

REINER

jetStamp® 1025
jetStamp® 1025 sense



Operating Manual

GB

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1 Your jetStamp 1025 / jetStamp 1025 sense

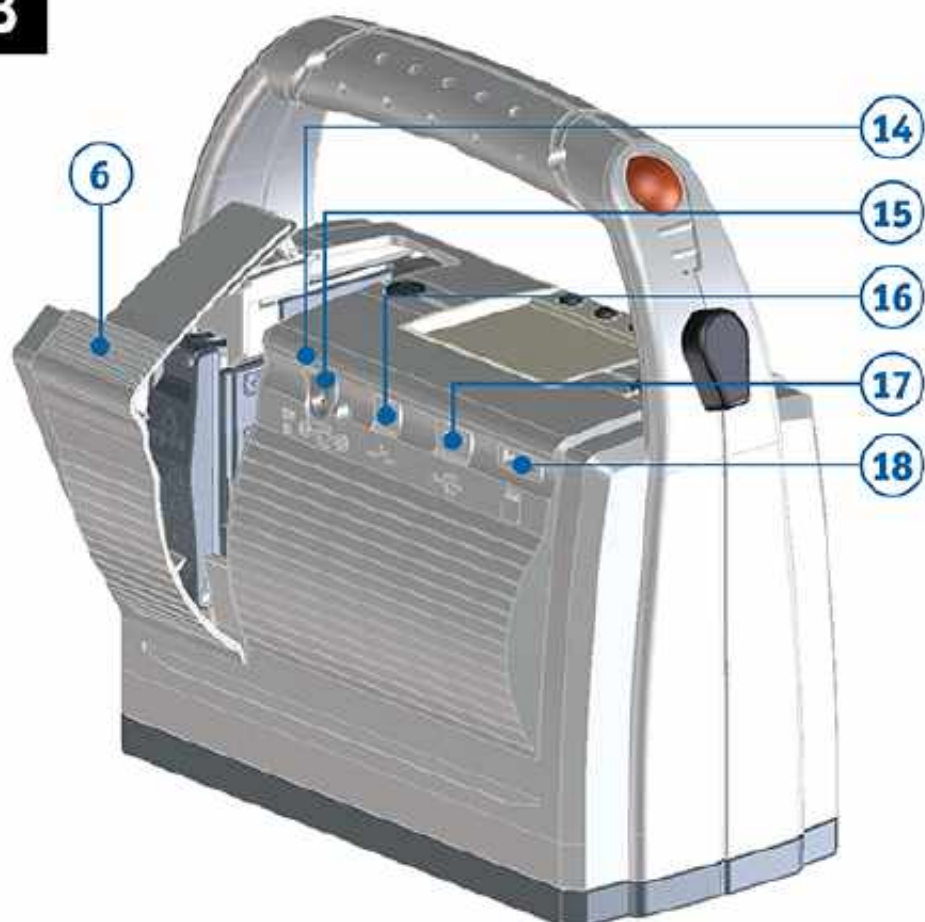
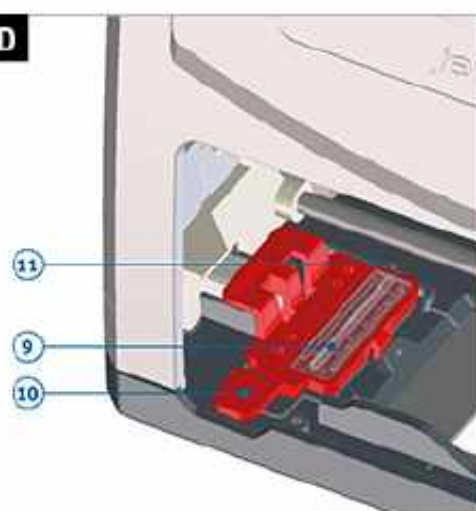
REINER

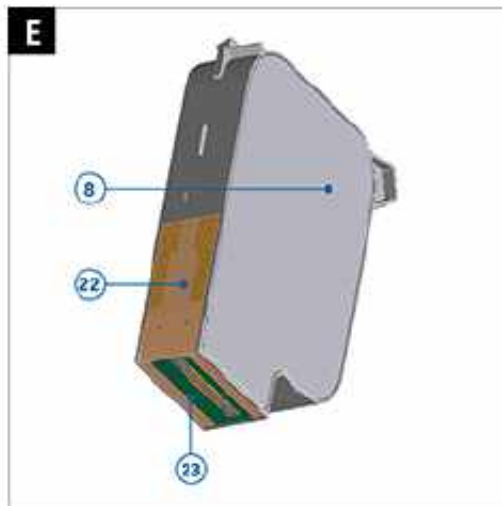
jetStamp[®] 1025
jetStamp[®] 1025 sense



1.1 Operating elements



B**C****D**



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

Applies only to the *jetStamp 1025 sense*:

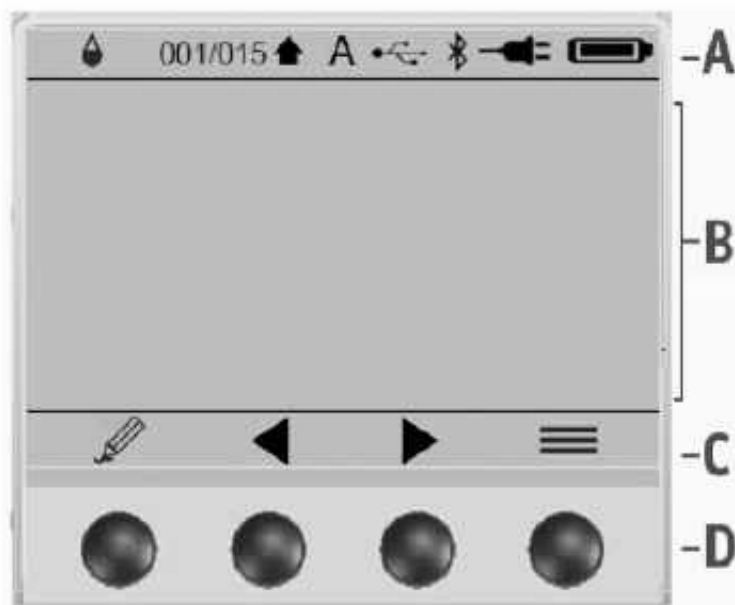
24 Sensor socket

25 Sensor adapter

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 start screen of the main menu is shown. The display is structured according to the following sections:



A Header

   Ink level

if the print cartridge is empty or incorrect, the symbol appears 

001/015 001/... Number of the set print image and
.../015 Number of stored print images



Appears only if it is a 2-inch imprint and indicates the direction of movement of the device - either up or down - to complete the 2-inch imprint.



Also see the required setting in the device menu under "Settings" - ["Imprint"](#) - ["Size"](#).

A

Admin mode

Means that you, as the administrator of the device, only allow the user limited access to the device menu.

See "Preparation and commissioning" - "Commissioning" - ["Setting the admin password if required"](#).



USB connection available

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.

Edits on the device

Switches to the editing mode of the placeholder object for editing on the device. Will only be displayed if the print image also contains a placeholder and a hotkey setting has been selected under the menu item Miscellaneous "[Hotkey](#)". Also see "[Edits on the device](#)", special functions "[Display keyboard](#)"

On the jetStamp 1025 **sense**, this symbol **must be pressed longer** to edit.



Appears on the device when the hotkey setting is selected: "Edit imprint".

Rep.

Appears on the device when the hotkey setting is selected: "Rep. last imp. ("Rep." = Repeat).

Res.

Appears on the device when the hotkey setting is selected: "Num. machine reset" ("Res." = Reset).

Next

Appears on the device when the hotkey setting is selected: "Num. machine next".

red.

Appears on the device when the hotkey setting is selected: "180° rotation" ("rot." = rotation).

prt.

Appears when the "Print trigger" hotkey setting is selected. Print trigger, such as the centre red trigger button  ("prt.") = print trigger".

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

Call up the menu navigation:

- ▶ Press the home button 
- ▶ Use the arrow keys  to scroll through the main menus until the desired menu is shown on the display.
- ▶  **Confirm** to access the submenu.

 The menu navigation of the device is divided into **main menus** and **submenus**.
There are **6 main menus** for selection:

[Functions](#)
[Lock device](#)
[Wireless](#)
[Device information](#)
[Move to wiping position](#)
[Settings](#)

 For the button functions, see "[Display and Button Functions](#)".

1.3.1 Functions

Repeat last imprint

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

Clean head

- ▶ By selecting  the jetStamp 1025 (sense) performs the cleaning of the print cartridge.

 **Notice:** Before performing the automatic nozzle cleaning, place a test paper under the device as a large amount of ink is forced through the nozzles.
For details see under "Maintenance" - "Nozzle cleaning" - "[Automatic nozzle cleaning](#)".

Reset numberer

- ▶ By selecting  the jetStamp 1025 sense resets the numbering machine.

Log print

- ▶ By selecting  the jetStamp 1025 (sense) prints various device information.

Applies only to the *jetStamp 1025 sense*:

Sensor check

- ▶ By selecting , the value is read depending on the connected sensor and displayed on the jetStamp 1025 (sense).

1.3.2 Lock device

 Appears in the menu only when the password 0000 is changed to an individual password.
Also refer to the software application PCset graphic "[Device safety](#)".

- ▶ By selecting ✓ the device lock is activated or deactivated by entering a password.
If the device lock is active, no data can be received from the PC.
Unlocking via PC not possible.

1.3.3 Wireless

Explanation: Determines whether the wireless connection is switched off or whether Bluetooth or WLAN can be used.

- ▶ Choose between:
"Off"
"Bluetooth on"
"WLAN on."

 If WLAN is not yet available, the suitable firmware can be downloaded from www.reiner.de.

1.3.4 Device information

Display important data about the device:

REINER jetStamp 1025 (sense) (model designation)
FW rev. (firmware version)
Ser. no. (serial number)

Counter (imprint counter)
Cartridge (print cartridge)

 Pressing the right button below the display brings up a second information page showing the generation of the device.

BT Type PAN1026 (Generation I)
ESP32 v.:xxx, Web: x (Generation II)

1.3.5 Move to wiping position

- ▶ By selecting ✓, the print carriage with the print cartridge is moved to the wiping position.

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

 Also refer to the software application PCset graphic - Maintenance - "[Changing the Print Cartridge](#)".

 The print carriage  can also be moved to wiping position by pressing the function button for print cartridge .

1.3.6 Settings

[Signals](#)

[Print](#)

[Device security](#)

[Date-Time](#)

[Miscellaneous](#)

[Imprint list](#)

[Printer mode](#)

[Operating mode](#)

[Language](#)

1.3.6.1 Signals

Button sounds

- ▶ By selecting  the jetStamp 1025 (sense) switches the button sounds on/off.

Warning sounds

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

Error sounds

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

1.3.6.2 Imprint

Intensity

- ▶ Choose from "Economical", "Normal", "Bold", "Double" or "Double bold".

Spitting & heating

- ▶ Choose from "Off", "Min", "Medium", "Strong", "Max." and "Heat (before print)" activated / deactivated. In addition, the function "seal X [s]" allows you to customise the sealing time of the print cartridge.

Details on the option "Heat (before print)":

This only applies to the quick-drying "MP" inkjet print cartridges (see under [Accessories](#)) when the machine is used at an ambient temperature below 20°C.

Details for the option "seal X [s]"

(X stands for the number of seconds that can be set):

The "seal" time is the period of time during which the print cartridge  remains in the print area  after a print process and does not immediately return to the seal  (to close the print cartridge nozzle ).

The factory preset time varies depending on the print cartridge type.

If necessary, this "seal" time can be manually adjusted to a value between 01-99 seconds by ▲▼ scrolling to meet the individual requirements of your process.

When changing the print cartridge, the factory preset time is automatically detected and adopted depending on the print cartridge type.

 Unnecessarily long "seal" times should be avoided to prevent the ink from drying out.

Imprint sequence

- ▶ Choose from "Off" or "Next imprint". If "Next imprint" is selected, the print image is advanced after each imprint.

Colour

- ▶ Choose between "Inverted" (background black) and "Normal" (background white).

Alignment

- ▶ Choose from "0° rotation" or "180° rotation" of the print image.

Size

- ▶ Choose from "Normal", "Zoom (A to B)" or "Zoom (B to A)".

When selecting "Zoom (A to B)" or "Zoom (B to A)", a magnified image, the 2-inch imprint, is created, which indicates the direction of movement of the device in order to print the print image in two sub-processes. Also see the description under "[Display and button functions](#)", which explains the symbols   in header A.

Additional accessories are required for this function, such as the guide template SPIKES or the guide template ADHESIVE COATING. For more details see the category "[Accessories](#)" on our homepage.

1.3.6.3 Device security

Change password

- ▶ Setting the device password.
By pressing  the password is adopted.

 After entering and activating a password (except for password 0000), 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.

Change admin passw.

- ▶ Setting the admin password.
By pressing  the password is adopted.
After the password has been set, the header of the device display shows the symbol "A". You are now in admin mode.
- ▶  Press the ON/OFF button to exit admin mode.

 See "Preparation and commissioning" - "Commissioning" - "[Setting the admin password if required](#)".

Lock device after

- ▶ Setting the time after which the jetStamp 1025 (sense) is automatically locked.
The following different time intervals are available for selection:
"30 sec", "1 min", "2 min", "5 min" or "Never".

1.3.6.4 Date-Time**Change date/time**

- ▶ Setting the time of the jetStamp 1025 (sense) allows for the date and time to be adjusted directly on the device.

Summertime

- ▶ Daylight savings time setting with selection from "None", "Europe" or "America".

1.3.6.5 Miscellaneous[Factory settings](#)[Protocol](#)[Sensor type](#)[Hotkey](#)**1.3.6.5.1 Factory settings**

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

1.3.6.5.2 Protocol

- ▶ Selection between "Off" or "On".
Selecting ✓ records each imprint on the SD card in the file "profile.txt" (time, print image, numbering machine 1)

1.3.6.5.3 Sensor type

Applies only to the *jetStamp 1025 sense*:

[No sensor](#)[Barcode scanner](#)[V24-RS232](#)

Clips are on our homepage www.reiner.de or on YouTube.

1.3.6.5.3.1 No sensor

Applies only to the *jetStamp 1025 sense*:

Setting the sensor type:**"No sensor"**

- ▶ By selecting ✓, the *jetStamp 1025 (sense)* is set for typical mobile use with no sensor connected.

Certain settings or options are activated or deactivated with the ✓ icon.

► Sensor work sequence "✓" required?

Explanation: Determines when printing is triggered, depending on how many scans have been performed previously.

- xxx scans then (xxx = adjustable number of scans: 000 - 255)
- xxx imprint (xxx = adjustable number of imprints: 000 - 255)

→ **Printing will only commence once the defined number of scans has been completed.**

1.3.6.5.3.2 Barcode scanner

Applies only to the *jetStamp 1025 sense*:

**Setting the sensor type:
"Barcode scanner"**

Certain settings or options are activated or deactivated with the ✓ icon.

► "Edit if not readable ?"

Explanation: What happens if the barcode cannot be read?

This can be selected with "Yes" or "No":

Yes:

► Sensor work sequence "✓" required?

Explanation: Determines when printing is triggered, depending on how many scans have been performed previously.

- xxx scans then (xxx = adjustable number of scans: 000 - 255)
- xxx imprint (xxx = adjustable number of imprints: 000 - 255)

→ **Printing will only commence once the defined number of scans has been completed.**

- OR -

Sensor work sequence " " required? (without setting the ✓)

The printing process starts immediately after scanning.

► "Function lateral trigger buttons ?"

*Explanation: Determines whether the lateral trigger buttons ① require a **short** or **long key press** to trigger the **sensor** or execute the **printing start**.*

Possible combinations:

- Sensor / Sensor
- Sensor / Print
- Print / Sensor

❓ If you have any questions about the sensor settings, our Service & Support team will be happy to help you. Contact: ☎ +49 7723 657-388 ✉ repair@reiner.de

 See "Preparation and commissioning" - "Commissioning" - "[Attaching the sensor adapter](#)".

1.3.6.5.3.3 V24-RS232

Applies only to the *jetStamp 1025 sense*:

All V24 or RS232 devices, such as a scale, can be connected and data transmitted via the V24-RS232 sensor adapter cable.

Setting the sensor type: "V24-RS232"

Certain settings or options are activated or deactivated with the  icon.

► "Function lateral trigger buttons ?"

*Explanation: Determines whether the lateral trigger buttons  require a **short** or **long key press** to trigger the **sensor** or execute the **printing start**.*

Possible combinations:

- Sensor / Sensor
- Sensor / Print
- Print / Sensor

 If you have any questions about the sensor settings, our Service & Support team will be happy to help you. Contact: ☎ +49 7723 657-388 ✉ repair@reiner.de

 See "Preparation and commissioning" - "Commissioning" - "[Attaching the sensor adapter](#)".

1.3.6.5.4 Shortcut key

Selection options:

- "Not used" (deactivates the hotkey so that no function is assigned).
- "Rep. last impr." (repetition of the last imprint).
- "Numberer reset" (reset numbering)
- "Numberer next" (continue numbering)
- "180° image rotation" (rotates the imprint by 180°)
- "Print trigger" (works like the centre red trigger button )
- "Edit imprint" (customise imprint)

1.3.6.6 Imprint list

Delete imprint?

- By selecting , a list appears from which the print image to be deleted can be selected.

1.3.6.7 Printer Mode

 The printer mode can only be used in conjunction with the corresponding printer driver for all ERP systems such as Word, Excel, SAP, ERP, labelling software, etc. The required printer driver is available for download on the REINER website at www.reiner.de.

Normal (no repeats) (no print repetition)

- ▶ The "standard printer mode" is set by selecting ✓. This means that the print job sent to the *jetStamp* 1025 (sense) is automatically deleted after printing.

Repeat endless (Endless repetitions)

- ▶ By selecting ✓, the print job is retained and can be repeated an unlimited number of times. It is only removed when the user deletes it from the printer queue.

Print queue to SD (print in sequence)

- ▶ By selecting ✓, the entire printer queue (that may contain several different print images) is temporarily stored on the SD card. The print images can then be printed later in the sequence sent. The status bar shows how many print images are still in the queue.

1.3.6.8 Operating mode

 The operating mode is intended for **stationary use**. The selection of a specific operating mode depends on the user's requirements and the specific applications of the *jetStamp* 1025 (sense).

Normal (factory setting)

- ▶ By selecting ✓, the *jetStamp* 1025 (sense) is set for typical mobile use.

Station capping (sealing station)

- ▶ By selecting ✓ the print head also moves to the sealing station during printing pauses, as in typical mobile use, and thus protects the print head from drying out. If spitting is set, this also takes place before printing.

Station fix (fixed position)

- ▶ By selecting ✓, the *jetStamp* 1025 (sense) always remains fixed in a defined print area. It is possible to enter a speed in the range of +/- 500 millimetres per second (mm/s). The negative sign (-) stands for the forward movement or the left-hand direction in linear drive inline operation, while the positive sign (+) applies for the reverse movement or the right-hand movement.

1.3.6.9 Language

- ▶ By selecting ✓, the *jetStamp* 1025 (sense) can be set to "English", "Deutsch", "Español" or "Français".

1.4 Special functions

[Arrow key](#)

[Check mark](#)

[On/off button](#)

[Display keyboard](#)

1.4.1 Arrow key

If there are many print images on the device, press and hold one of the arrow keys  or  to move more quickly from print image to print image.

1.4.2 Check mark

By pressing and holding the  symbol, this setting is accepted and the device goes from the menu back to the print image view.

1.4.3 On/off button

By briefly pressing the on/off button  the device goes from the menu view to the print image view.

1.4.4 Display keyboard

 Is displayed only if a print image is stored with a placeholder object. This can be recognised by the fact that the display (see "[Display and key functions](#)") displays the  symbol.

► Pressing the  symbol on the *jetStamp 1025 (sense)* goes to the editing mode of the placeholder text object.

Edited sample image:



Commands for the 4 push-buttons in editing mode:


With a **short press**, the **Cursor moves vertically downwards** on the keyboard.



A **long press** on the **Shift key** switches the keyboard to upper case letters and special characters.



Pressing moves the **Cursor to the left or right** on the keyboard.



With a **short press**, the **selected button** is appended to the text **to be edited**.



A **long press** on the **Enter key** exits the editing mode.
The *jetStamp* 1025 (sense) gives a short beep and the display shows the edited print image.

Important commands on the display keyboard:


If the cursor is on this symbol, shortly pressing the "✓" button moves the cursor one position to the left and removes the character located there.



If the cursor is on this symbol, shortly pressing the "✓" button moves the cursor one position to the right and removes the character located there.



If the cursor is on this symbol, shortly pressing the "✓" button moves the cursor through the already-entered text back to the left to edit it again afterwards.



If the cursor is on this symbol, shortly pressing the "✓" button moves the cursor through the already-entered text back to the right to edit it again afterwards.



If the cursor is on this symbol, shortly pressing the "✓" button goes to the next line.



If the cursor is on this symbol, shortly pressing the "✓" button enters a space character.

Additional function on the *jetStamp* 1025 (sense) in editing mode:


A **short press** on the function button for the print cartridge 5 displays umlauts and special characters when the cursor is positioned on the respective vowel.

A **long press** on the function button for the print cartridge 5 will cause the entire text to be deleted.



Also see Preparation and commissioning - ["Setting the editing on the device"](#).

2 Important notes

Before commissioning of the *JetStamp 1025 (sense)*, 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](#)

[Seal](#)

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 application. 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 is only permitted via the ON/OFF button.

2.3 Seal

-  The seal must be inserted accordingly with the insertion/replacement of the print cartridge or also replaced. Please observe the brief instructions enclosed with each print cartridge!

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 (sense)* 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) type nickel metal hydride (REINER item number: 946 192 - 000) of build 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!

 Only trained specialists should perform repairs.

3.4 Safe handling of the device and print cartridges

WARNING

Possible blindness due to eye contact with ink.

- ▶ = do not point the *jetStamp* 1025 (sense) 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!

Special notes:

This device must not be used by children under the age of 14 years; increased caution is required when the device is used by children or people with disabilities, to avoid the risk of injury or operating errors.

4 Preparation and commissioning

-  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.

[Commissioning](#)

[Execute test print](#)

[Edit placeholder text on the device](#)

[Saved print images](#)

[Activate Bluetooth](#)

[Install PCset graphic software](#)

[Firmware update](#)

4.1 Commissioning

-  Find a clip on our homepage www.reiner.de or on YouTube.
-  The "Quickstart-Guide jetStamp® 1025 sense – Brief instructions" is available on our homepage in the section Downloads – Brief instructions, which contains step-by-step illustrated instructions.
-  The device may only be switched off via the ON/OFF button .
Switching off by removing the rechargeable battery can lead to data loss.

[Rechargeable batteries](#)

[Seal and pressure cartridge](#)

[Attaching sensor adapter](#)

4.1.1 Rechargeable batteries

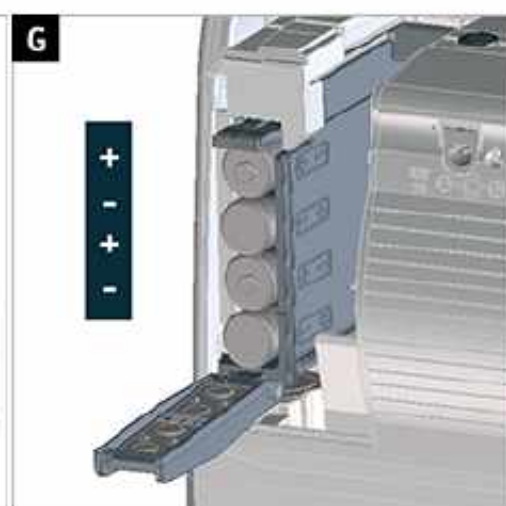
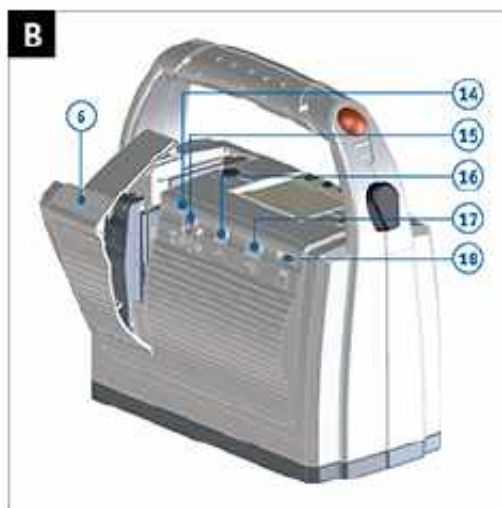
The batteries must be fully charged before first application. The charging time is approx. three hours. The batteries are charged when the green charging indicator **14** is off

[Inserting rechargeable batteries](#)

[Charging rechargeable batteries](#)

4.1.1.1 Inserting rechargeable batteries

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

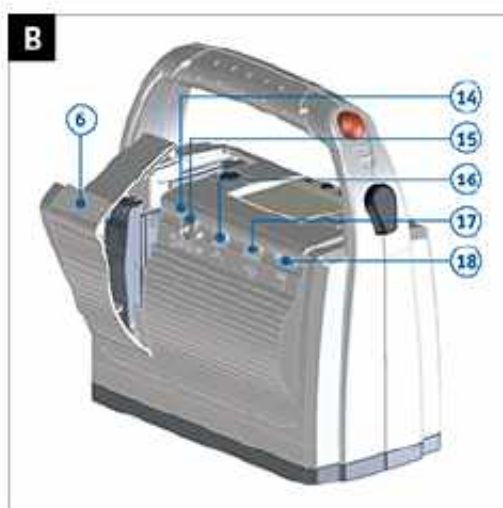


Always replace all flat rechargeable batteries at once.
When the batteries are removed, the date, time and counter reading of the numbering machines are maintained.

- ▶ 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.

4.1.1.2 Charging rechargeable batteries

Charge rechargeable batteries ⇨ Fig. B



i The power socket must be easily accessible for the mains adapter. To disconnect the device completely from the mains, the mains adapter must be unplugged from the power socket.

- ▶ 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.

4.1.2 Seal and pressure cartridge

i The seal and pressure cartridge are shipped separately from the device - follow the instructions below.

[Insert the seal](#)

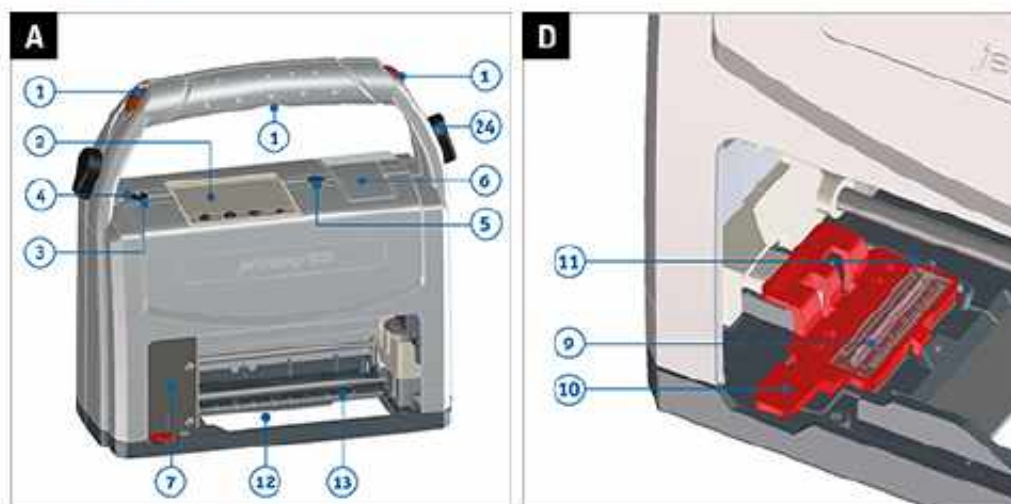
[Inserting the print cartridge](#)

4.1.2.1 Insert the seal

Insert seal ⇨ Fig. **A** + **D**

i Different seals are required depending on the type of ink used (also see "[Replace seal](#)").

i Always use the seal of the associated print cartridge – be sure to replace the seal with new print cartridges.



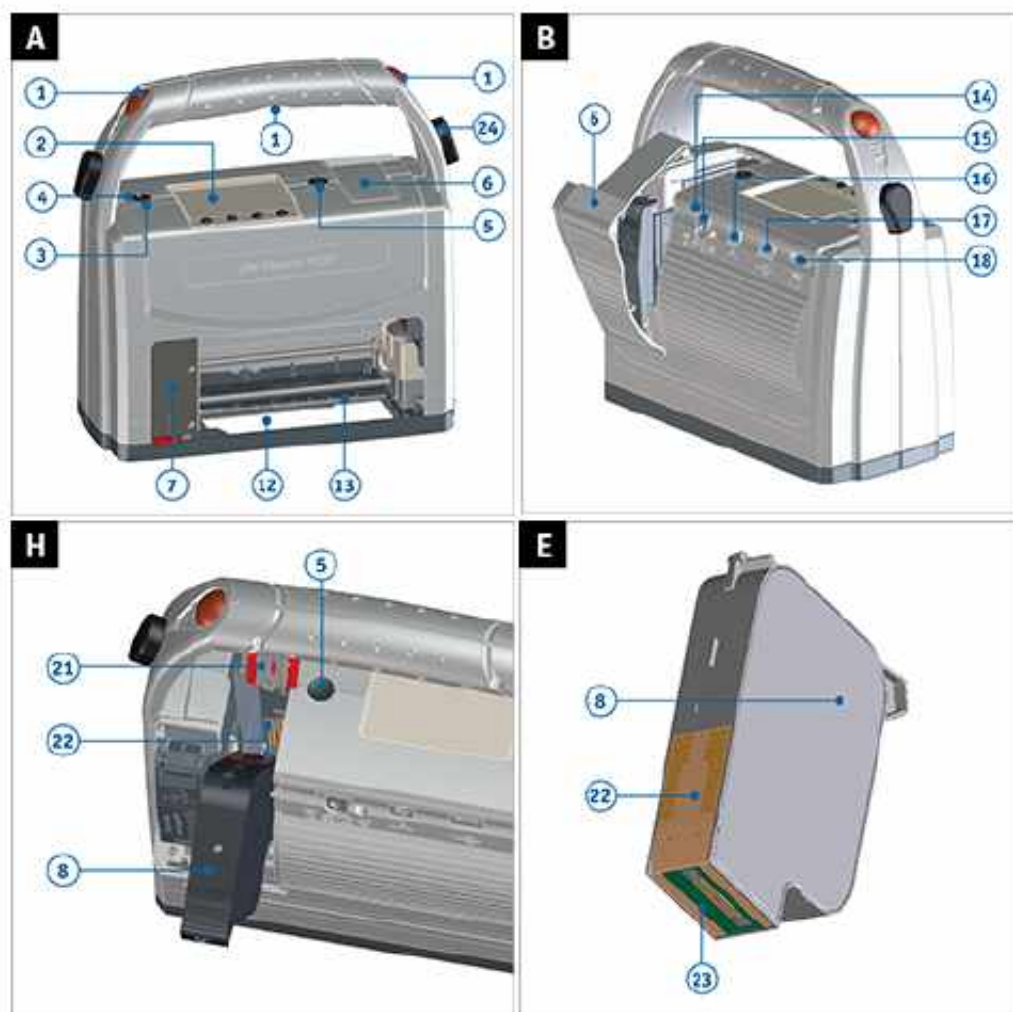
- ▶ Place the device on a solid surface and switch it on using the ON/OFF key **3** switch on. The operating status LED **4** lights up green.
- ▶ Press function button for print cartridge **5**. Print carriage **7** moves to the right into the cleaning/wiping position.
- ▶ Remove the seal from the packaging and install it in the device, holding the retaining clip of the seal **10** in the process. (see operating instructions for the print cartridge P5).
- ▶ Insert seal tip **11** into the notch.
- ▶ Press the seal **9** slightly down until it snaps into place in the holder.

4.1.2.2 Inserting the 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 cleaning/wiping 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 package and remove the **reusable clip** and **store them** (see operating instructions for the print cartridge P5).
- ▶ Place the device on a firm surface.
- ▶ Hold the print cartridge locking red **21**.
- ▶ Insert the print cartridge **8** into the print carriage at an angle, see figure **H**.
Make sure it slides all the way down. To do so, press the nose of the print cartridge until the print cartridge **8** is straight.
- ▶ Close the print cartridge locking red **21**.

- ▶ Close flap for battery and print cartridge compartment **6**.
- ▶ Press function button for print cartridge **5**.
The print carriage **7** returns to the parking position.

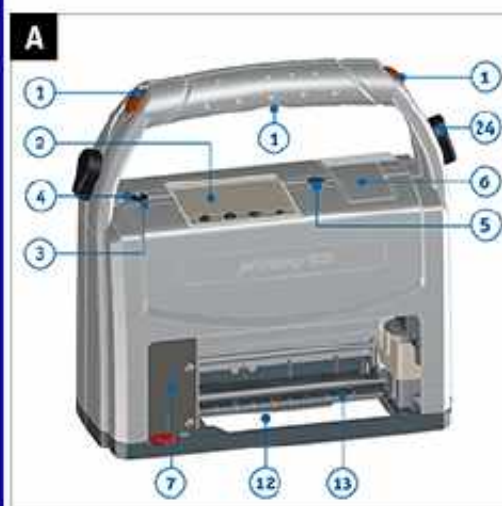
i The cleaning/wiping position can also be selected via the display menu.

i In the parking position, the seal **9** prevents the ink from drying out (see [Clean nozzles](#))

4.1.3 Attaching sensor adapter

Applies only to the *jetStamp 1025 sense*:

Sensor adapter ⇨ **Fig. A**



- ▶ Firmly attach/press the sensor adapter **25** to the sensor socket **24** of the device.

i Further information and detailed instructions on how to use the barcode scanner can be found in the "Quickstart Guide - Barcode Scanner" on our website at www.reiner.de.

i Also see the necessary device settings under "Miscellaneous" - "[Sensor type](#)".

4.2 Adjust date and time if necessary

 See the device settings, under ["Date/Time"](#).

- ▶  press and scroll  until the display shows **"Settings"**.
- ▶  press.
The menu **"Settings"** menu appears.
- ▶  scroll to **"Date-time"** and press .
- ▶ Menu **"Change date/time"** and **"Daylight savings time"** appears.
- ▶ Navigate the **"Change date/time"**  menu.
- ▶  press.

Display:

Change date/time

dd MM yyyy HH mm
p

The cursor "p" indicates the current editing position.

- ▶ To set the day **"dd"**, press  and confirm with .
- ▶ To set the month **"MM"**, press  and confirm with .
- ▶ To set the year **"yyyy"**, press  and confirm with .
- ▶ To set the hours **"SS"**, press  and confirm with .
- ▶ To set the minutes **"mm"**, press  and confirm with .
- ▶ In order to get to the next menu item, press .
- ▶ Menu **"Change date/time"** and **"Daylight savings time"** appears.
- ▶ In order to get right to the next menu item, press u.
– OR –
- ▶ To exit the menu, press  four times.
The print image selected in the menu appears.

4.3 Set summertime (daylight saving interval) if required

 See the device settings, under ["Settings"](#) - ["Date-Time"](#) - ["Summertime"](#).

- ▶  press and scroll  until the display shows **"Settings"**.
- ▶  press.
The menu **"Settings"** menu appears.
- ▶  scroll to **"Date-time"** and press .
- ▶ Menu **"Change date/time"** and **"Daylight savings time"** appears.
- ▶ Navigate the menu **"Daylight savings time"** .

- ▶ ✓ press.
- ▶ Select the desired setting ▲▼:
"None", "Europe" or "America".
- ▶ ✓ press.
- ▶ To go to the next menu item, press ↩.
- ▶ Menu "Change date/time" and "Daylight savings time" appears.
- ▶ In order to get right to the next menu item, press ▲▼u.
- ▶ – OR –
- ▶ To exit from the menu, press ↩ fourtimes.
- ▶ The print image selected in the menu appears.

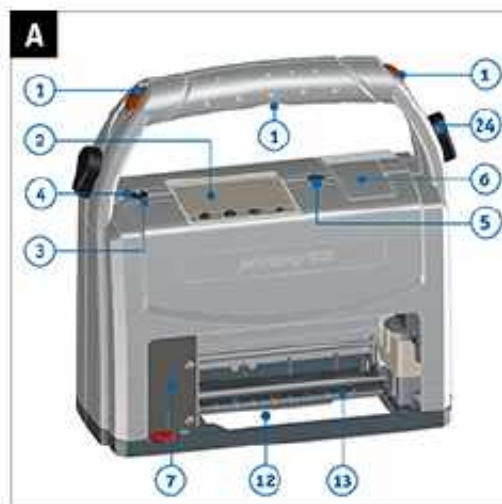
4.4 Execute test print

⚠ WARNING

Possible blindness due to eye contact with ink.

Execute test print ⇔ Fig. **A**

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

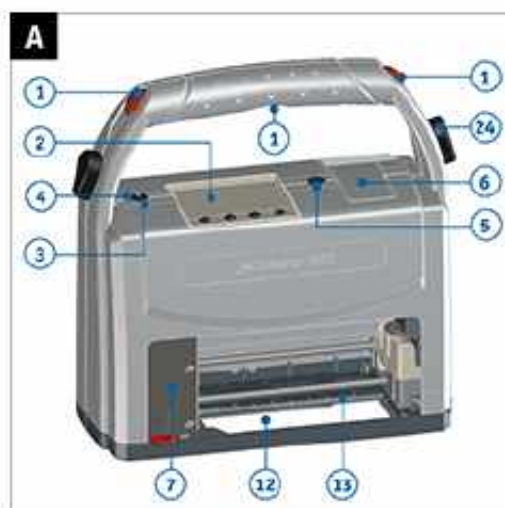


- ▶ Switch on the device via the ON/OFF button ③.
- ▶ The operating status LED ④ lights up green.
- ▶ Place the device on a flat surface to be printed.
- ▶ Press any trigger button ①.
- ▶ The print image selected in the menu is printed.

4.5 Edit objects on the device

i You can tell whether a print image is stored with a placeholder for text or a numbering machine object by the fact that the display (see "[Display and key functions](#)") displays the  symbol. The area for a placeholder text in the display is also shown with a grey background.

Edit objects on the device ⇨ Fig. **A**



- ▶ Switch on the device via the ON/OFF button **3**, if it has not already been switched on. The operating status LED **4** lights up green.
- ▶ To activate the placeholder, press the button  on the *jetStamp 1025 (sense)* display **2**. The system now switches to the editing mode. Depending on the placeholder type, the display shows **2** either the display keyboard for text input or for editing the numbering machine. If there are several placeholders in a print image, a list is displayed to select which placeholder is to be edited.

Example: Display keyboard for text input



Example: Editing of the numbering machine:



i For more information on the key functions, see "[Special functions - Display keyboard](#)"

In this example, the text "write text" is edited instead of the placeholder.
Also see in the software application PCset graphic under "[Objects settings - Placeholder Text](#)".

- ▶ In this picture, the button "t" is the selected button (cursor position) on the keypad.
 - ▶ Enter the desired text by taking the key functions "[Special functions - Display keyboard](#)" into account.
 - ▶ To update the display, briefly press the ON/OFF button **3** on the device.
 - ▶ Place the device on a flat surface to be printed.
 - ▶ Press any trigger button **1**.
- The print image selected in the menu is printed.

4.6 Saved print images

- i** 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.

4.7 Activate Bluetooth

- i** Bluetooth cannot be activated while an USB connection is active. For more details on Bluetooth and USB, see "[Interfaces](#)".
- i** If Bluetooth is active, the battery runtime reduces since Bluetooth is active in standby mode as well.
- ▶ To activate Bluetooth, press the Home  button, and select Wireless  on the display **2**
under Menu - Wireless - "Bluetooth on" ✓
- ▶ To establish the Bluetooth connection with the device, follow the instructions "[Establish Bluetooth connection](#)".

4.8 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.
-  The local time CET/Central European Time is preset at delivery of the device. Once the device is connected to a PC with the PCset graphic software and a print image is then transferred to the device, the device adopts the local time (see "[Transferring a print image to the jetStamp 1025 \(sense\)](#)").

[System requirements](#)

[Installing the software](#)

4.8.1 System requirements

Supported REINER devices

- *jetStamp graphic 970*
- *jetStamp graphic 1025*
- *jetStamp graphic 1025 sense*
- *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, Windows 11

4.8.2 Installing the software

Administrator rights on the PC are required for the installation.

- ▶ Plug the USB stick supplied with the device into the USB port of your PC.
- ▶ If the installation program does not start automatically, start the file "**Setup_PCsetgraphic.exe**".
- ▶ Follow the installer's instructions.

-  The software is also available for download on the homepage in the product area jetStamp 1025 (sense).

4.9 Firmware update

The latest firmware for the jetStamp 1025 (sense) is available at www.reiner.de.

 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 (sense) must not be switched off or removed from the supply voltage.

- ▶ Connect the mains socket **15** to the supply voltage via the mains adapter.
- ▶ 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.
- ▶ **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.

4.10 Setting the admin password if required

 See in the device settings under "[Change admin passw.](#)".

The abbreviation "admin" stands for "administrator" and means that you, as the administrator of the device, only allow the user limited access to the device menu.

If an admin password is set, this protects the device from changes to the settings and the user only has access to the following menus:

- "**Functions**" and
- "**Change wipe position**"

To access the "**Settings**" menu, the admin password must be entered. The other menus in the "[Main menu](#)" do not appear on the device display at all.

- ▶  press and scroll  until the display shows "**Settings**".
- ▶  press.
scroll  to "**Device security**" and press  to select
- ▶  scroll to "**Change admin passw.**" and press  to select.

Display:

Admin password

0 0 0 0

p

The cursor "p" indicates the current editing position.

To move to the next position, press .

The password must have 4 characters.

The following characters can be used: 0-9.

- ▶ Assign a password with the ▲▼ buttons.
- ▶ To return to the previous menu item "Device security", press ↩.
Menu "Change password", "Change admin passw." and "Lock device after" appears.
– OR –
To exit the menu, press ↩ four times.
- ▶ The print image selected in the menu appears and the header shows the symbol "A".
The symbol "A" means that you are in admin mode.
- ▶ ③ Press the ON/OFF button to exit admin mode.

i Before passing the device on to the user, make sure that you are no longer in admin mode. The symbol "A" must NOT be shown in the display.

By entering the password 0000 the password is reset.

5 The PCset graphic software application

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

[Starting the software](#)

[Operator interface](#)

[Enable print image preview in Windows Explorer](#)

[Establishing Bluetooth connection](#)

[Example workflow: Generating the print image](#)

[Objects settings](#)

[External print triggering](#)

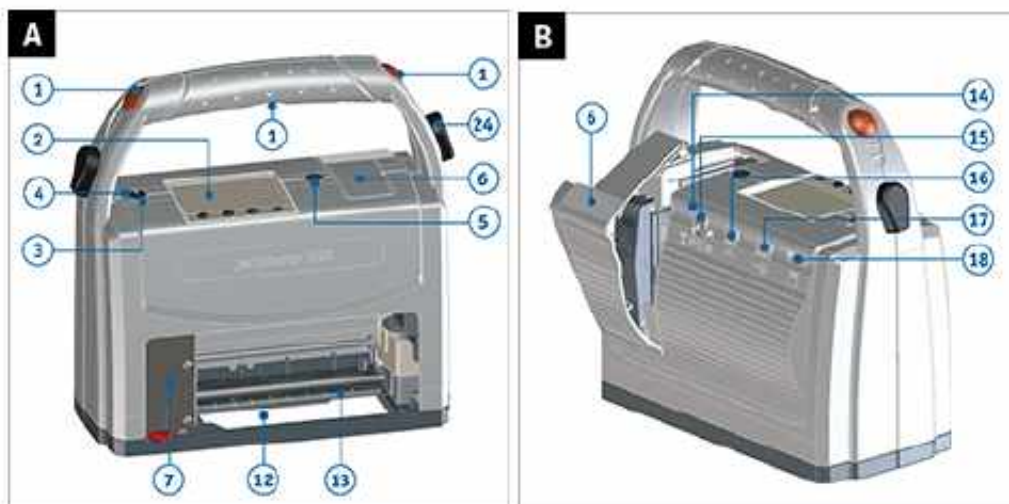
[Fonts](#)

Supported REINER devices

- jetStamp 1025
- jetStamp 1025 sense
- jetStamp graphic 970
- REINER 940

5.1 Get jetStamp 1025 ready for PCset graphic

Get jetStamp 1025 (sense) 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. (see "[Installing the software](#)")

- ▶ 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 (sense)* as a new USB device.
The device driver software is installed automatically.

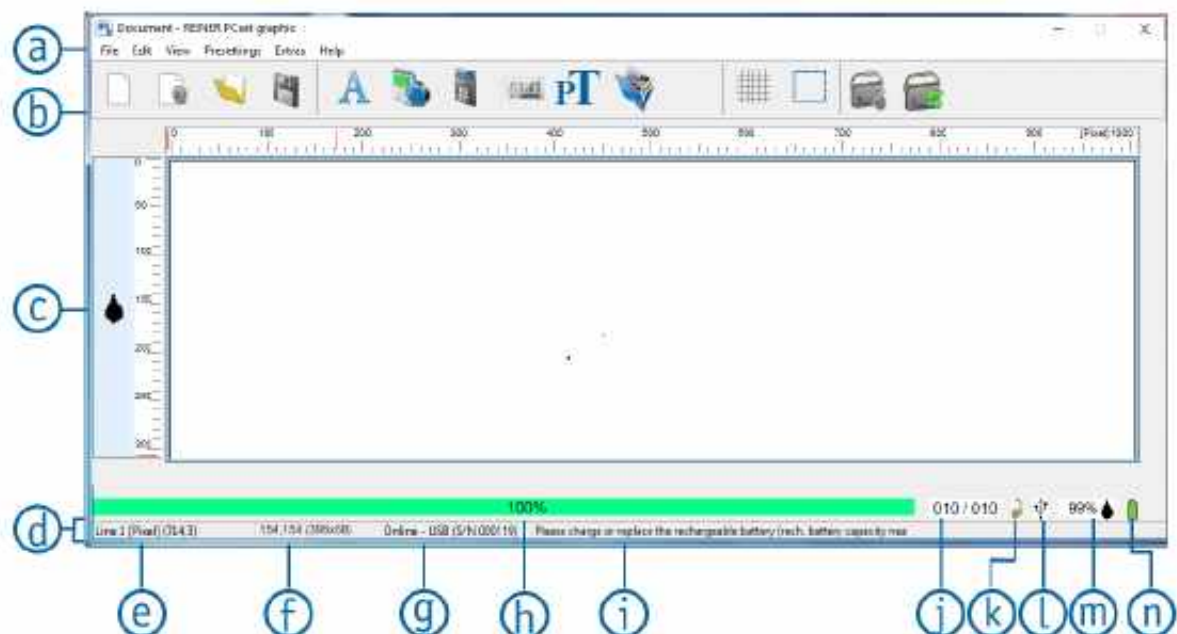
5.2 Starting the software

- ▶ 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](#).

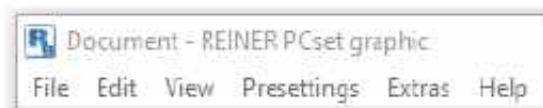


- | | |
|--|--|
| a Menu bar | h Transfer process |
| b Toolbar | i Device messages |
| c Print image | j Imprint numbers |
| d Status indicators | k Device security |

- | | | | |
|---|--|---|---------------------|
| e | Cursor position | l | Connection |
| f | Object position [object size] | m | Ink level indicator |
| g | Online/offline (connected device with serial number) | n | Charge indicator |

5.3.1 Menu bar

In addition to the functions in the tool bar [b](#), you can find a menu bar [a](#) in the REINER PCset application.



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 - Font	Configure font.
Device settings	Configure the imprint settings, signals, and functions.
Multiple print image transfer	Multiple print images are transferred to the device.
Print image management (transfer/upload)	The print image management of the jetStamp 1025 makes it possible to send new print images to the device. Existing print images can be deleted or uploaded to the PCset graphic software for editing. After editing, the modified print images can be transferred back to the jetStamp 1025. See "Example workflow: Generate print image - Print image management (transfer/upload)"
Search for REINER Bluetooth devices	Searches for REINER Bluetooth devices. This function is only available if there is no USB connection.
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.
Paste	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%, and 200%
Imprint limitation for 2-inch guide template	Orientation aid for 2-inch guide template. This marking shows the maximum print area.
Display lock in toolbar	Show or hide device security button.

REINER 940	Operating interface REINER 940 appears.
<i>jetStamp</i> graphic 970	Operating interface <i>jetStamp</i> graphic 970 appears
<i>jetStamp</i> 1025	Operating interface <i>jetStamp</i> 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.
Placeholder text	Settings for placeholder text objects can be positioned.

Applies only to the *jetStamp* 1025 *sense*:

Sensor	Settings for sensor objects can be configured. Depending on the model type.
--------	---

5.3.1.5 Extras

Function	Description
Device security	The device security 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.
Feedback	Please let us know your thoughts! Your feedback is valuable in helping us to further develop our marking devices and adapt them even better to your requirements.
Updates	Shows whether your PCset graphic software and your <i>jetStamp</i> 1025 (<i>sense</i>) are up to date. To update, click on the link displayed.
Info	Release notes for the software. If the <i>jetStamp</i> 1025 (<i>sense</i>) is connected, information on model, serial number, firmware version and device options are also displayed.

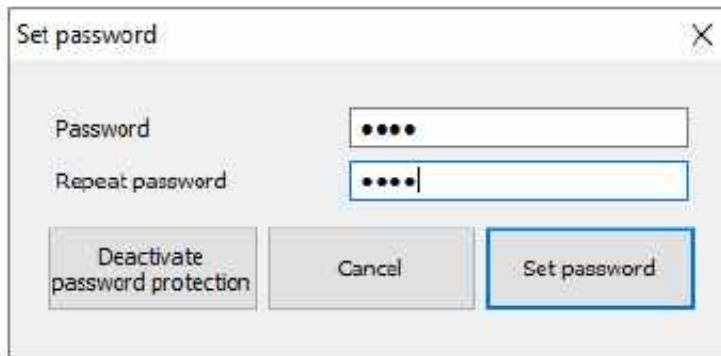
5.3.2 Toolbar

Toolbar 	Menu command	Description
	New	Reset the display. Delete the displayed draft.
	Font	Displays the font. When the device is connected, additional device settings are available.
	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 security	The device security may be set (refer to " Device safety "). The "View" tab allows you to show or hide the device security button by clicking on "Display lock in toolbar".
	Device settings	Displays the device settings .
	Transfer	see Print image management (transfer/upload) .

5.3.2.1 Grid



The print area is divided into the selected raster size.



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 filled with four dots. Below the fields are three buttons: "Deactivate password protection", "Cancel", and "Set password". The "Set password" button is highlighted with a blue border.

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 above 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 object groups described below. Objects can be placed freely using drag & drop (see "[Example Workflow: Generate 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 or in the "Presettings" tab in the [menu bar](#).

Toolbar 	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 the format can be set individually (see " Presettings ").
	Numbering machine	The numbering machine is used for sequential numbering. Starting value, step, and count direction, 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 ").
	Placeholder text	Creates fields for placeholder texts to ensure that font size and positioning of texts can be maintained (see "Configure print image with placeholder text"). After the print image is transferred to the <i>jetStamp 1025</i> (sense), the configuration of the text is done exclusively on the device (see "Edit objects on the device"). - Or - Applies only to the <i>jetStamp 1025 sense</i>: The print text is generated by the sensor, such as the barcode scanner, if used. Find the entire range of accessories on our website - just click here.
	Graphic	After inserting a graphic object, a file selection window opens. Select the desired graphic and confirm with "Open".

5.3.4 Device security

[Device security](#)

[Unlock device](#)

[Lock device](#)

5.3.4.1 Device security

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

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

Three functions can be selected:

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

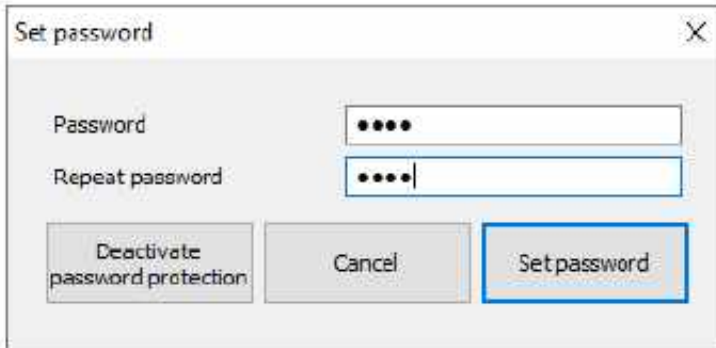
[Set password](#)

[Disable password protection](#)

[Forgotten password](#)

5.3.4.1.1 Set password

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



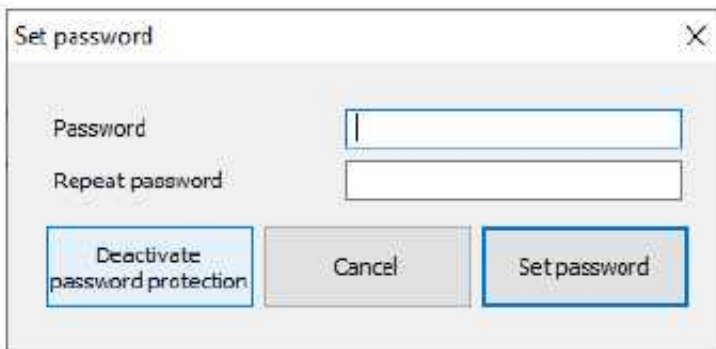
- ▶ To activate the device security,  select the "Extras" tab in the menu bar and use "Device safety → Set password" or go to the toolbar  and click the button .
- ▶ Enter a password.
- ▶ Repeat the password.

The password must have 4 characters.
The following characters can be used: 0-9.

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

5.3.4.1.2 Disable password protection

 "Deactivate password protection" deactivates device safety.



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

5.3.4.1.3 Forgotten password

 When resetting the password, the *jetStamp 1025 (sense)* is reset to the factory setting. All saved print images are deleted.

 The password can only be reset when the *jetStamp 1025 (sense)* 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  for approx. 10 seconds.
When the password is reset, a Warning sound is emitted.

5.3.4.2 Unlock device

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



- ▶ To **unlock** the device, select the "Extras" tab in the menu bar  and click "Device safety → Unlock device" or the button .

- OR -

- ▶ directly on the device in the "Settings" menu.
- ▶ Enter password and click "Unlock".

In the status indicator  and in the toolbar  the symbol changes from  to .

5.3.4.3 Lock device

 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

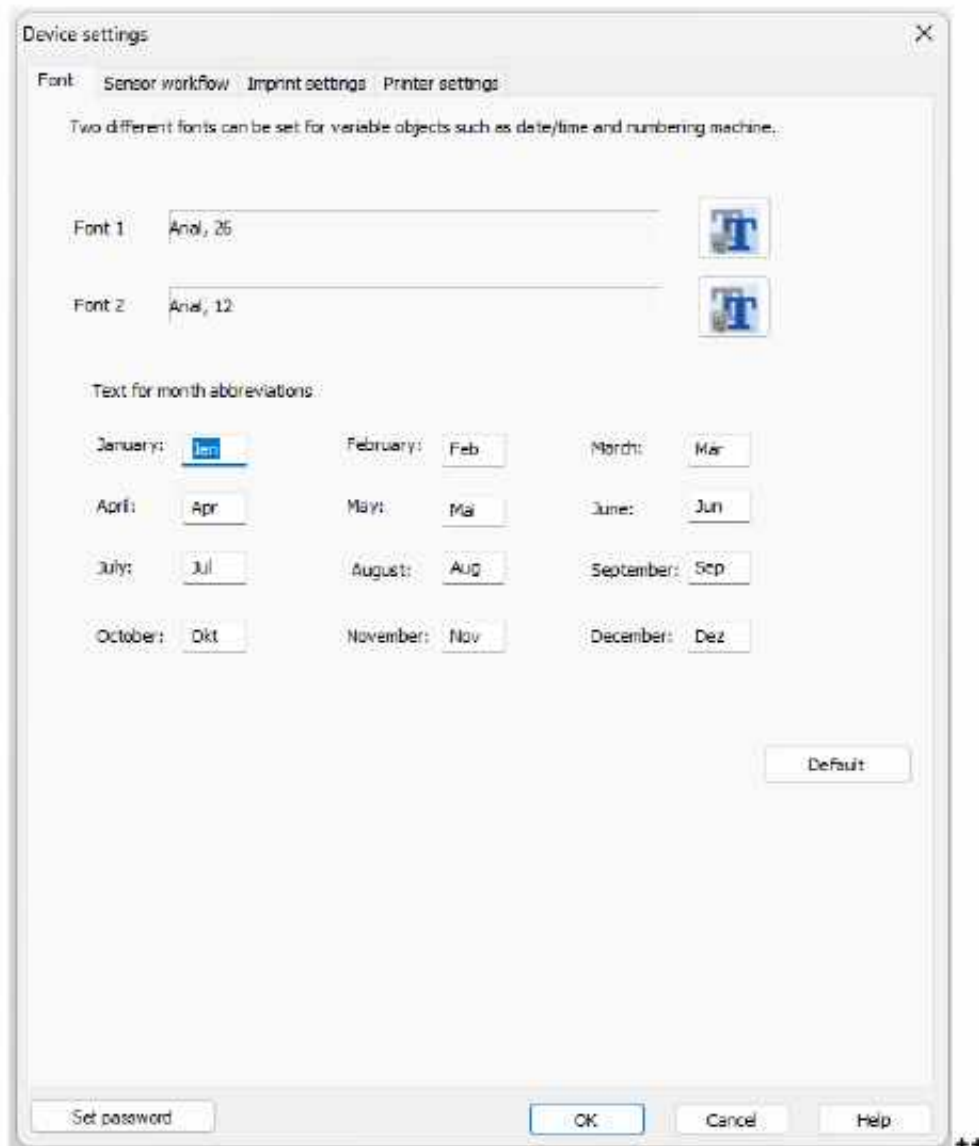
In the status indicator **d** and in the toolbar **b** the symbol changes from  to .

5.3.5 Device settings

- i** The device settings are available as soon as a connection has been established between the *jetStamp* 1025 (sense) and the PC. Alternatively, you can also change the settings directly via the display menu "[Settings](#)" on the device.
- i** In the device settings, you will find several tabs with various functions of the device. Each tab can be individually adapted.
- i** Each tab has a "**Set password**" button.
This allows settings to be protected against unintentional changes. For more information see the description in section [Admin password](#).
Recommendation: Set a password, especially if several people use the device, to prevent accidental changes.



Click on the  symbol.
The device settings (see figure) are opened:



[Font](#)
[Sensor interface](#)
[Imprint settings](#)
[Printer settings](#)

5.3.5.1 Font

i Two fonts can be defined for variable objects (e.g. date/time, numbering machine and sensor).

Function	Description
Font 1	Main font, e.g. Arial, 26 pt
Font 2	Additional font, e.g. Arial, 12 pt
Text for the month abbreviations	Customise, e.g. Jan, Feb, Mar...
Standard	Resets all settings to factory settings

5.3.5.2 Sensor interface

In this tab, there are two areas for configurations:



--> How many barcodes would you like to scan?

Function	Description
Quantity	Specifies how many barcodes are scanned consecutively and combined into one data record (selectable from 1 – 100). Example: If the setting is "Number 3", the system expects exactly three barcodes. See example below.
Various	Allows for the scanning of a variable number of barcodes. The number may vary per data record.
Enable keyboard	Enables manual input via the jetStamp 1025 keypad for unreadable barcodes.

Example with a fixed number of 3:

The following will be scanned:

1. Barcode (QR code) with content: "Ernst REINER® GmbH & Co. KG"



2. Barcode (Code128) with content: "Baumannstraße 16"



3. Barcode (data matrix) with content: "78120 Furtwangen"



Combined result: Ernst REINER® GmbH & Co. KG Baumannstraße 16 78120 Furtwangen

Note: The system joins the content directly together, **without spaces or line breaks**. To make the output readable, **formatting using placeholder objects** is required.

Example formatting of a placeholder object:

Formatting:	"Company: ";1-27;"\nStreet: ";28-44;"\nPostcode: ";45-60;
Result:	Company: Ernst REINER® GmbH & Co. KG Street: Baumannstraße 16 Postcode: 78120 Furtwangen

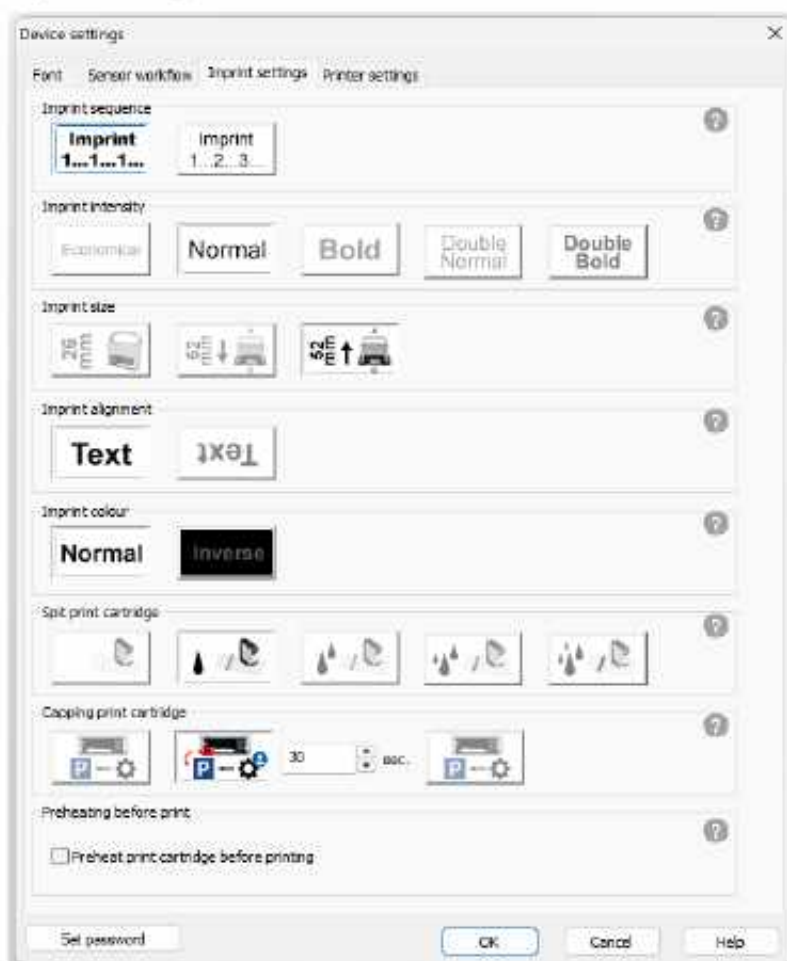
Summary:

This system allows multiple barcodes to be combined into a single data record, which can then be formatted and further processed. For more formatting examples, see "[Examples for formatting inputs](#)".

--> How often would you like to print?

Function	Description
Quantity	Number of printouts selectable from 1 to 99,999 (input or up/down arrow keys). Note: The number entered must be printed in full before a new barcode can be scanned.
Various	Allows for a varying number of prints.

5.3.5.3 Imprint settings



Function imprint sequence	Description
Imprint 1...1...1...	The same print image is printed always.
Imprint 1...2...3...	The print image is automatically advanced after each imprint.

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

Double Normal	Double normal. It is printed twice with Normal intensity. Increased ink consumption.
Double Bold	Double bold. Printing twice with intensity bold. Attention increased ink consumption.

Function print size	Description
26 mm 	Normal standard imprint with the jetStamp 1025 (sense).
52 mm 	2-inch imprint in direction of movement A --> B; the print image is created in two sub-processes.
52 mm 	2-inch imprint in direction of movement B --> A; the print image is created in two sub-processes.

 Accessories are required for the zoom functions. SPIKES guide template or HAFTBELAG guide template. For more details see our homepage.

Function print alignment	Description
Text	Print image with 0° rotation (normal alignment).
Text	Print image 180° rotated (upside down). 180° rotated.

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

Function print colour	Description
Normal	White background.
Inverse	Black background.

Function spit print cartridge	Description
	Off. The flushing function is switched off.
	Minimum. Light spitting activated.
	Medium. Spitting is set to Medium spitting.
	High. Powerful spitting is activated.
	Maximum. Very thorough spitting is set.

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

Function seal print cartridge	Description
	Factory default setting. Depending on the cartridge type, the print cartridge automatically returns to the sealing station after a certain period of time.
 Timed sealing	User-defined time setting. The print cartridge returns to the sealing station after the set time (0-240 seconds).
 Sealing off	!!! The print cartridge is NOT sealed , as it does not move into the printing station!!! Application: Only for continuous inline print operation . Notice: If there is no continuous printing (e.g. machine downtime or fault), the print cartridge may dry out and become damaged.

Function heating	Description
	Activates/deactivates heating. Tick the box to preheat the print cartridge before printing. This function only applies to the quick-drying "MP" inkjet print cartridge (see Accessories) and is recommended when the device is used at temperatures below 20°C. Alternatively, the preheat function can also be activated directly on the device via Menu -> Settings -> Imprint .

5.3.5.4 Printer settings



Function Language	Description
	Sets the menu language of the device to German.
	Sets the menu language of the device to English.
	Sets the menu language of the device to Spanish.
	Sets the menu language of the device to French.

Function Sensor type	Description
	No accessories are connected. The jetStamp 1025 (sense) is used as the basic unit.
	The "Barcode scanner" accessory is connected. For more information on the barcode scanner see www.reiner.de .
	The "V24-RS232 sensor adapter cable" accessory is connected. For more information on the V24-RS232 sensor adapter cable see www.reiner.de .

Function hotkey	Description
	Assigns a function to a hotkey. <u>Selection options:</u> - "Not used": Deactivates the hotkey so that no function is assigned. - "Rep. last impr." (Repeat last imprint). - "Num. machine reset" (Reset numbering machine). - "Numb. mach. next" (advance numbering machine) - "180° rotation" (print image 180° rotated) - "Print trigger" (works like the centre red trigger button ) - "Edit imprint" (Edit manual print image)

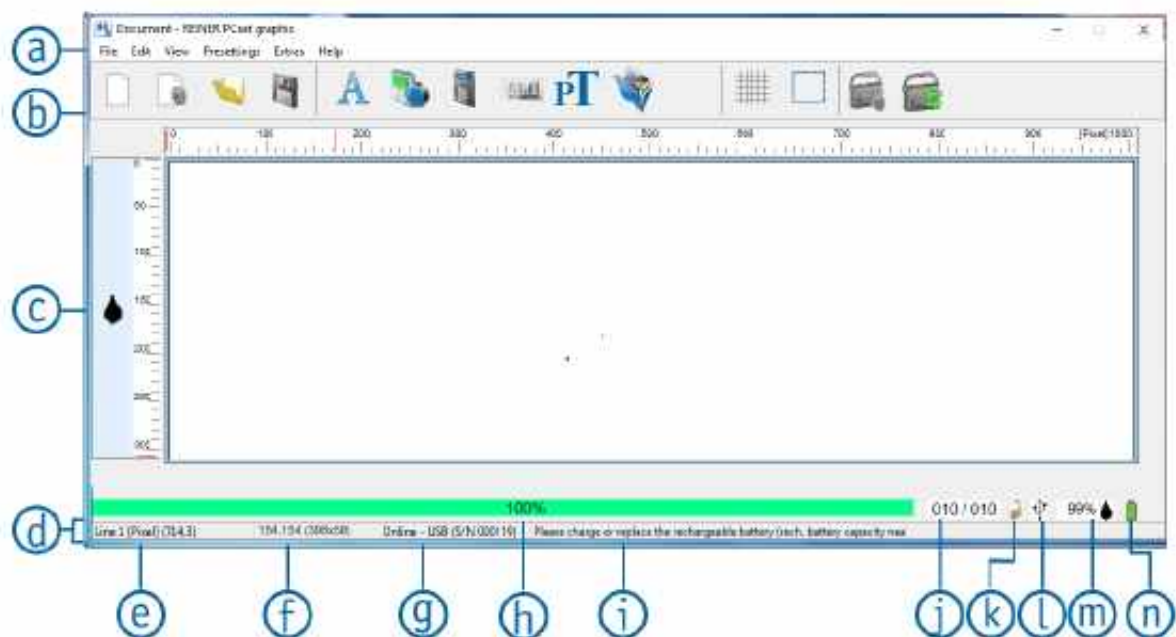
Function signal	Description
 	Acoustic signals when buttons are pressed, warning messages and device error messages can be switched on or off.

Function printer mode	Description
	The printer mode can only be used in conjunction with the corresponding printer driver for all ERP systems such as Word, Excel, SAP, ERP, labelling software, etc. The required printer driver is available for download on the REINER website at www.reiner.de in the marking device - Downloads - Software section. <u>Selection options:</u> - "Normal" (no repeats): Standard printer mode – a sent print job is automatically deleted after printing. - "Endless repeat." (Repeat endlessly): The print job is maintained and can be repeated indefinitely. It will only be removed once it has been manually deleted from the printer queue. - "Queue on SD" (print in sequence): Print jobs are temporarily saved on the SD card and printed later in the sequence in which were received. Status bar shows the number of print images remaining.

Function daylight savings time	Description
	Automatic time switch to daylight savings / standard time. Options: None, EU or America.

Function protocol	Description
	Activates/deactivates protocol: When the protocol is active, all print processes are recorded in the "profile.txt" file on the SD card (time, print image, numbering machine 1).

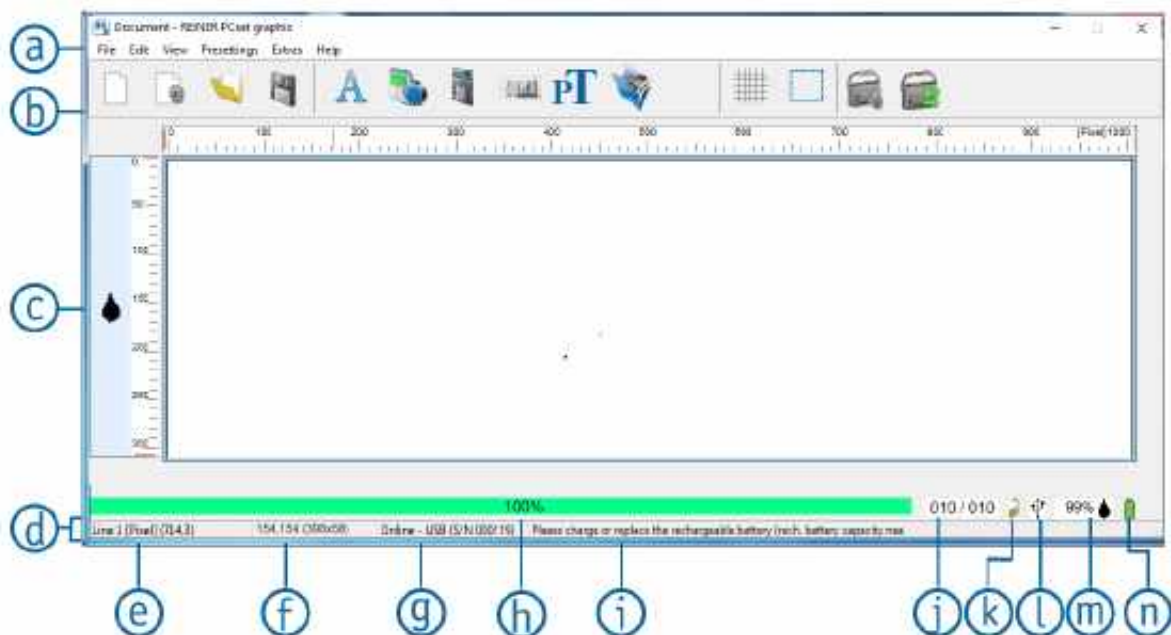
5.3.6 Status indicators



Function	Description	Note
Transfer process h	Indicates the progress of the transfer process of the print image	
Imprint numbers i	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 charge state 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 [object size] 	Position and size of the active/selected object	
Online USB (S/N) 	Device (with serial number) is connected via the USB cable	
Online Bluetooth (S/N) 	Device (with serial number) is connected via Bluetooth	
Offline 	- Device not switched on - USB cable not plugged in - Rechargeable battery empty	
Device messages 	Here you will find notes for troubleshooting	

5.3.7 Device messages



i Device messages **i** 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.	► Inserting the print cartridge
Please remove and re-insert print cartridge	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 moving stiffly.	► 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 in barcode generation	Too few characters entered.	► 7 characters required ► 12 characters required

Note update

Note	Details
 Neue Software verfügbar REINER Aktualisieren Sie die jetStamp 1025-Firmware auf die Version 2.90 Neue Version PCset graphic auf Version 6.40 aktualisieren Neue Version ☐ Diese Nachricht nicht mehr anzeigen OK	This dialogue is automatically displayed if a newer PCset graphic version is available. This dialogue is also displayed if the connected device is not on the latest firmware version. The "New version" internet link leads to the REINER website where you can download the latest version.

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

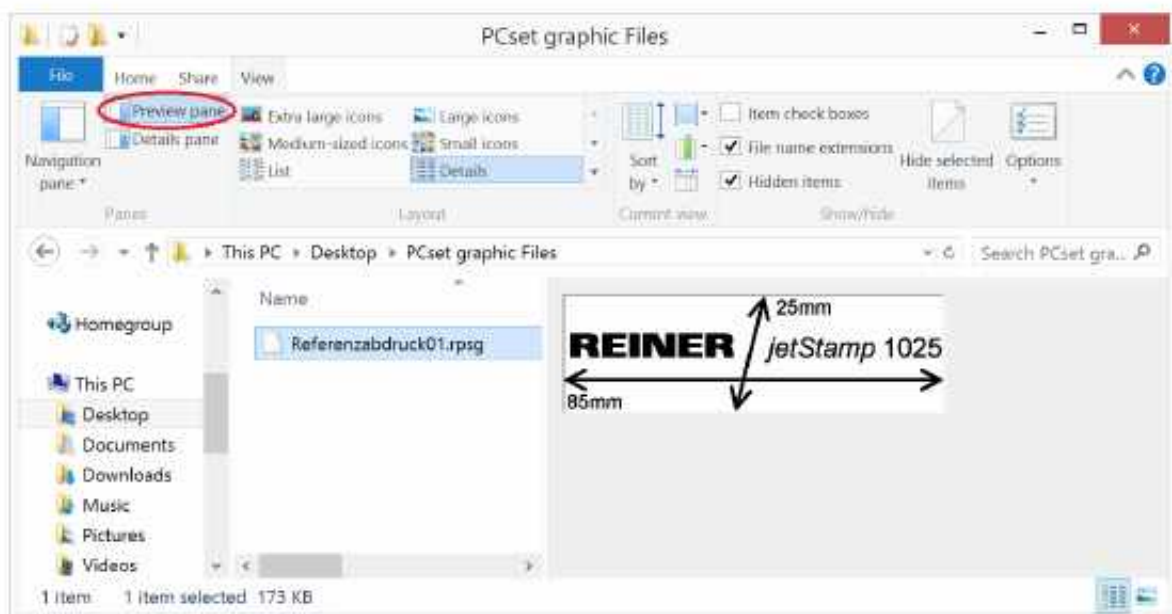


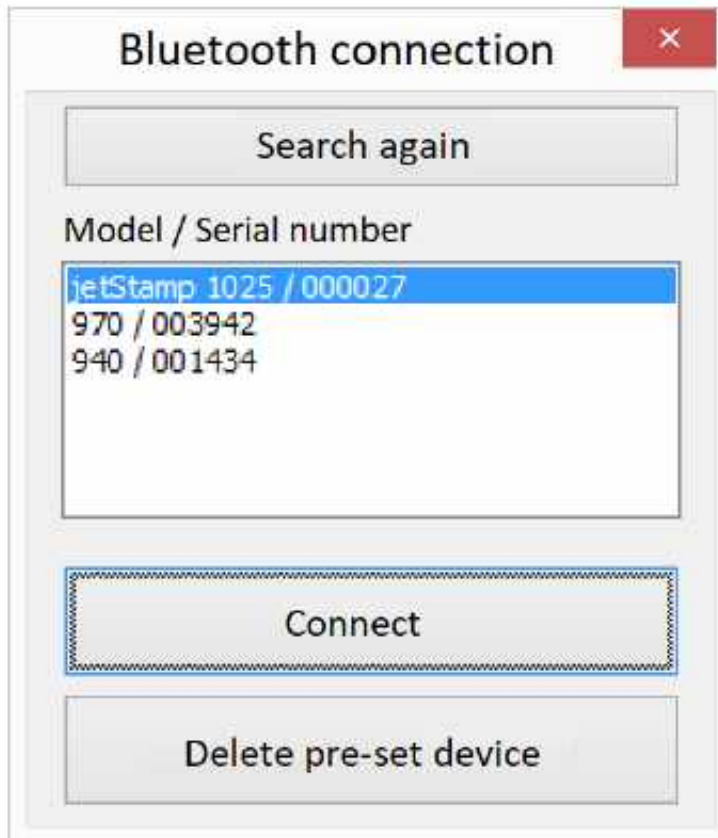
Figure 2 Print image preview in the Open dialogue



5.5 Establishing Bluetooth connection

- ▶ To establish a Bluetooth connection, Bluetooth must be activated on the device (see "[Activate Bluetooth](#)").
- ▶ Open PCset graphic.
- ▶ In the menu bar  select the "File" tab and click "Search for REINER Bluetooth devices".
An automatic search is started.
All available devices, as well as all devices that have already been coupled to the PC/PCset graphic, are displayed with model and serial number.

 If the *jetStamp 1025* (sense) 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* will be 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: Generating the 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](#)").

[Configuring the print image](#)

[Print image management \(transfer/upload\)](#)

[Transferring the print image to jetStamp 1025 \(sense\)](#)

[Printing the print image](#)

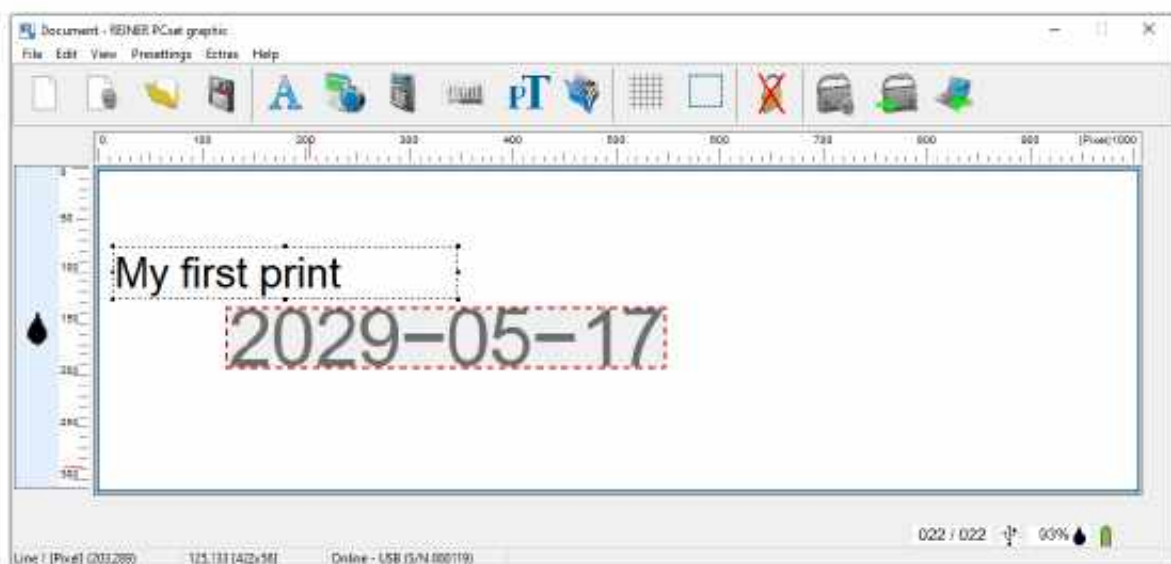
[Number of imprints](#)

[Configure print image with placeholder text](#)

5.6.1 Configuring the print image

Insert text and date/time

- ▶ In order to create a text object, left-click the **Text symbol**  in Drag line 1 (print image 1) and release at the desired position.
- ▶ Write the desired text into the text field.
- ▶ To place the text object, double-click in the text field.
- ▶ In order to create a date/time object, left-click the **Date/time symbol**  in line 1 (print image 1).
- ▶ Release at desired position.



 For more commands and objects see "[Toolbar](#)" and "[Objects](#)".

5.6.2 Print image management (transfer/upload)

- ▶ Open PCset graphic, if not already done.
- ▶ In the menu bar  select the "File" tab and click on "[Print image management \(transfer/upload\)](#)".

An overview of the print images on the device is displayed:



Function	Description
File name	In this example, the current print image has the name "Document". This can be overwritten and renamed if required.
Upload	Upload the selected print image to the PC.
Delete	Delete the selected print image.
New print image	A new print image is created. New print images are always appended to the end of the existing print images.
Transfer to position xxx:	The current print image is transferred to the chosen position xxx. (xxx stands for the imprint number. See in the "Operating interface" item ).

5.6.3 Transferring the print image to jetStamp 1025 (sense)

- ▶ Click on the **transfer icon** .
- OR -
- ▶ In the menu bar ^a select the "File" tab and click on "[Print image management \(transfer/upload\)](#)".
- ▶ Here in the print image management, an existing print image can now be overwritten or a new one created.
For more detailed descriptions, see "[Print image management \(transfer/upload\)](#)".
- ▶ After the data transfer, the print image appears on the display of the *jetStamp 1025 (sense)* within a few seconds. The print image is now saved and can be printed.
For more information, see "[Print the print image](#)".

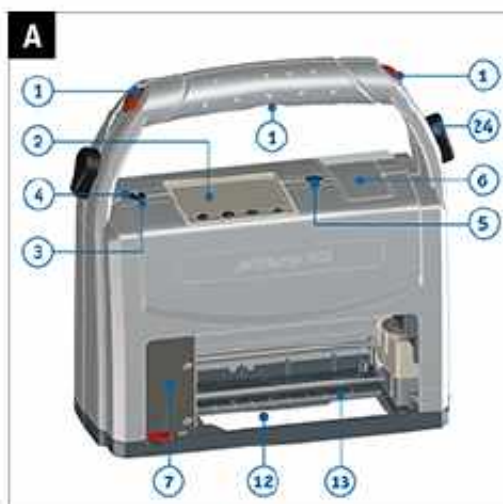
 The transfer of the data is briefly displayed in the status indicator as [transfer process](#) ^h.

5.6.4 Printing the print image

WARNING

Possible blindness due to eye contact with ink.

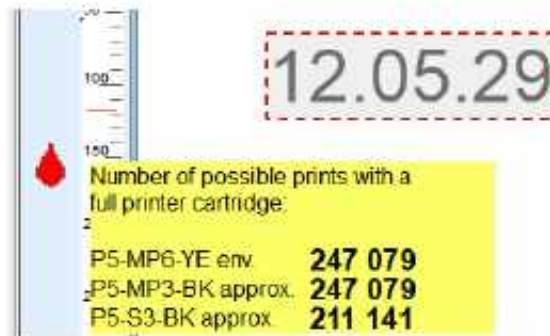
Print the print image ⇒ Fig. **A**



- ▶ 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.

5.6.5 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.
- i** The calculation is only an approximate value, which may vary depending on the device settings. For example, factors such as the pressure print intensity or spitting can influence the calculation.

Additionally, the value may deviate due to variable print content, for example when using date objects or numbering machines. However, this is particularly relevant for placeholder objects where the text length varies repeatedly.

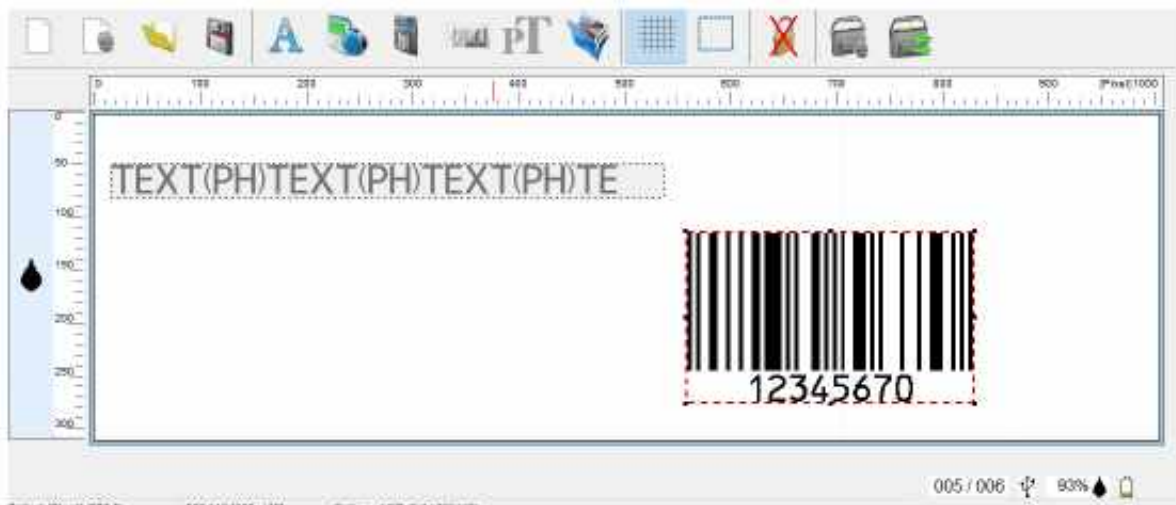
Notice: When using 2-inch templates ([guide template SPIKES](#) or guide template ADHESIVE COATING), the software does not recognise them. In this case, the calculation must be divided by 4.

5.6.6 Configure print image with placeholder text

 A maximum of one variable text object can be inserted per print image!

Insert placeholder text

- ▶ To create a field for placeholder text object, click and drag the **Placeholder text symbol**  with the left mouse button to the desired position, then release.
- ▶ The text to be printed here can later be printed directly on the *jetStamp 1025* (sense) with the  button, see "[Edit objects on the device](#)".



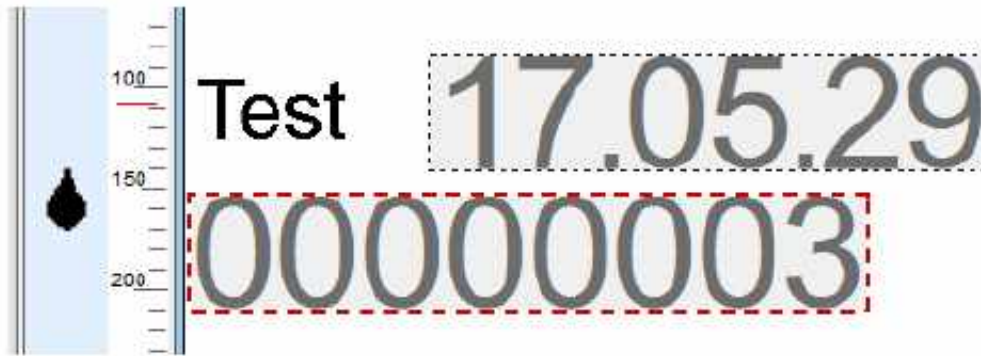
 More commands and options can be found in the "[Toolbar](#)" and under "[Objects](#)", including the [Settings for placeholder text](#).

5.7 Objects settings



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

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



[Text](#)

[Date/Time](#)

[Numbering machine](#)

[Barcode](#)

[Placeholder text](#)

[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

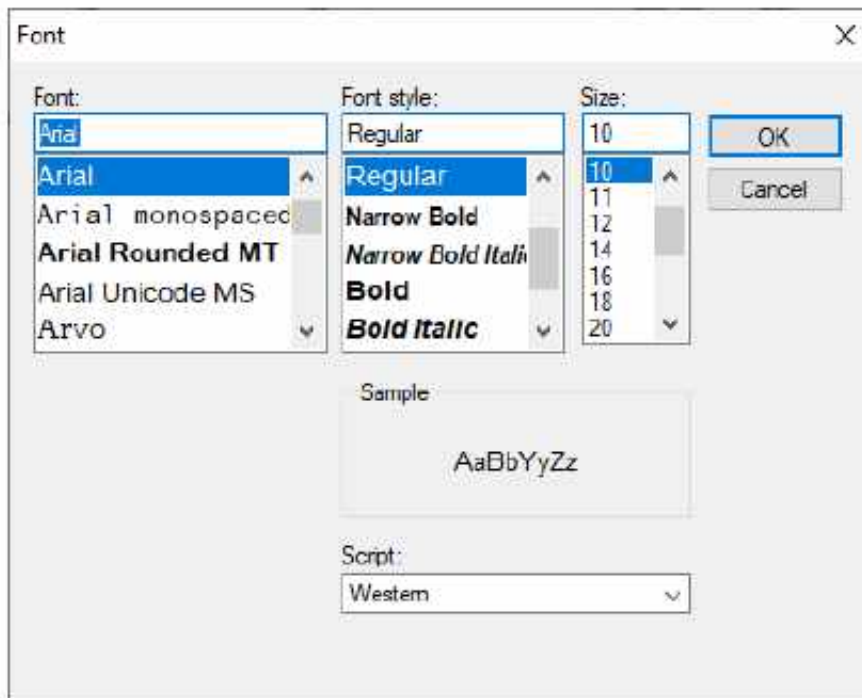
Changed presettings apply to all future text objects.



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



[Font settings](#)

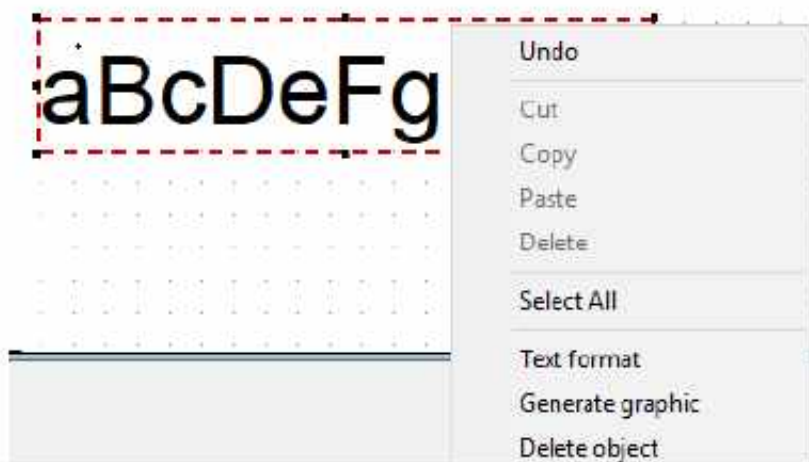
5.7.1.1.1 Font settings

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.

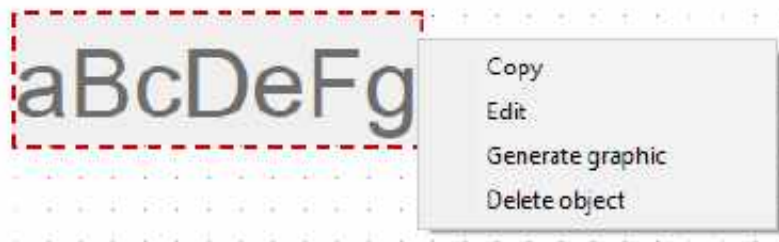
- To open the context menu, right-click the desired text object.
The context menu opens as in the following figure:



Function	Description
Undo	Undo 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	Selects the complete 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 edited anymore after conversion.
Delete object	Deletes the object.

- i** Press Ctrl+Enter to jump to the next line.
Press Enter or double-click to lock the object, after which it 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 edited 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.

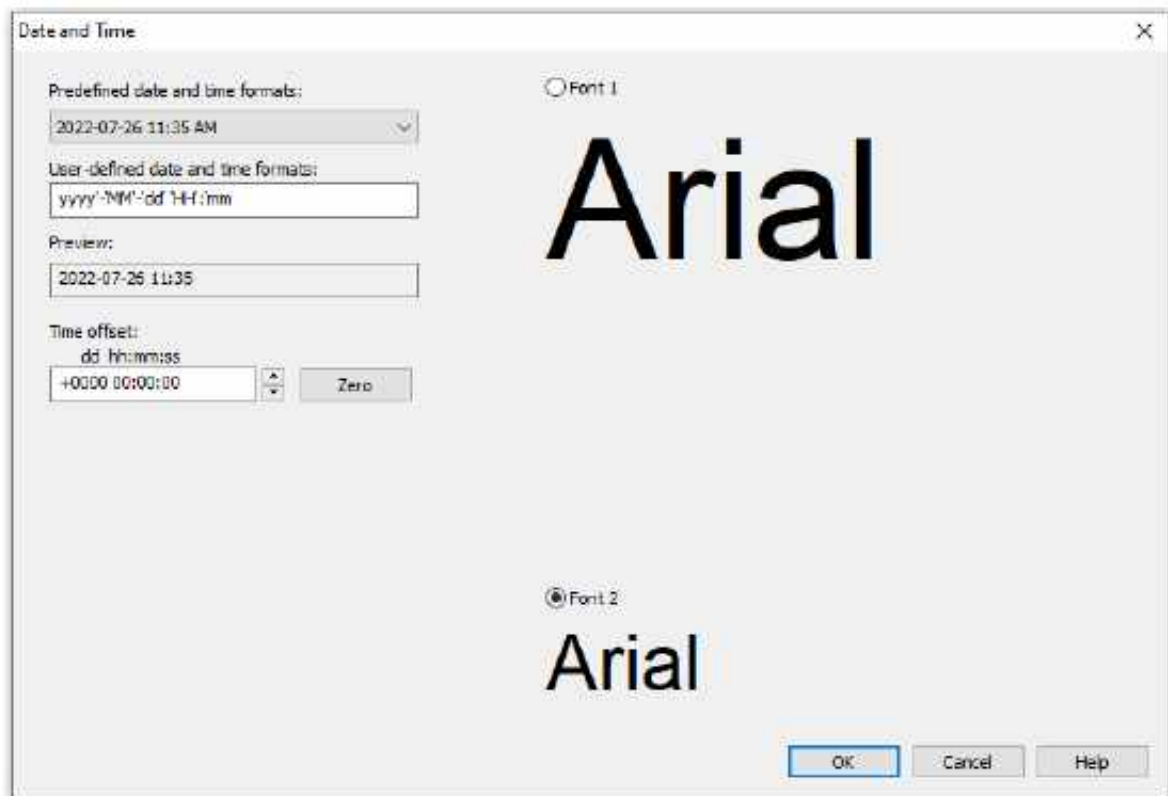
[Presettings](#)

[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.



[Tab date and time](#)

[Font](#)

5.7.2.1.1 Tab date and time

Function	Description
Predefined date and time formats	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	Day of the month with two figures (01 to 31)
ddd	Calendar day with three figures (001 to 365) Example: 28 May 2019 = 148.2019
MM	Month of the year with two figures (01 to 12)
MMM	Abbreviation for the month (up to 4 characters)
yy	The last two figures of the year (00 to 99)
yyyy	Complete year (0000 to 9999)
HH	Hour with two figures (00 to 23)

hh	Hour with two figures (01 to 12)
mm	Minutes with two figures (00 to 59)
ss	Seconds with two figures (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
cc	Calendar week with two digits (01 to 53)
w	Day of the week with one digit (1-7) 1 = Monday, 2 = Tuesday, ...7 = Sunday

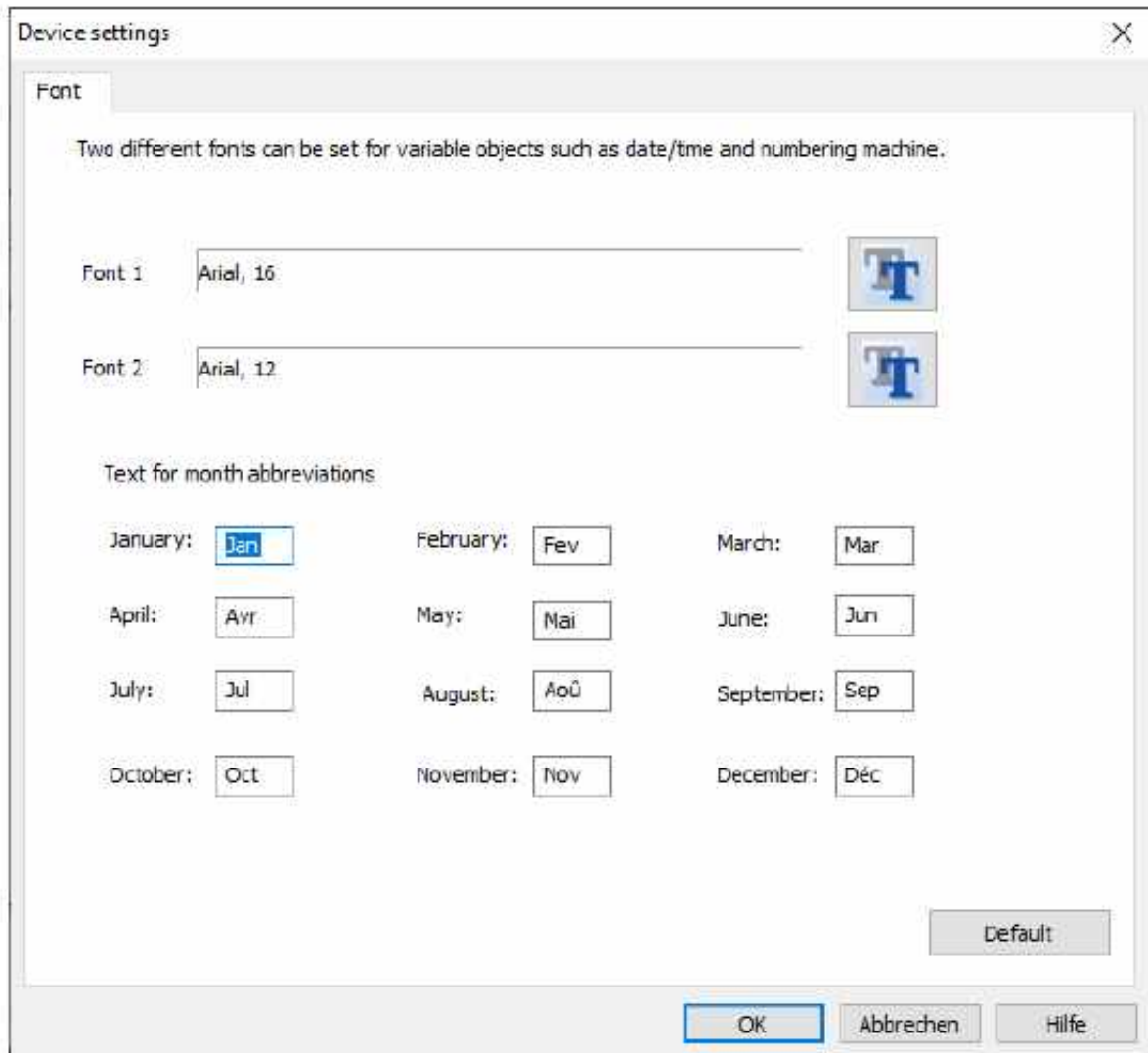
5.7.2.1.2 Font

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

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. Or configurable in the toolbar  via the button .



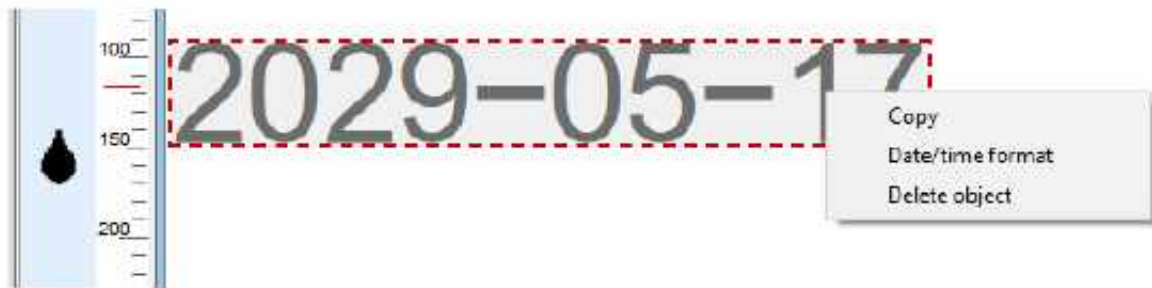
 Month abbreviations can be adjusted individually.

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.
Turning	Rotates the object to 3 different positions: Rotate clockwise by 90°, anti-clockwise by 90° or by 180°.

5.7.3 Numbering machine



The numbering machine is used for sequential 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 **a** 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 Settings

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 maximums 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.

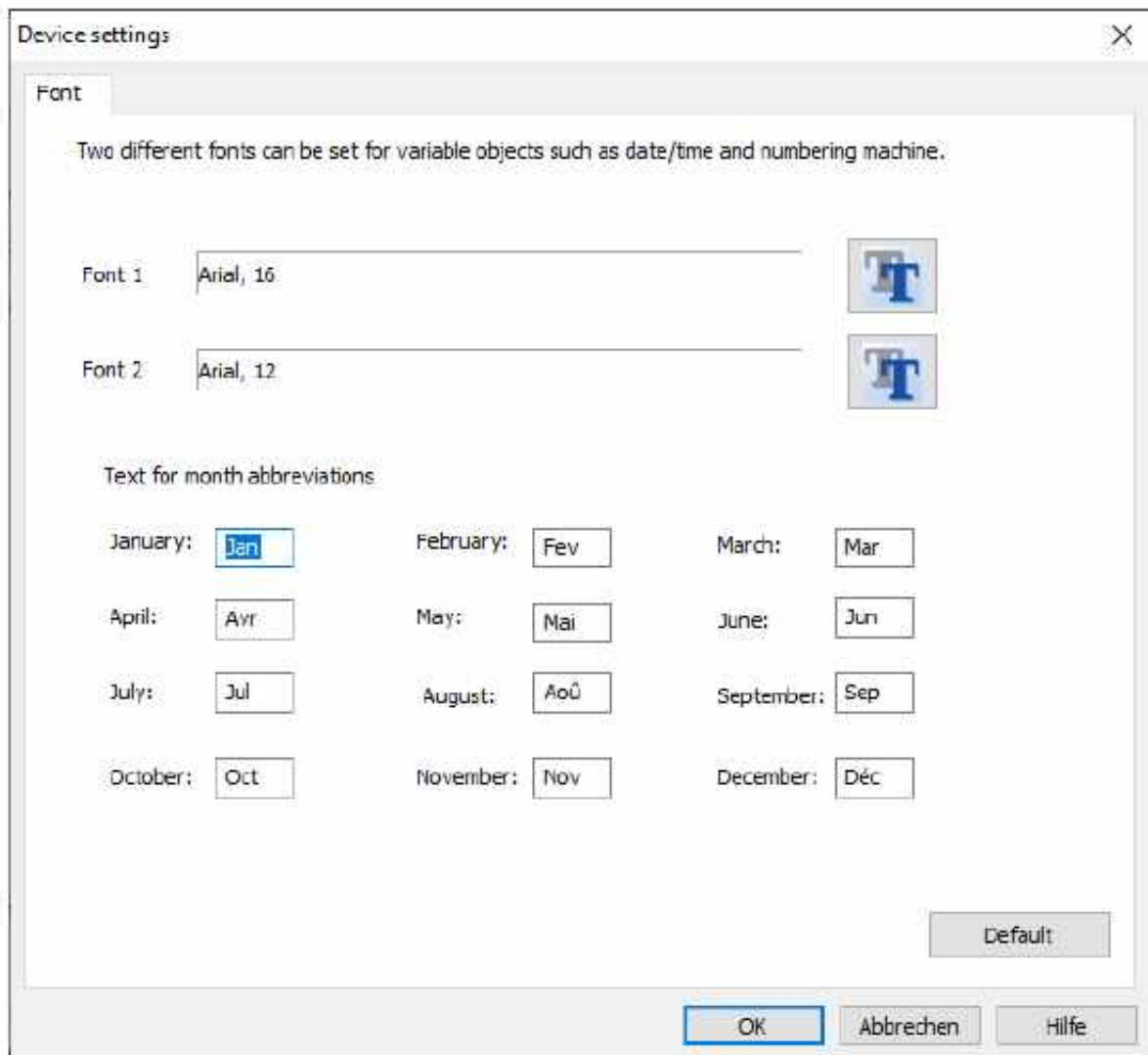
Function	Description
Minimum	This value marks the lower limit of the number circle.
Maximum	This value marks the upper limit of the number circle.
Numbering machine status	The current counter reading can be set within the defined value range. The settings current numbering machine status can also be made on the device after transmission (see "Edit objects on the device").

5.7.3.1.3 Font

 With "Font 1" and "Font 2", fonts can be stored for the objects 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 machine 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.
Link to number circle	Each numbering machine (1-5) is first linked to a separate number circle (1-5). If several numbering machine objects are placed, the numbering machine selected can be linked to the number circle of another numbering machine. The dedicated number circle is rendered inactive by this. The link is used to synchronise the counter reading of different numbering machines. Each printing system of a linked numbering machine updates the counter reading of the shared number circle.
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.
Turning	Rotates the object to 3 different positions: Rotate clockwise by 90°, anti-clockwise by 90° or by 180°.

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](#)

[Sequential 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.

Barcode

Type: EAN8

Character sequence: 1234567

Plain text preview: 1234567

Parameter

☒ Display plain text

☐ Display check digit

Safety levels: [dropdown]

Codabar

Start character: A

Stop character: A

Barcode size

Height: 13.5 mm

Module height: 4 Pixel

Module width: 4 Pixel

Module ratio: 2.0

Module ratio (2/5 Matrix): 1.5

Number of characters: 7

OK Cancel Help

[Barcode](#)
[Parameter](#)
[Barcode size](#)

5.7.4.1.1 Barcode

Function	Description
Type	The desired barcode types can be selected from the dropdown list. Barcode types with the addition "(pt)", such as "Code 128/GS1-128 (pt)" in the sample image, represent barcode formats in which a variable object (placeholder, date/time or numbering machine) can be inserted. To do this, the placeholder text symbol PT for example must be dragged and dropped into the "Character sequence" field. The following appearance can then be seen: Character sequence: CODE128%010T

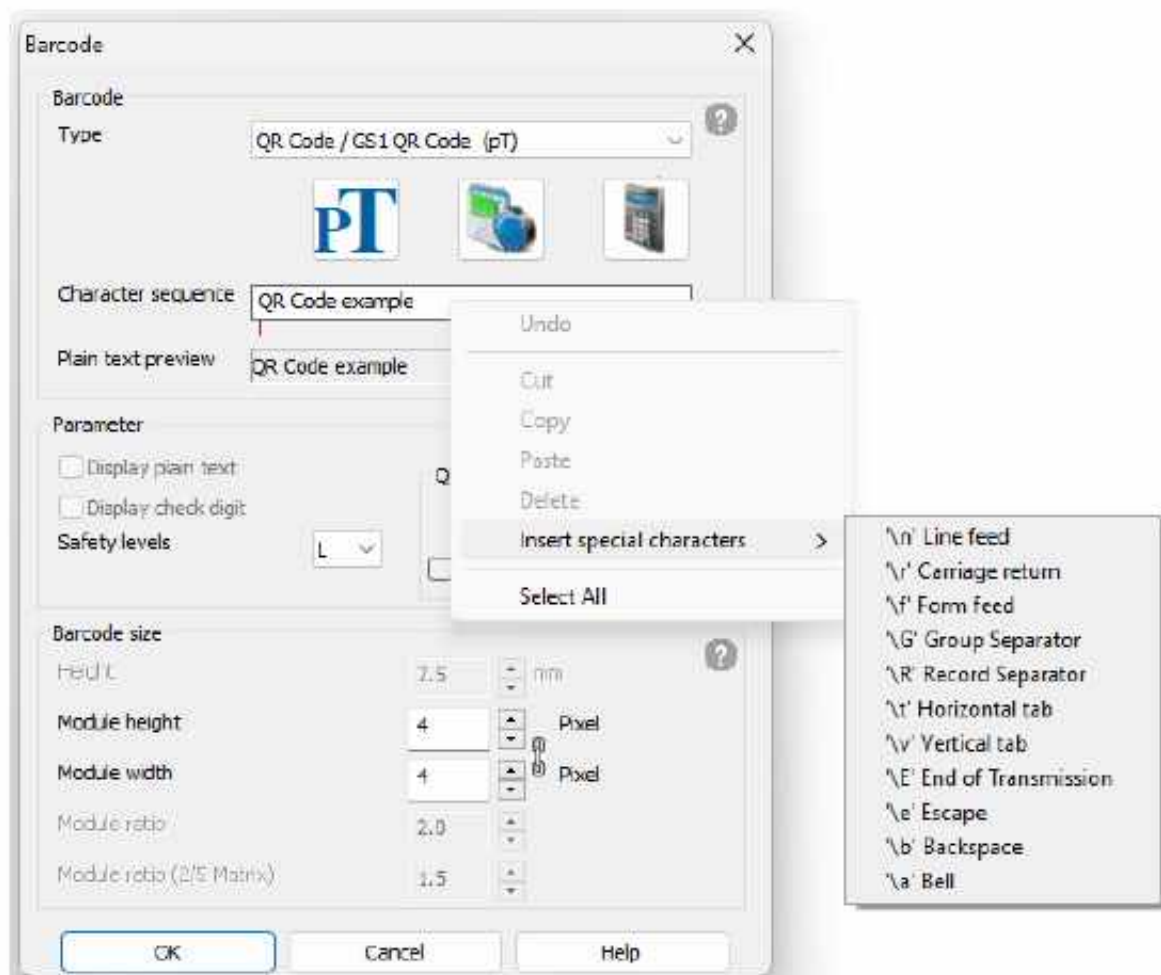
	The text to be printed here can later be printed directly on the jetStamp 1025 (sense) with the  button, see " Edit objects on the device ".
Character sequence	The desired character sequence can be entered.
Plain text preview	Indicates the character sequence without control characters.

[Context menu character sequence](#)

5.7.4.1.1.1 Context menu character sequence

For the barcode types: "**QR code/GS1 QR code (pT)**", "**Data matrix / GS1 data matrix (pT)**", "**PDF 417 (pT)**" and "**AZTEC (pT)**", the context menu in the **Character sequence** field can be opened by right-clicking to insert special characters.

The context menu is shown as in the following figure:



Function	Description
Undo	Undoes the last change made in the character sequence field.

Cut	Deletes the selected text in the character sequence field and copies it to the clipboard.
Copy	Copies the selected area in the character sequence field to the clipboard without removing it.
Paste	Inserts text from the clipboard at the current cursor position in the character sequence field.
Delete	Deletes the selected area in the character sequence field.
Select all	Selects the entire text in the character sequence field.
Insert special characters	Opens a list of possible special characters, such as "/n" blank line, "/r" line break, etc., which can be entered in the character sequence field.

5.7.4.1.2 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 digit	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 figure or position of the barcode information.
Safety levels	Improves the decoding and reduces reading errors.
Start character and Stop characters	Start and stop characters from A - D for the barcode type Codabar. Start character from A - C for barcode type Code 128 (pT). - A = contains digits, capital letters, special characters, and ASCII control characters. - B = contains digits and all upper and lower case letters, as well as special characters and shift characters. - C = contains digits only and is better compressed. This variant is particularly recommended if only digits are used, as this reduces the barcode file size.
GS1-128 (FNC1)	Supported barcode types for GS1 functionality include Code 128, QR and Datamatrix. Inserts the standardised special character for a GS1 identification. The characters entered must comply with the GS1 standard when ticked. Example contents are item number, serial number, best before date, weight, size, etc.

5.7.4.1.3 Barcode size

Function	Description
Height (mm)	Barcode height. From 1 - 26 mm without plain text display. From 3.6 - 26 mm with plain text display.
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 Codabar. May contain letters A - D.
Number of characters	Shows how many characters the barcode currently has. If a placeholder is inserted, this value must be set depending on how many characters are required in the placeholder.

5.7.4.2 Sequential 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, numbering machine and/or placeholder text, 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, **one** date/time and/or **one** placeholder text can be inserted in each barcode.

 At first insertion of a numbering machine, a date/time or a placeholder text object, the presettings of the respective objects are loaded.

- ▶ In order to create a barcode object, left-click the **Barcode symbol**  and drag 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 the numbering machine button.
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 the or date/time button.
The context menu opens (refer to "[Date/time](#)").
Make the desired settings and confirm with **OK**.
- ▶ To insert the **placeholder text**, pull it into the character sequence by drag & drop.
In the line "Character sequence", %xxxT appears for placeholders (xxx = number of characters).
- ▶ To make the settings for the placeholder text, right-click the placeholder text button.
The context menu opens (refer to "[Placeholder text](#)").
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, numbering machine or placeholder text 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	Fixates the barcode in the current position. Note: the barcode cannot be edited anymore after fixating.
Delete object	Deletes the object.
Placeholder index (1-4)	Up to 4 placeholder texts can be inserted per print image. The index numbers from 1 to 4 can be changed individually for each

	object (only appears if there is a placeholder object in the barcode).
--	--

5.7.4.4 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.

5.7.5 Placeholder text



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

[Presettings](#)

[Context menu placeholder text object](#)



The placeholder text is only displayed in the font Arial Half Narrow Bold.

5.7.5.1 Presettings

Changed presettings apply to all future placeholder text objects.

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

In the "Placeholder" configuration window, there are three areas for settings:

Placeholder text 1 format

Which barcode characters do you want to print?

Sample text for preview: Ernst REINER GmbH & Co. KG, Gaudenzstraße

Formatting: Company: %1-12T\nStreet: %C-1,D-C-1,2T

Formatted preview: Company: Ernst REINER
Street: Baumannstraße 16

What is the maximum number of characters you want to print?

Number: 60 32 - 240 Characters

Font size: 8

OK Cancel Help

[Which barcode characters do you want to print?](#)

[What is the maximum number of characters you want to print?](#)

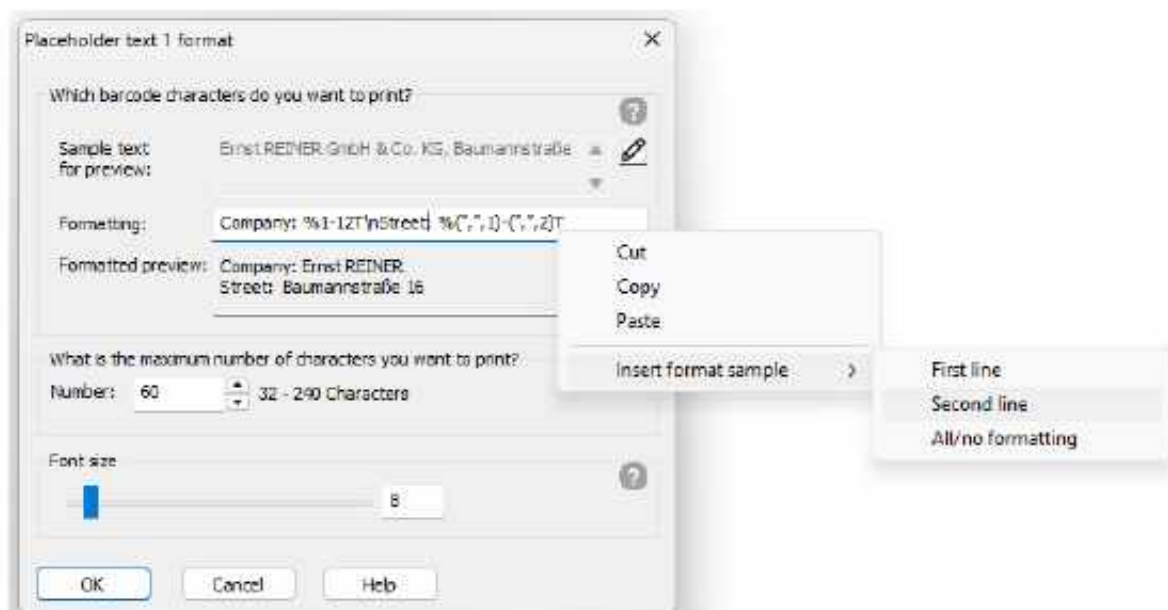
[Font size](#)

5.7.5.1.1 Which barcode characters do you want to print?

Function	Description
Sample text for preview	Select character ranges to be printed from the barcode . - Enter sample or original text to test the later formatting. - Text entered is displayed in the "Plain text preview" field and is used to check the formatting.
Formatting	Specifies how the selected characters will be printed . The desired formatting specifies how the scanned characters appear in print. Individual character ranges can be selected and combined with text modules. Note: For examples of valid formatting in the system see " Formatting examples ".
Formatted preview	Formatted text is displayed as soon as sample text is entered and the formatting has been specified.

5.7.5.1.1.1 Examples for formatting inputs

- i** If no formatting is entered, the system accepts the data **unchanged (fixed text – plain text)**.
Example: **Input 12345 --> Output 12345**.
The system automatically uses this standard format: %1-MaxNumberOfCharT.
- i** Right-click and select "Insert format sample" to choose the desired formatting, e.g. "First line", "Second line" or "All/no formatting" (see figure below).



Explanation of symbols:

Marked in **green** = fixed **character range** to be **printed**.

Marked in **blue** = variable range **between defined separators**.

Marked in **yellow** = fixed **text** (plain text), no formula required – **is typed in directly**.

The following explanations describe the **effect of formatting**.

% = Formula start, indicates the start of a formula

T = Text end, marks the end of a formula

\n = new line. Enter directly at the desired position in the formula section.

Round bracket (...) --> Content between separators **without separators (exclusive)**.

Square brackets [...] --> Content between separators **with separators (inclusive)**.

Separators --> are characters or character strings used to divide a text, e.g. "," or "Text". You define which text parts are selected in the variable ranges.

Distinguishing feature (**END**) --> (END) marks the end of the text.

This allows a variable range from the defined starting point to the end of the entire text to be output.

Sample text: Ernst REINER GmbH & Co. KG, Baumannstraße 16, 78120 Furtwangen		
Rule	Formatting	Print output
Fixed position (start - end): Select characters based on their position in the text (counting starts at 1).	%1-12T	Ernst REINER
	%53-63T	Furtwangen
Variable range (without separators): Content between two commas without commas (exclusive)	%(",",1)-(",",2)T	Baumannstraße 16
Variable range (with separator): Content between two commas with commas (inclusive)	%["",1]-["",2]T	, Baumannstraße 16,
Variable range (left side exclusive): From "Bau" to the 2nd comma, without "Bau"	%("Bau",1)-(",",2)T	mannstraße 16
Variable range (left side inclusive): From "Bau" to the 2nd comma, with "Bau" (left side incl., right side excl.)	%["Bau",1]-(",",2)T	Baumannstraße 16
Combination: Fixed text + fixed position	Company: %1-12T	Company: Ernst REINER

Combination: Fixed text + fixed position + variable range	Company: %1-12T\n Street: % (",",1)-(",",2)T	Company: Ernst REINER Street: Baumannstraße 16
--	---	---

Further sample texts	Formatting	Print output
Ernst REINER® GmbH & Co. KG, Baumannstraße 16, 78120	 <u>Explanation:</u> Without formatting input the entire entered text is output. The specified <u>number of characters</u> must be great enough.	Ernst REINER® GmbH & Co. KG, Baumannstraße 16, 78120
Ernst REINER GmbH & Co. KG, Baumannstraße 16, 78120 Furtwangen	%(",",2)-(END)T	78120 Furtwangen
12345 ;Baumannstraße 16;78120 Furtwangen;	Article: %1-5T\n Address: % (",",1)-(",",2)T\n Place: %(",",2)- (",",3)T	Article: 12345 Address: Baumannstraße 16 Place: 78120 Furtwangen
Ernst REINER® GmbH & Co. KG Baumannstraße 16 78120 Furtwangen	First line formatting: %1-("\n",1)T	Ernst REINER® GmbH & Co. KG
Ernst REINER® GmbH & Co. KG Baumannstraße 16 78120 Furtwangen	Second line formatting: %("\n",1)-("\n",2)T	Baumannstraße 16
Ernst REINER® GmbH & Co. KG Baumannstraße 16 78120 Furtwangen	Last line formatting: %("\n",2)-(END)T	78120 Furtwangen
Ernst REINER® GmbH & Co. KG Baumannstraße 16 78120 Furtwangen	First and second line formatting: %1-("\n",2)T	Ernst REINER® GmbH & Co. KG Baumannstraße 16
Article: jetStamp 1025, SN: 123456, checked	Serial number: %("SN:",1)-(",",2)T	Serial number: 123456
Article: jetStamp 1025, SN: 123456, checked	Device: %[":",1]-(",",1)T	Device: jetStamp 1025
Warehouse A / shelf 12 / pallet 0045	%1-7T	Warehouse A

Order No. 987654 dated 03/11/202X	Order: %15-21T	Order: 987654
Order No. 987654 dated 03/11/202X	Order date: %27-36T	Order date: 03/11/202X
ABC Ltd., Southern Branch, Furtwangen	Company: %(" ",1)-(" ",2)T Place: %(" ",2)+20T	Company: Southern branch Place: Furtwangen
ABC Ltd., Southern Branch, Furtwangen	Company: %(" ",1)-(" ",2) T Place: %(" ",2)+(END)T	Company: Southern branch Place: Furtwangen
Type: 1025-000 Version: 3.4 Status: OK	%("Version:",1)-(" ",2)T	3.4
Device ID: DEV-7788, checked on 14/02/202X	%["DEV-",1]-(" ",1)T	DEV-7788
Model [XR-500], year of manufacture 2023, in-stock product	%[" ",1]-[" ",1]T	[XR-500]

5.7.5.1.2 What is the maximum number of characters you want to print?

Function	Description
Quantity	Set the maximum number of characters to be printed. The system also displays the minimum number of characters required for correct formatting.

5.7.5.1.3 Font size

Function	Description
Font size	Specifies how large the font will be displayed or printed.

5.7.5.2 Context menu placeholder object

If a placeholder 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
Placeholder text	Shows which object index is selected for the placeholder text.
Index (1 to 4)	Up to 4 placeholder texts can be inserted per print image. The index numbers from 1 to 4 can be changed individually for each object.
Placeholder text format	Opens the configuration window for Placeholder text format.
Delete object	Deletes the object.

5.7.6 Graphic



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

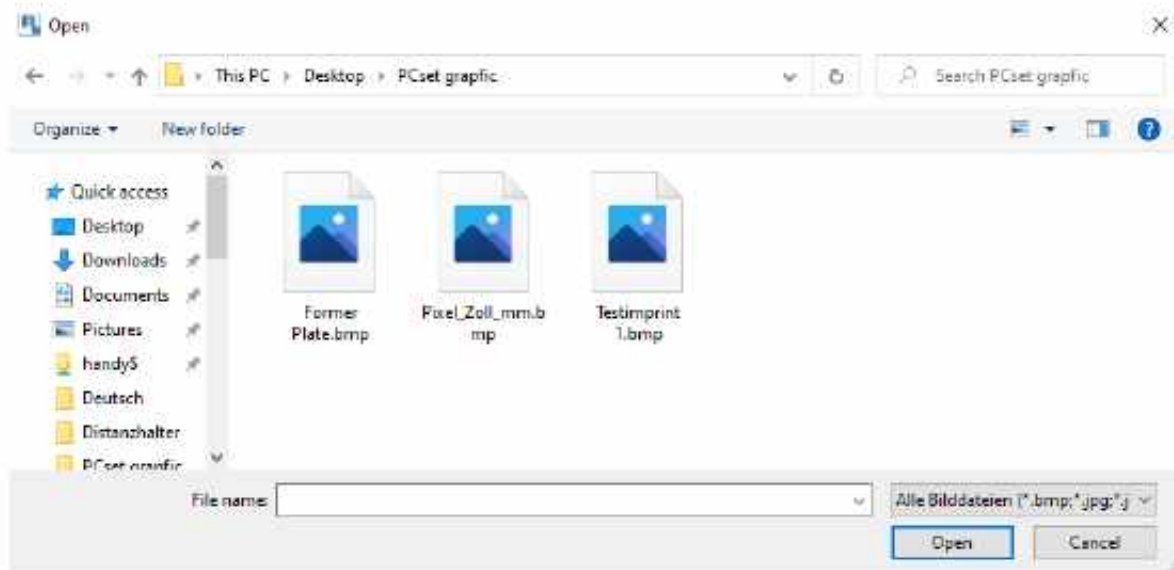
[Context menu graphic object](#)

[Generate graphic](#)

[Load graphic dialogue](#)

5.7.6.1 Load graphic dialogue

-  Imported colour and grey scale 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 print in optimal quality, a graphic should not exceed the maximum height of 300 pixels and the maximum width of 1000 pixels.



5.7.6.2 Context menu graphic object



Function	Description
Black/white threshold value	Selection of the black/white threshold value.
Copy	Copies the object.
Generate graphic	Fixates the graphic at the current position. Note: the graphic cannot be edited anymore after fixating.
Delete object	Deletes the object.
Maintain aspect ratio	The aspect ratios always remain the same when resizing.
Inverting colours	Inverting colours: The colours of the graphic are reversed, black becomes white and white becomes black.
Turning	Rotate right 90°, rotate left 90°, rotate 180°, flip vertical and flip horizontal.

5.7.6.3 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.

5.8 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 **16** must be short-circuited.

- ▶ Connect the REINER trigger cable with the jack socket **16**.
- ▶ Prepare the device for an imprint.
- ▶ Close contact.
The desired print image is printed.

5.9 Fonts

Special REINER fonts are provided during the installation of PCset graphic. These fonts have special properties, which are explained below:

Reiner F1:

The font Reiner F1 is automatically installed during the installation of PCset graphic. It is available in standard, narrow and bold versions. A special feature of the Reiner F1 font is that it only uses capital letters and has no ascenders or descenders in the characters, which means that the entire height of the object can be used.

Reiner Blind:

The font Reiner Blind is automatically installed during the installation of PCset graphic.

If the Reiner Blind font is set in PCset graphic, objects such as the date and numbering machine appear on the screen but are not printed after transfer. This font is suitable, for example, for adding an invisible numeric marker that counts the number of imprints without printing this information.

6 Maintenance

[Changing the print cartridge](#)

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

[Clean nozzles](#)

[Clean seal](#)

[Replace seal](#)

[Clean housing](#)

6.1 Changing the print cartridge

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

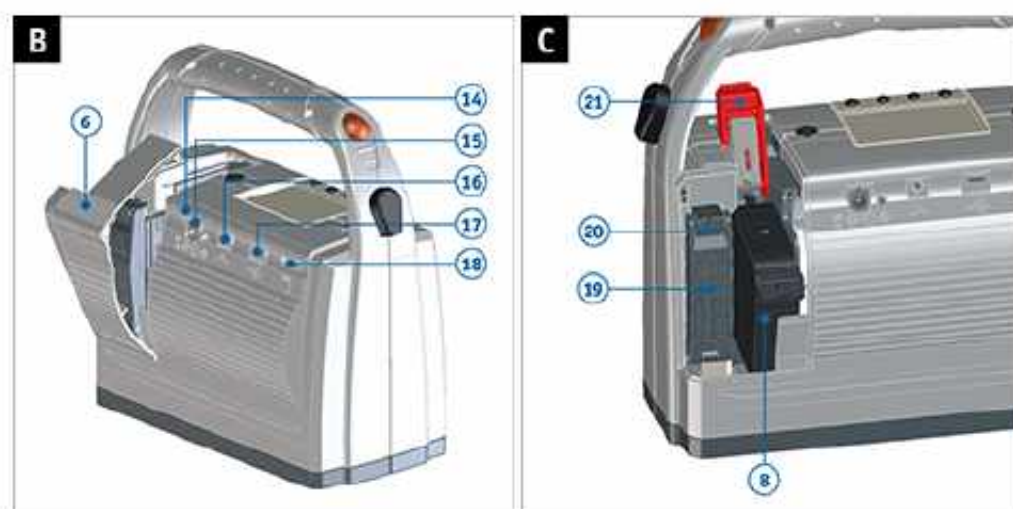
i Different seals are required depending on the type of ink used (see "[Replace seal](#)").

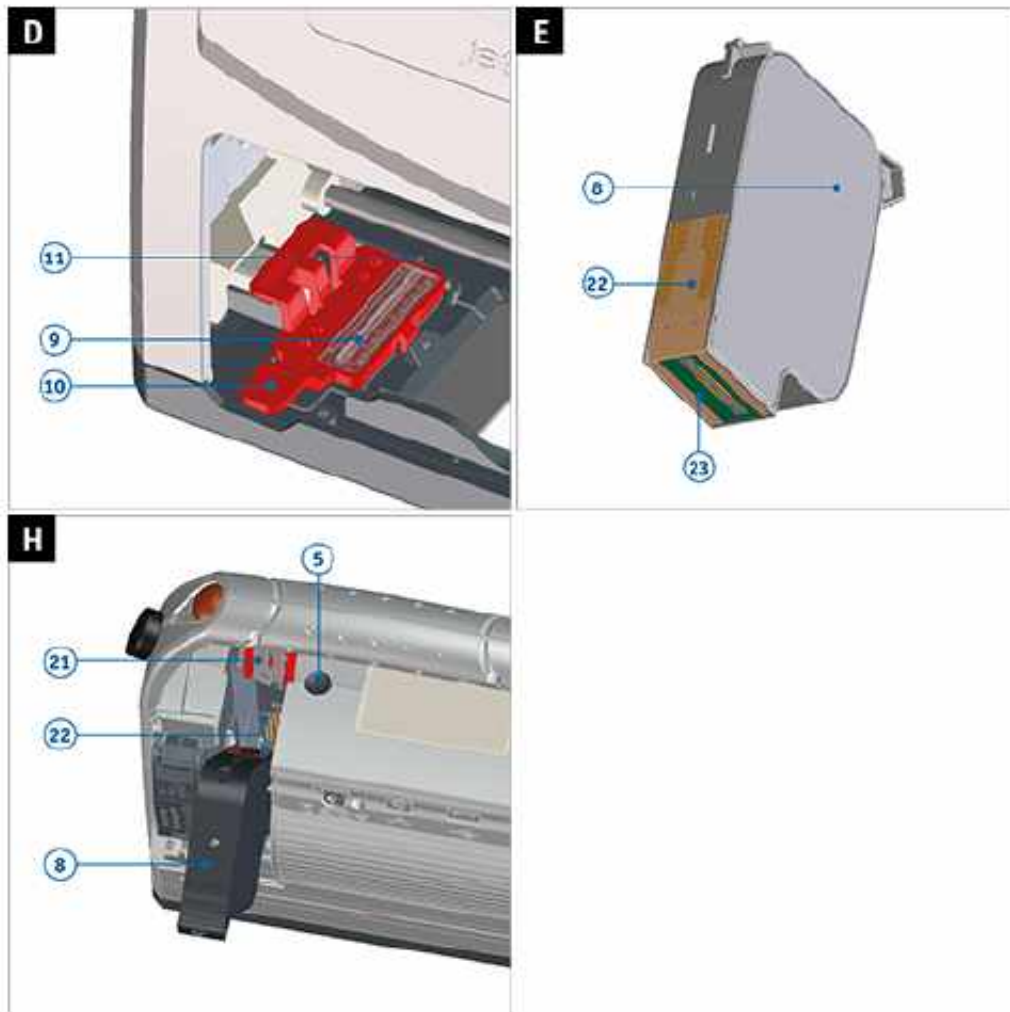
i Use seal of the enclosed print cartridge.

CAUTION

Damage to health caused by ingestion of ink.

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





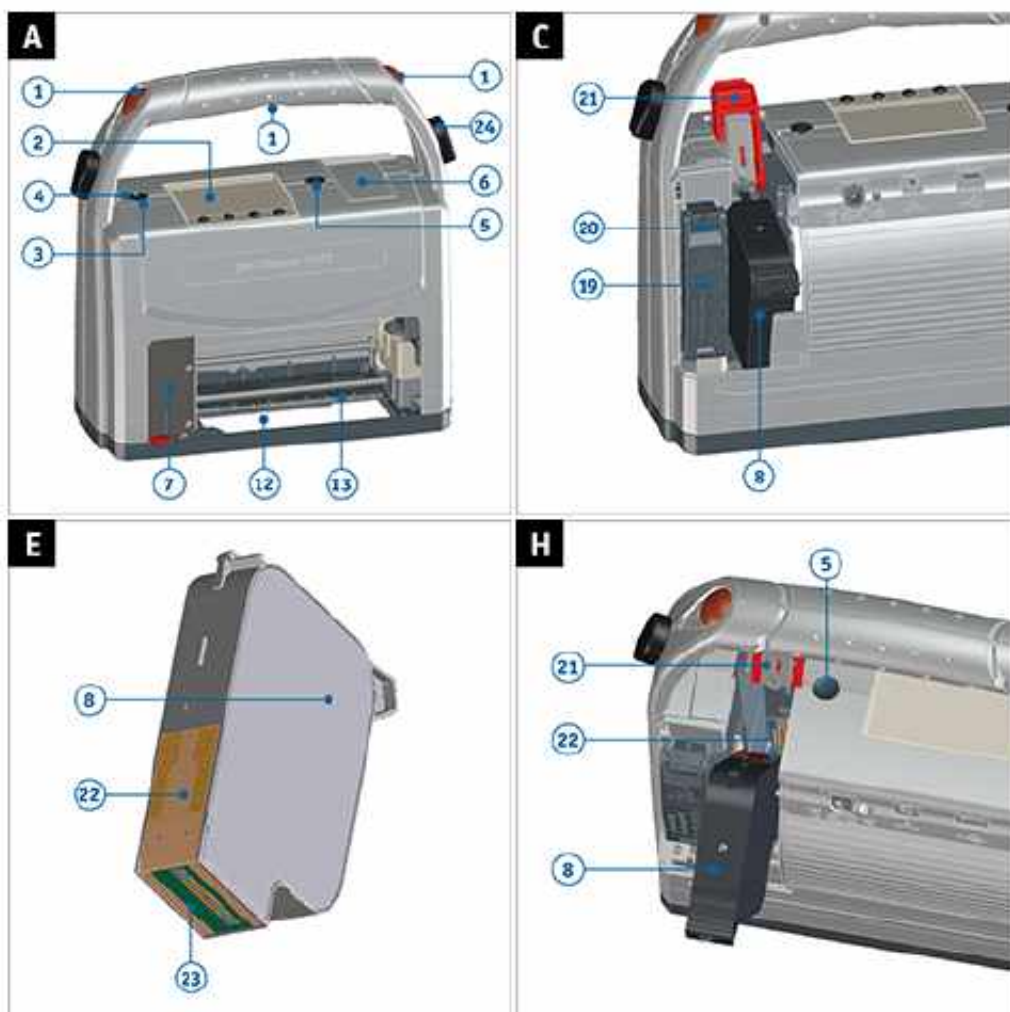
- ▶ Place the device on a firm surface.
- ▶ Press function button for print cartridge 5.
- ▶ Print carriage 7 moves to the right into the cleaning/wiping position.
- ▶ Open flap for battery and print cartridge compartment 6.
- ▶ Push the print cartridge locking 21 slightly upwards and open it.
- ▶ Remove the old print cartridge 8 from of the device.
- ▶ Remove the new print cartridge 8 from the package and remove the **reusable clip** and **store them** (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 of the device.
Meanwhile, 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 parking position.

- i** The cleaning/wiping position can also be selected via the display menu.
- i** In the parking 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 cleaning/wiping 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.
- ▶ Contacts 22 on the print cartridge 8 with a soft cloth slightly soaked in ethanol (spirit) if necessary.
- ▶ 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 parking position.

 For more cleaning variants, see "[Automatic nozzle cleaning](#)" and "[Manual nozzle cleaning](#)".

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

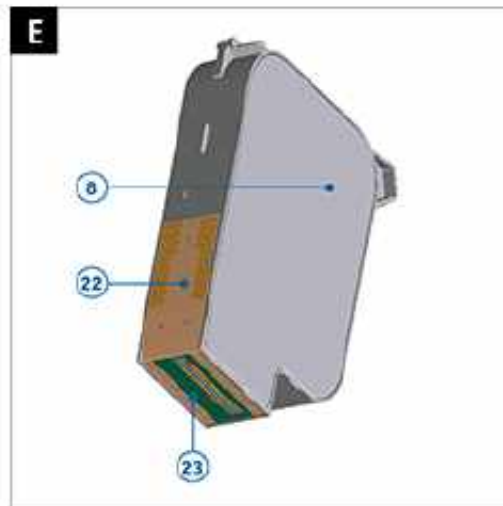


[Manual nozzle cleaning](#)

[Automatic nozzle cleaning](#)

6.3.1 Manual nozzle cleaning

Manual nozzle cleaning ⇒ Fig. **E**



- ▶ Place the device on a firm surface.
- ▶  must be pressed, then "Functions" appears in the display.
- ▶ In the main menu  , scroll to "Move to wiping position"
- ▶  must be pressed to select.
- ▶ The print carriage moves into the wiping 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**.
- ▶ [Execute test print](#) and check the print image for print quality.

 For more cleaning variants, also see "[Automatic nozzle cleaning](#)" and "[Cleaning the contacts of the print cartridge](#)".

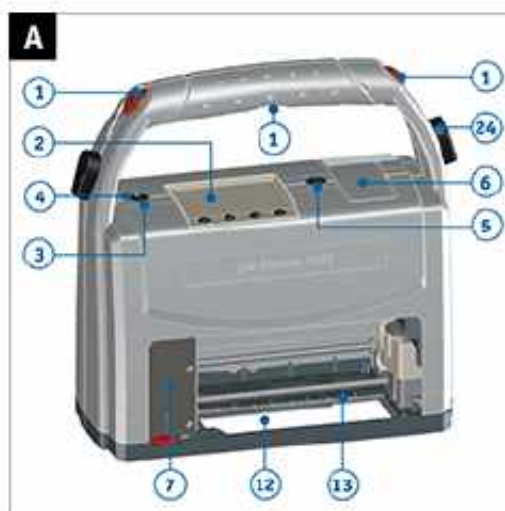
6.3.2 Automatic nozzle cleaning

Automatic nozzle cleaning via the device display ⇨ Fig. A

Without removing the print cartridge from the device, you can start the automatic cleaning of the print cartridge several times via the device display. The cleaning process consumes ink. Cleaning too often wastes ink unnecessarily.

In the case of an extreme degree of contamination, we recommend first using the [Manual nozzle cleaning](#) because the dirt crusts on the nozzles cannot be washed away by the fresh, liquid ink.

i Notice: Before performing the automatic nozzle cleaning, place a test paper under the device as a large amount of ink is forced through the nozzles.



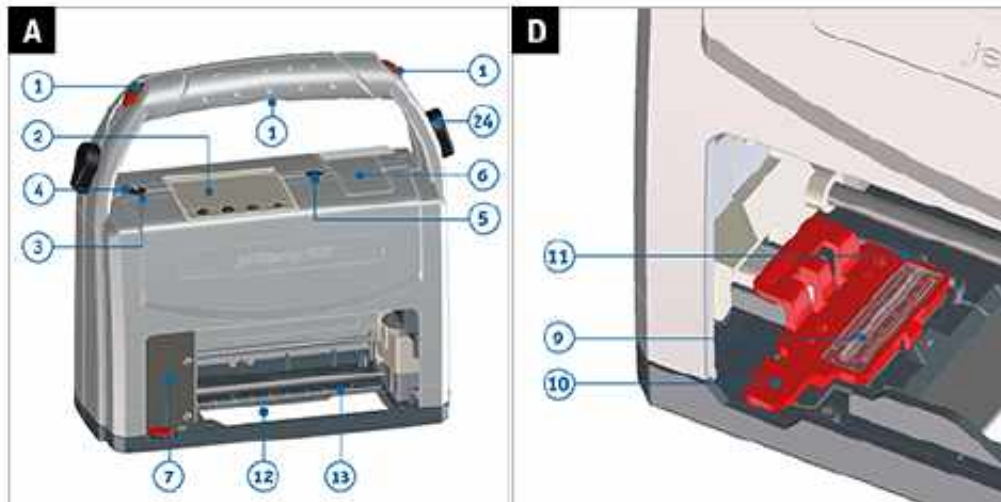
- ▶ Place the device on a piece of paper.
- ▶ must be pressed, then "Functions" appears in the display.
- ▶ must be pressed to select.
- ▶ scroll to "**Clean head**"
- ▶ Make sure that the paper is placed underneath the device and press to select.
- ▶ The print carriage **7** moves into the print area **12** and starts printing.
- ▶ The On/Off button **3** flashes during the cleaning cycle.
- ▶ After a while, the print carriage **7** returns to the parking position.
- ▶ The nozzle test illustrates which nozzles are not working properly. If the nozzles are clear, a black rectangle is printed as seen in this example:



i For more cleaning variants, see "[Manual nozzle cleaning](#)" and "[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 cleaning/wiping 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 parking position.

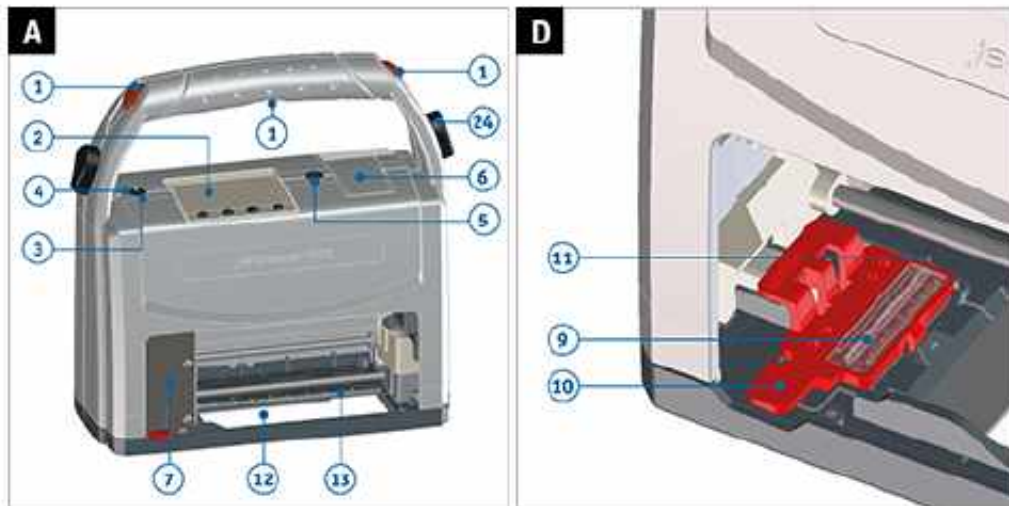
i Clean the seal **9** at regular intervals. Replace if heavily soiled or damaged (refer to "[Replacing the seal](#)"). For replacement seals see the Accessories on our website.

6.5 Replace seal

Replace 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 cleaning/wiping 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 parking 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.

- i** Do not use any abrasives and plastic-dissolving cleaning agents for cleaning.
- i** Clean the top cover of the device with a soft cloth if required.
For stronger contamination, moisten the cloth with water and mild detergent.

7 Recognising and removing interferences

[jetStamp 1025 \(sense\) shows no functions](#)

[Causes for uncharged batteries](#)

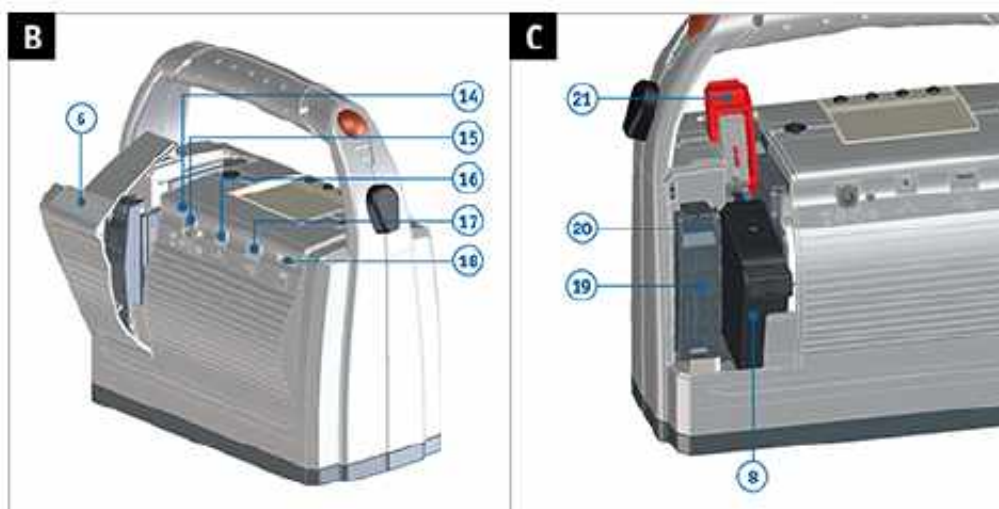
[Warning messages](#)

[Correctable error messages](#)

[Device error messages](#)

7.1 jetStamp 1025 without function

Troubleshooting ⇨ Fig. **B** + **C**



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

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

Batteries reach their full capacity after several discharge and charge cycles. The operating time is reduced with increasing age. A service life of more 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.
Print cartridge in reserve operation from now on!	Confirm. Reappears the next time the device is switched on.	The print cartridge is now in reserve mode.
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 controlled by password entry via the PCset graphic or the device menu can be unlocked.	

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 (sense) has CE marking in accordance with the current directives and standards.



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



= do not point the jetStamp 1025 (sense) 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.



= jetStamp 1025 (sense) is in compliance with the relevant British directives, laws, and their changes.

8.2 Technical data

Technical data	
Dimensions stand-alone unit	195 x 100 x 200 mm (l x w x h)
Weight	approx. 900 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 / approx. 72 hours standby time per battery charge
Battery charging time	approx. three hours
Printing technology	Thermal Inkjet (TIJ)
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 (16°C ... +32°C)
Humidity for operation	8% ... 80% relative humidity (recommended 10% ... 70%)
Storage temperature with standard print cartridges and MP print cartridges	10°C ... +20°C
Storage humidity	10% ... 80% relative humidity
Temperature for transport with standard print cartridges and MP print cartridges	-20°C ... +40°C (up to 24 hours)
Humidity for transport	10% ... 90% relative humidity
Data transfer	USB, Bluetooth (version 2.1 and higher)
	Wifi/WLAN IPV4 IEE 802.11 b/g/e 2.4 GHz WPA2 PSK (CCMP)

Data storage	Micro SD card formatted up to 32 Fat32. Print image format *.rjs (Reiner jetStamp format)
Power supply	Input voltage: 12 V DC Input current: 1A Protection class III Rechargeable batteries: 4 x AA NiMH (REINER ZN 946 192-000)
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 flat batteries

Used batteries or rechargeable batteries must not be disposed of with household waste. Observe the local disposal regulations.



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. Observe the local disposal regulations.

8.4 Accessories

Inkjet print cartridge

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

Inkjet print cartridge (quick drying)

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

For further accessories, see www.reiner.de

9 Interfaces

[Bluetooth](#)
[USB](#)

9.1 Bluetooth

General

- **Range restrictions:**

Bluetooth signals usually have a limited range, depending on the class of the Bluetooth device. Obstacles such as walls or other physical barriers can severely limit the range and signal quality.

Experience at REINER:

Bluetooth communication usually works perfectly at a barrier-free and interference-free distance of up to 10 metres. Under optimal conditions, a greater range can also be achieved. However, to reliably bridge longer distances, more powerful USB Bluetooth sticks should be used.

Interference from other devices:

- As Bluetooth uses the 2.4 GHz frequency band, it may interfere with other devices that use the same band, such as WLAN routers, microwaves or other wireless devices. Too many Bluetooth connections in one area can also lead to interference and loss of performance. Other Bluetooth devices should be avoided.

- **Energy consumption:**

Bluetooth can drain the battery of the device, depending on the duration of use and device type. When Bluetooth is switched on, the standby time can be reduced by up to 50%.

- **Compatibility restrictions:**

Not all Bluetooth devices are compatible with each other, especially if they use different Bluetooth versions or profiles. For example, a device with Bluetooth 4.0 may not support all the functions of a Bluetooth 5.0 device.

Recommendations for using the jetStamp 1025 with Bluetooth

Our jetStamp 1025 (sense) is continuously being improved and further developed. We recommend always using the latest firmware version, especially with regard to Bluetooth functionality. Due to fundamental improvements in Bluetooth performance, a firmware update is mandatory if an older version (e.g., 03.30) is still installed on your jetStamp 1025. The latest firmware can be found on our website: www.reiner.de

jetStamp 1025 Generation I (Bluetooth Hardware PAN1026)

- **Optimum compatibility:**

The jetStamp 1025 works best with Bluetooth sticks that support versions 4.0 or 4.2.

- **Faster connection:**

With Bluetooth sticks version 4.0/4.2, the time required to establish a connection is significantly reduced by pairing.

- **Faster communication:**
To achieve faster communication and data transfer, your jetStamp 1025 can be connected to your PC.
- **Restrictions with newer versions:**
For Bluetooth sticks of version 5.0 and higher, the jetStamp 1025 (sense) only works if not paired.
- **Recommendations by REINER:**
To ensure the most stable and best possible Bluetooth connection with the jetStamp 1025 Generation I, we recommend using a Bluetooth stick with version 4.0 or 4.2. Also make sure you use a Bluetooth stick with a long range. We achieved our best results with the **Hama Bluetooth® USB adapter, version 4.0 C1 + EDR**.

jetStamp 1025 Generation II (Bluetooth Hardware ESP32)

- **Best performance with the latest technology:**
The second generation jetStamp 1025 works optimally and somewhat faster with Bluetooth sticks of version 5.0 or higher.
- **Influence of the pairing on the connection:**
Pairing speeds up the connection.
- **Recommendations by REINER:**
To ensure the most stable and best possible Bluetooth connection with the jetStamp 1025 Generation II, we recommend using a Bluetooth stick with version 5.0 or higher. Also make sure you use a Bluetooth stick with a long range.

9.2 USB

Recommendations and information on using the jetStamp 1025 (sense) with USB cable

- The **length** of the USB cable: Lengths over 3 metres often do not work properly.
- The **quality** of the USB cable: The cable should be certified for high-speed USB and show the USB.ORG logo.
- The **shielding** must be high-quality.
- The transmission cables must be thick enough and made of high-quality copper.
- **Hubs:** If you are using a USB hub, this can weaken or delay the signal transmission.
- **Cable separation:** Keep the USB cable and power cable completely separate from each other.
- **Interferences:** Keep the USB cable away from potential sources of interference (e.g. mains adapters).
- **USB driver installation:** To control the jetStamp 1025 via USB, a USB driver must be installed. This driver is automatically installed during the installation of the PCset graphic software. (Link to the PCset graphic software)

10 Contact

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Further information on our website: FAQ with frequently asked questions and tips.

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