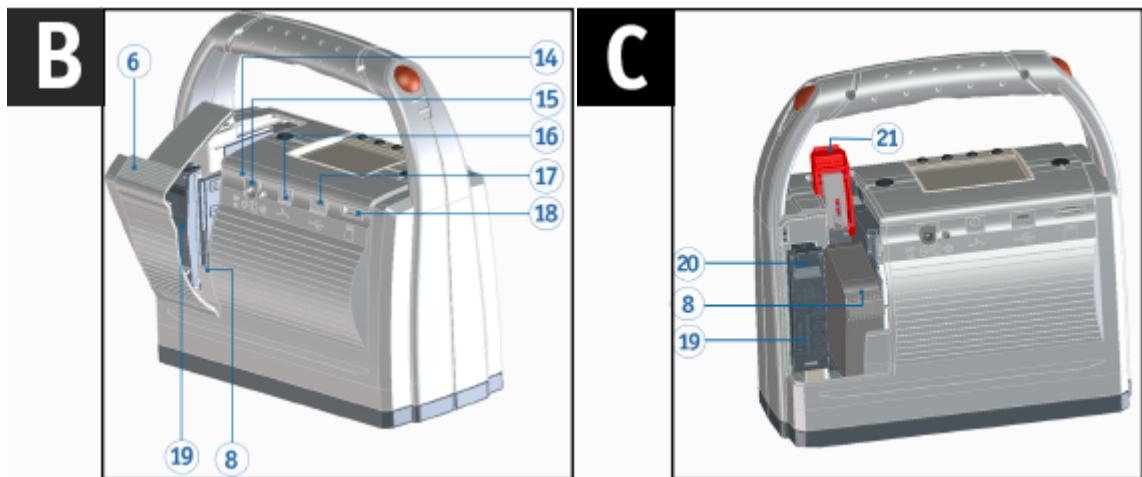
[Causes for uncharged batteries](#)

[Optical signals \(LED\)](#)

[Acoustic signals](#)

7.1 jetStamp 1025 without function

Troubleshooting ⇒ Fig. **B** + **C**



- ▶ Disconnect mains cable from *jetStamp* 1025.
- ▶ Open the battery compartment locking **20**.
- ▶ Wait about 3 seconds.
- ▶ Close the battery compartment again.
- ▶ Connecting the mains cable to the *jetStamp* 1025 **15**.
- ▶ Start PCset graphic.
- ▶ Check [charge indicator](#).

7.2 Causes for uncharged batteries

- No batteries inserted or batteries inserted incorrectly
- Incorrect contact in battery compartment
- Battery temperature above 54 degrees Celsius
- Batteries outdated
- Batteries defective
- Batteries completely discharged (deep discharge)

Capacity and service life

The batteries reach their full capacity after several discharges and recharges. With increasing aging of the batteries, the possible operating time shortens.

Rechargeable batteries are subject to wear. A longer service life than six months cannot be guaranteed.

7.3 Warning messages

Message	Eliminate message by	Remark
Print cartridge almost empty	Confirm. Reappears the next time the device is switched on.	The print cartridge is almost empty and will have to be replaced soon.
Rechargeable battery almost empty	Confirm. Reappears the next time the device is switched on.	The rechargeable battery is almost empty. Please connect the device to the power supply to charge the battery.
Transmission interrupted	Confirm	The print image was not transferred. The data transfer between PC and device was interrupted.
Print carriage movement blocked	Confirm	The print carriage movement has blocked. Possibly due to an obstacle or heavy soiling.

7.4 Correctable error messages

Message	Eliminate message by	Remark
Print cartridge empty	Inserting a new print cartridge.	The print cartridge is empty and must be replaced.
Wrong print cartridge	Inserting a new REINER print cartridge	The inserted print cartridge is not a REINER print cartridge.
Rechargeable battery empty	Connect the device to the supply voltage.	Battery is empty and must be charged.
Rechargeable battery defective	Inserting new rechargeable batteries	The batteries are defective.
Please reinsert micro SD card (micro SD card read/write error)	Insert the micro SD card again	
Please reinsert micro SD card (micro SD card access error)	Insert the micro SD card again	
Print image not released (password), or invalid print image.	Change device password or delete print images on the micro SD card.	
Please delete invalid print image on micro SD card	Delete the print image on the micro SD card.	
Please reinsert micro SD card (micro SD card mounting error)	Insert the micro SD card again	
Please insert micro SD card (micro SD card not available)	Insert the micro SD card	
Device locked	The device must be unlocked by entering a password via the PCset graphic or the device menu.	

7.5 Device error messages

Message	Eliminate message by
Device error xx	Switch the device off and on

8 Technical Data and Accessories

[Type Plate](#)

[Technical Data](#)

[Transport and Disposal](#)

[Accessories](#)

8.1 Type Plate

 Observe the type plate before the device is connected.

The type plate is located on the underside of the device.

It contains the following information:


Mod. = Model


S/N = Serial number


QC. = Quality control


 = Direct current


 = Polarity of hollow plug


 = Caution when handling rechargeable batteries


 = Batteries may grow hot in case of defects. Never try to remove any hot batteries from the battery compartment.


 = *jetStamp* 1025 has the CE-mark according to the currently valid low-voltage and EMC directive.

 = *jetStamp* 1025 is in accordance with the following standards or standardised documents
FCC 47 CFR Ch.1 Part 15 Bluetooth: FCC: R7TAMB2300.

 = Safety of Information Technology Equipment.

 = *jetStamp* 1025 is manufactured according to the safety standards IEC/EN 60950-1.

 = do not point the *jetStamp* 1025 nozzles against people's faces!

 **Waste electrical and electronic devices**
Old devices must not be disposed of in the common household waste but in a specified acceptance point for recycling of electrical and electronic devices.

8.2 Technical Data

Technical data	
Dimensions stand-alone unit	194 x 200 x 98 mm (l x w x h)
Weight	approx. 950 g
Max. print area	85 x 26 mm (w x h)
Max. print speed	< 0.9 s/imprint
Print resolution	300 dpi
Battery capacity	up to 1,000 imprints
Printing technology	Inkjet
1D barcode printing	EAN 8, EAN 13, 2/5 Interleaved, 2/5 Industrial, 2/5 Matrix Code 39, Code 39 Full ASCII, Code Codabar, Code 93, Code 93 Full ASCII, Code 128 B, GS1 128 (EAN 128)
2D barcode printing	QR, DataMatrix, PDF 417, AZTEC
Barcode for sequential numbering/dating	2/5 Interleaved, Code 39, Code 128 B, QR, DataMatrix, PDF 417, AZTEC
Graphic	BMP, JPG, TIFF, GIF
Ambience temperature for operation	10 °C ... +40 °C
Recommended ambient temperature for operation	16 °C ... +32 °C
Humidity for operation	8 % ... 80 % relative humidity
Recommended humidity for operation	10 % ... 70 % relative humidity
Storage temperature	
With standard print cartridges	1 °C ... +43 °C
With MP print cartridges	10 °C ... +20 °C
Storage humidity	5 % ... 80 % relative humidity
Temperature for transport	
With standard print cartridges	-20 °C ... +60 °C (up to 12 hours)
With MP print cartridges	10 °C ... +20 °C (up to 12 hours)
Humidity for transport	10 % ... 90 % relative humidity
Data transfer	USB, Bluetooth (from version 2.1 onwards) or micro SD card
Power supply	Input voltage: 12 V DC Input current: 1A Protection class III

	Rechargeable batteries: 4 x AA NiMH (REINER ZN 946192-000)
Standby time per battery charge	approx. 72 hours
Battery charging time	approx. three hours
Data preservation (battery independent)	approx. 10 years
Print capacity per print cartridge	for 5,000 or more imprints depending on ink and print mode
Protection class	IP 20, degree of contamination 2, equipment class 3

8.3 Transport and Disposal

Transport

NOTICE

Damage to the device at improper transport.

- ▶ Only use packaging that provides protection from impact and shock for the device!

Disposal



Defective or used batteries

Used batteries or rechargeable batteries must not be disposed of with household waste.



Waste electrical and electronic devices

Old devices must not be disposed of in the common household waste but in a specified acceptance point for recycling of electrical and electronic devices.



8.4 Accessories

Inkjet print cartridge

- Order no.: 1037 100-000, P5-S3-BK for paper or cardboard, black

Inkjet print cartridge (fast drying)

- Order no.: 1037 100-120, P5-MP3-BK for metal and plastics, black
- Order no.: 1037 100-130, P5-MP4-BK for glass, black
- Order no.: 1037 100-140, P5-MP6-YE for metal and plastics, yellow

For further accessories, see <https://www.reiner.de>

9 Contact

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10 Operating instructions

REINER*jetStamp 1025*

Bedienungsanleitung
Operating Manual
Manual de instrucciones
Mode d'emploi

DE

GB

ES

FR

Index

- A -

Accessories 85
 Acoustic signals 82
 Activate Bluetooth 11, 23, 46
 Activate/deactivate Bluetooth 11
 Activate/deactivate device lock 11

- B -

Bad impression
 Clean nozzles 75, 76, 77
 Barcode 64

- C -

Changing the print cartridge 72
 Charge indicator 41
 Charge rechargeable batteries 20
 Cleaning position print cartridge 11
 Cleaning the contacts of the print cartridge 75
 Configure print image 48
 Connection 41
 Contact 86

- D -

Date-Time 55
 change clock 13
 summertime 13
 Device messages 44
 Device safety 30, 33
 Disable password protection 33
 Forgotten password 33
 Lock device 35
 Set password 33
 Unlock device 35
 Device security
 change password 12
 lock device after 12
 Device settings 36
 Disable password protection 34
 Display and button functions 9
 Disposal 85

- E -

Establish Bluetooth connection 46
 Example workflow: Generate print image 48
 Configure print image 48
 Print the print image 50
 Transfer print image 49
 Example workflow: Generating the print image
 Replace print image 49
 Execute test print 22
 External print triggering 71

- F -

Firmware update 25
 Forgotten password 35

- G -

Graphic 69

- I -

Imprint numbers 27
 Info 30
 Ink level indicator 41
 Insert print cartridge 21
 Insert rechargeable batteries 19
 Install software 24
 Interferences 80

- L -

Lock device 11, 35

- M -

Maintenance 72
 Changing the print cartridge 72
 Clean housing 79
 Clean nozzles 76, 77
 Clean seal 78
 Cleaning the contacts of the print cartridge 75
 Replacing the seal 78
 Micro SD card 14
 Miscellaneous
 Factory Reset 13
 Protocol 13

- N -

Numbering machine 60

- O -

Objects 32

Objects settings 51

Barcode 64

Date-Time 55

Graphic 69

Numbering machine 60

Text 52

Operating elements 6

Operating interface 27

Menu bar 28

Objects 32

Toolbar 31

Operating status LED 6

- P -

Print

Alignment 12

Endless printing 12

Intensity 12

Print image management 28

Print image preview Explorer 46

Print settings

Print settings 37

Sealing station 37

Signals 37

Print the print image 50

- Q -

Quick functions 11

- R -

Rechargeable batteries 14

Repeat print image 11

Replace print image 49

Replacing the seal 78

Reset numbering machine 11

- S -

Safe handling of print cartridges 17

Safety notes 17

Safety notes on rechargeable batteries 16

Safety, Description 15

Saved print images 23

Set password 34

Settings 12

Date-Time 13

Device security 12

Factory Reset 13

Miscellaneous 13

Print 12

Protocol 13

Signals 12

SF module 30

Signals 40

All Acoustic Signal 12

Button sounds 12

Error sounds 12

Warning sounds 12

Status indicators 41

System requirements 24

- T -

Technical data 84

Test print 11

Text 52

Toolbar 31

Transfer print image 49

- U -


Unlock device 35

- W -

Wipe position 11



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