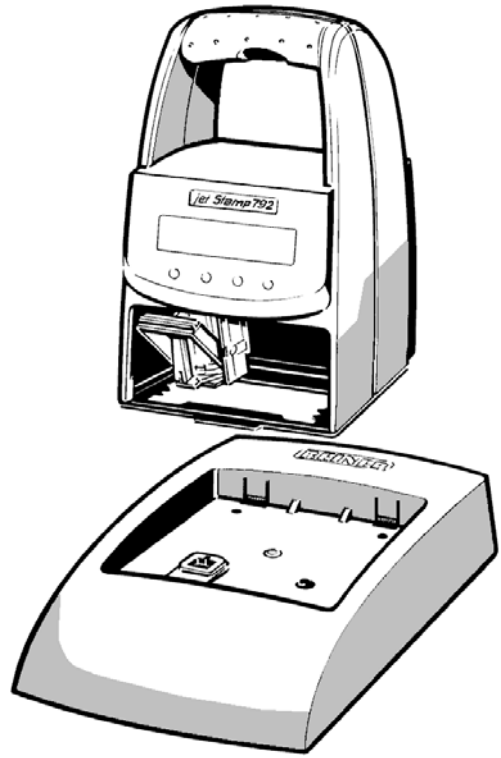
REINER

Operating instructions

jetStamp 792

Electronic hand stamp
with flexible impression selection



Version 3.0

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damage resulting from them.

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Note

= Information / Notice

Warning

= Caution

= Safety hints

Safety instructions

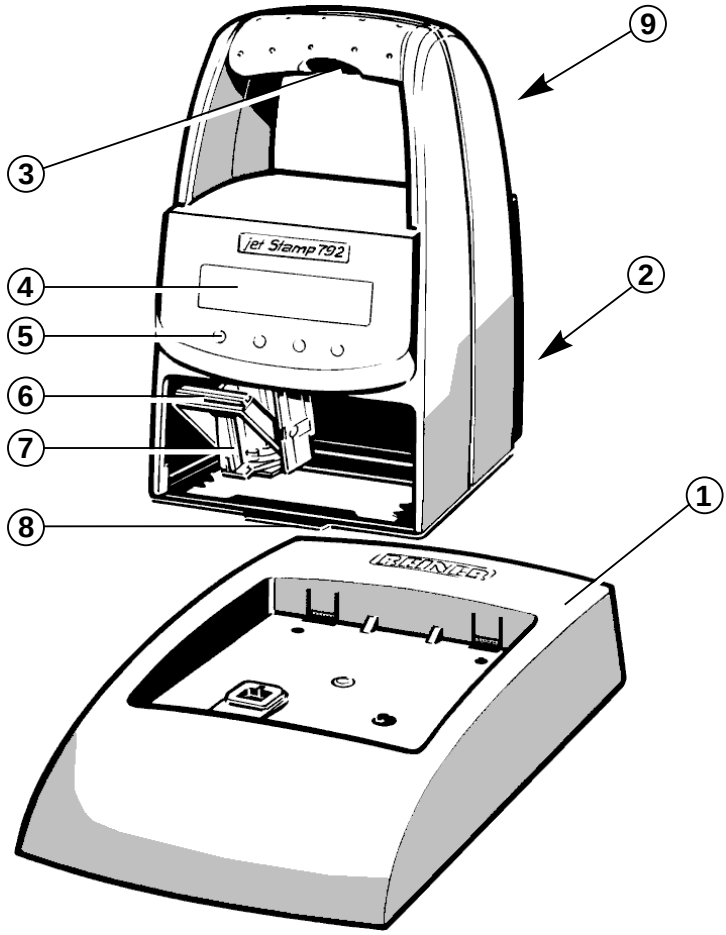
On this page, you will find safety instructions that you must always observe when handling and working with your Electronic Hand Stamp

- *jetStamp* 792 complies with the relevant safety regulations for information technology equipment, including office machinery
- Unauthorised opening of the unit and improper repairs can cause considerable danger (fire hazard)

  To avoid the danger of crushing, do not insert your finger between the baseplate and the print carriage
- The ink in the ink cartridge is a hazardous substance! Never hold the lower face of the *jetStamp* 792 against a person's face

  Keep ink cartridges out of the reach of children
- Transport the machine only in its original package or other suitable package that provides protection against shock and impact
- If the machine is taken from a cold environment into a warm room, dew may form on it. Wait until the machine has warmed up to room temperature and is absolutely dry before starting to use it
- Make sure that the local mains voltage corresponds to the voltage stated on the mains unit
- Ensure that the locally-installed mains socket with protective earth, which you use for the machine, is readily accessible at all times
- The machine has no ON / OFF switch; to disconnect it from the mains you must pull the mains unit out of the mains socket
- Arrange the connection leads so that they do not create a hazard (danger of tripping) and cannot be damaged
- Take care that no objects (e.g. necklaces, paper clips or liquids) fall into the machine - danger of electric shock and short circuit
- In an emergency, e.g. in the event of damage to the machine casing, control elements or the mains lead, or if an object or liquid falls into machine, pull the mains unit out of the mains socket and inform your sales agent

Control elements



1 = Base station
2 = Socket for power supply
3 = Trigger
4 = Display
5 = Buttons
6 = Locking rail for ink cartridge
7 = Ink cartridge
8 = Notch
9 = Socket for remote triggering

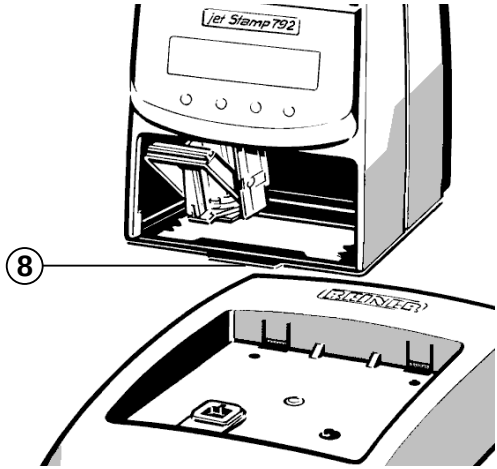
Unpack the stamp

- connect the mains unit to *jetStamp*
- plug in the power supply to the mains outlet
  Note: Use only original REINER components!

Place *jetStamp* in the base station

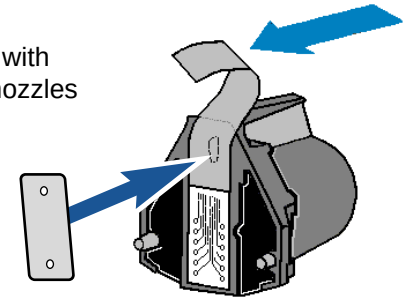
take care of the following points:

- Engage the notch (8) and place *jetStamp* in the base station
- When *jetStamp* is connected to power, the stamps data like date and time can be set for starting the stamp. After 5 minutes being connected to power a power-off indicator will become effective.
- In case of a power failure an empty battery logo will be indicated on the display. Date and time are only stored for a short while. At the same time the triggering of the stamp, the buttons and data transmission are disabled. The menu bar is also extracted.
- Avoid exposing the *jetStamp* to direct sunlight.
  For permissible ambient temperature see page 26, 'Technical data'

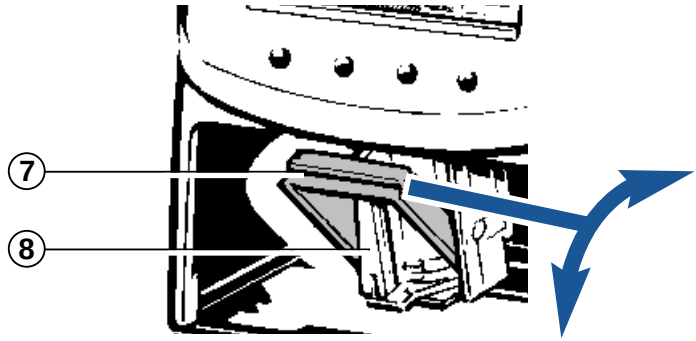


Insert ink cartridge

- When necessary press repeatedly **[MODE]** until menu item "INKJET" is displayed on the lower display line
- Press **[INKJET]** : The print carriage now automatically moves to the middle of the equipment for easier handling
- Remove ink cartridge from packaging and remove protective film from the ink cartridge
- Hold the small felt plate provided with the felt-side on the ink cartridge nozzles for about 2 seconds until there is some ink on the felt



- Push the locking rail (7) back on the print carriage and insert the ink cartridge with the handle strip (8) in the print carriage pointing to the operator
- Pull the locking rail forward again (7) until it engages
- Press **[INKJET]** : The print carriage moves back to its original position



Display zones and button funcitons

The display is divided into three zones:

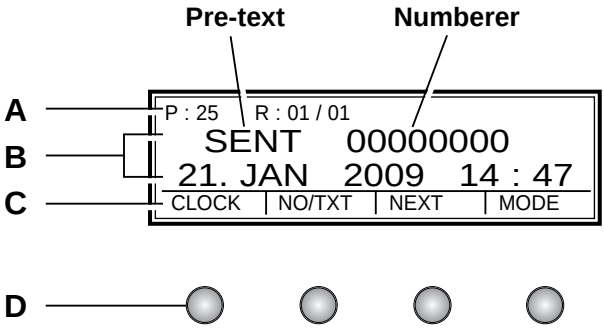
A The top line is the **status line**
On the left is the number of the selected imprint (P:01 ... P:29) .
To the right of that, if the imprint includes numbering, is the repetition setting (e.g. R:02/02) .

B The middle of the display shows the currently selected **imprint** on one or two lines

C The bottom line of the display contains the **menu bar**
The menu items and commands displayed here can be selected by pressing the appropriate button.

D Below the display there are **four buttons**
Each button is associated with the menu field in the display immediately above it, i.e. a button function always depends on the menu or command displayed.

Example of a display:



Imprint selection

A total of 25 different standard imprints are stored (see pages 10 / 11)
These contain the individual printing fields 'Pre-text' 'Numberer' 'Date' and 'Time .
Any 'Pre-text' can be selected from 12 standard texts, or it can be switched off (see page 16)
The imprints are numbered 'P:01' to 'P:25'.
The number of the imprint currently selected is shown at the top left of the display.

'P:26' ... 'P:29' are reserved for customer-specific imprints (see page 12)

The required imprint can be selected in one of two ways, which are described below:

a) Select the required imprint by pressing **[NEXT]**
Only those imprints can be selected that are marked 'ON' in the Setup Menu (see menu item 'SET STAMP PICT' page 22)

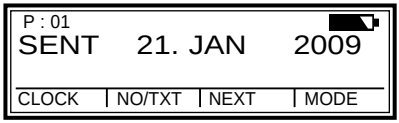
Note

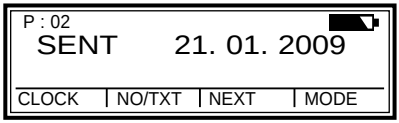
The display mode can be changed by **[MODE]**
Press this button, if necessary repeatedly, until the menu item "NEXT" appears in the menu bar.

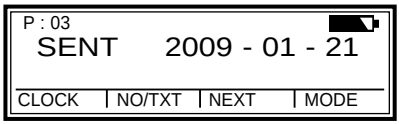
b) Select an imprint using the SETUP menu.
All available imprints can be selected, including those marked 'OFF' in the Setup menu (see menu item ' SET STAMP PICTURE ' page 22)

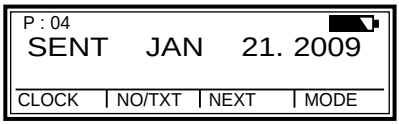
Stored imprints

Imprints P : 01 ... P : 04 = Pre-text + Date

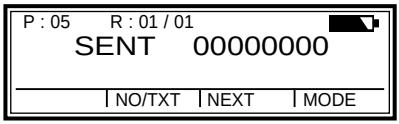


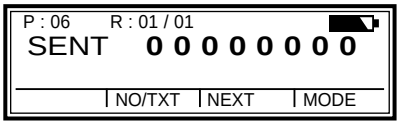


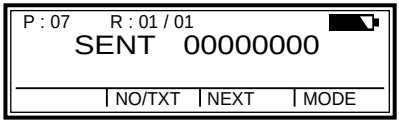




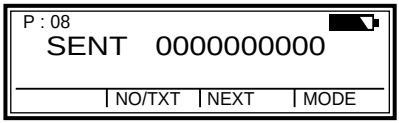
Imprints P : 05 ... P : 07 = Pre-text + Numberer

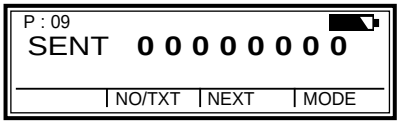


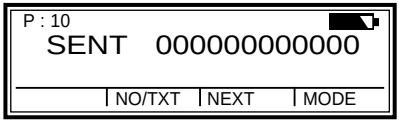




Imprints P : 08 ... P : 10 = Pre-text + Numbers



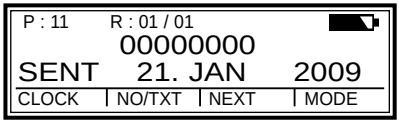


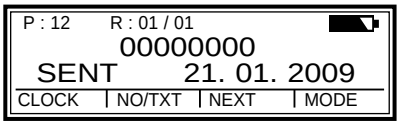


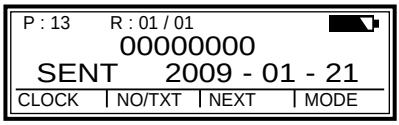
Note

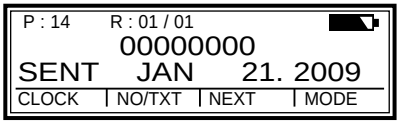
On selection of one of the imprints P:08 ... P:10 , the setting of the Numberer is automatically cleared

Imprints P : 11 ... P : 14 = Numberer + Pre-text + Date

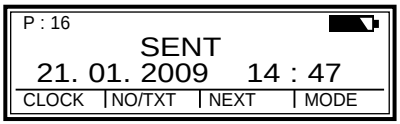


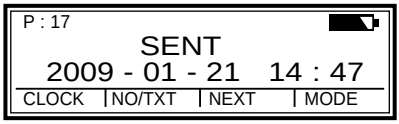




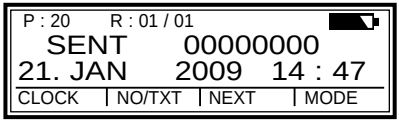


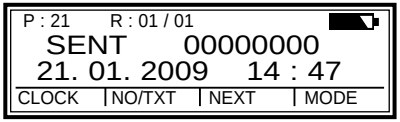
IImprints P : 15 ... P : 19 = Pre-text + Date + Time

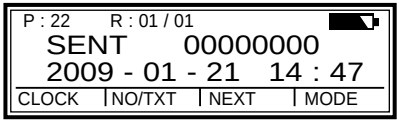


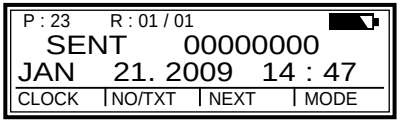


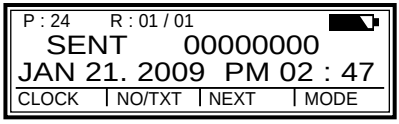
Imprints P : 20 ... P : 25 = Pre-text + Numberer + Date + Time

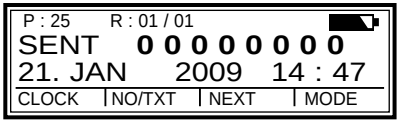






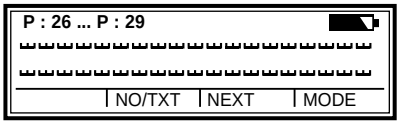






Customer - specific imprints

Imprints P : 26 ... P : 29 = customer - specific



P:26 ... P:29 are intended for individual customer-specific imprints.
Each imprint can have two lines with up to 20 characters in each.

Characters can be entered as follows:

- Select the required imprint (P:26 ... P:29)
- Press **[NO/TXT]** :
  The top line of the display shows 'INPUT - MODI TEXT 01'
  MODI TEXT 01 = first entry block (10 characters) in the top line
  MODI TEXT 02 = second entry block (10 characters) in the top line
  MODI TEXT 03 = first entry block (10 characters) in the bottom line
  MODI TEXT 04 = second entry block (10 char.) in the bottom line
- To change from one entry block to the next, press **[NEXT]**
- Using **[VARY]** , a block is selected for entry or changing, you can then enter characters with **[DEC]** or **[INC]**

  The following characters are avaibable:
  0 ... 9 A ... Z Ç Ä Å É Æ Ö Ü £ Ø Ñ Á À ¥
  Ê È Ó Ú € Í $ & * + , - . / : @
- **[RIGHT]** is used to select the next entry position
- Press **[RETURN]** to go back to the previous menu

Note

The customer-specific imprints P:26 ... P:29 have the fields *Date 2* , *Time 2*, *Numberer 2* and *Pre-text* assigned to them. When using a PC-Set, the appropriate fields can be individually entered in these imprints, and then selected for data entry.
If you have any questions, please contact your dealer.

Setting time and date

To set the time and date, an imprint must first be selected that contains the date, or date and time as appropriate.

- First select an imprint that contains the date, or date and time as appropriate (see also pages 10 and 11)
- Press **[MODE]** if necessary repeatedly, until the menu item "CLOCK" is displayed
- Press **[CLOCK]** to select the required menu item
  The display shows "INPUT - TIME 1" * and below it ou will see the time currently set

Note

This menu may be protected by a password.
In that case the correct password must first be entered.

- Press **[VARY]** to select the minutes figures and set the minutes by pressing **[INC]**
- Press **[NEXT]** to select the hours figures and set the hours by pressing **[INC]**
- Press **[RETURN]** and then **[NEXT]** to change to the date display (display shows "INPUT - DATE 1" *)
- Press **[VARY]** to select the year figures and set the year by pressing **[INC]**
- Press **[NEXT]** to change to the month display and use **[INC]** to set the month
- Press **[NEXT]** to change to the days figures and use **[INC]** to change the setting
- Press **[RETURN]** if necessary twice, to exit the menu.
  The selected imprint will be displayed, and the stamp is ready for use

* When using a customer-specific imprint (P:26 ... P:29) , you can change to "INPUT - TIME 2 or "INPUT - DATE 2" at this point by pressing **[NEXT]** (see page 12)

Different settings of the Numberer

The Numberer is used for the successive numbering of forms. Numbering can be increasing or decreasing. Further, various functions of the Numberer can be coupled together, e.g. repetition, zeroing, counting, activation of a minimum or maximum value, advance skip, etc. Before the Numberer can be set, an impression, which uses the Numberer or figures, must be selected (see pages 10 / 11)

Selecting the Numberer:

- Press the **[MODE]** button, if necessary repeatedly, until the menu item "NO / TXT" appears in the menu bar. Pressing **[NO / TXT]** then activates the menu.

Note

This menu may be protected by a password. In that case the correct password must first be entered.

Depending on the selected imprint, the following functions may be available. By pressing **[NEXT]**, you can scroll through them.

- INPUT - REPETITION = for setting the repetition factor
- INPUT - NUMBERER 1 or INPUT - NUMBERER 2 * = for entering the starting point of the Numberer
- INPUT - PRE TEXT = for selecting the pre-text
- INPUT - NUMBER 1 or INPUT - NUMBER 2 * = for setting figures

* These functions are only available with a customer-specific imprint (P:26 ... P:29), which has been prepared by using PC-Set

Setting of the repetition factor (INPUT - REPETITION):

- Press **[NEXT]** if necessary repeatedly, until the display shows "INPUT - REPETITION"
- Press **[VARY]** to select the units position of the entry
- Set the units position by pressing **[INC]** to increase the setting, or press **[DEC]** to reduce it
- By pressing the **[LEFT]** button, you can move to the tens position, which can also be set with **[INC]** or **[DEC]**
- Press **[RETURN]** to exit the setting

Numberer - setting starting point or figures :

- Press **[NEXT]** if necessary repeatedly, until the display shows
  "INPUT - NUMBERER 1" "INPUT - NUMBER 1" or
  INPUT - NUMBERER 2 * INPUT - NUMBER 2 *
  * Only available with a customer-specific imprint (P:26 ... P:29), which has been prepared using PC-Set
- Press **[VARY]** to select the first position of the entry
- Set this digit by using **[INC]** to increase, or **[DEC]** to decrease it
- With the **[LEFT]** and **[RIGHT]** buttons, you can move to the other positions. They can be set using **[INC]** and **[DEC]**
- To exit the setting press **[RETURN]**
- Press **[RETURN]** again to exit the menu. The selected impression is displayed again, and *jetStamp* is ready for use

Additional functions of the Numberer

Increasing and / or decreasing numbering between two limits.

Press **[MODE]** if necessary repeatedly, until the following functions appear in the menu bar:

[N1 MAX ◀] = upper limit is activated (pressing this button again displays the upper limit)

[N1 MAX] = upper limit is de-activated

[N1 MIN ◀] = lower limit is activated (pressing this button again displays the lower limit)

[N1 MIN] = lower limit is de-activated

[N1 CLR] = all limits de-activated

[COUNT] = increases or decreases the counter reading by one step

[CLEAR] = sets the counter back to the limit

For further notes on additional functions of the Numberer see page 23

Setting pre-texts

There are 12 different standard pre-texts stored in the stamp for each language. The set pre-text (or blanks if pre-text is switched off) is printed with all standard imprints which include a pre-text.
The following standard pre-texts are stored :

RECVD	INU.	DRAFT	FAX
SENT	ORDER	PAID	ORIG
FILE	ENT.D	RECPT	REG.D

_ _ _ _ _ (= pre-text switched off)

To select a pre-text proceed as follows:

- Press **[MODE]** if necessary repeatedly, until "NO / TXT" appears in the menu line
- Press **[NO / TXT]** to select this menu item

Note

This menu may be protected by a password.
In that case the correct password must first be entered.
If you need more information, please contact your dealer.

- Depending on the selected imprint, the display will now offer entry of the Numberer (= INPUT - NUMBERER 1), the repetition factor (= INPUT - REPETITION) or the pre-text (= INPUT - PRE TEXT)
- Press **[NEXT]** if necessary repeatedly, until the display shows "INPUT - PRE TEXT"
- Pressing the **[VARY]** button will cause the present pre-text to be shown blinking
- Press **[NEXT]** if necessary repeatedly, until the required pre-text appears
- Press **[RETURN]** to accept this pre-text
- Press **[RETURN]** again to exit the menu. The selected imprint will be displayed again, and the stamp is ready for use

Stamping

Stamping will be triggered by pressing the red trigger, which is located in the grip.
Depending on the selected imprint, the imprint will have one or two lines. The position of the two lines can be seen in the illustration below.

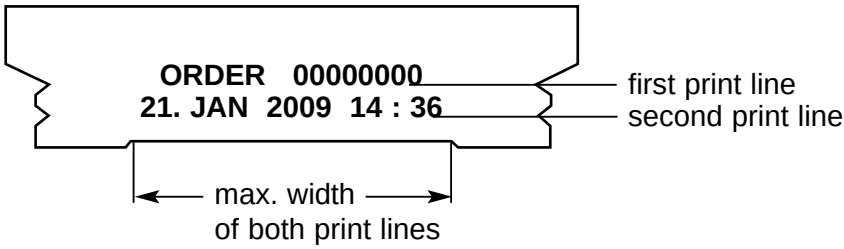
Note

- Stamping may be protected by a password. In that case the correct password must first be entered.
  To block stamping again, press **[MODE]** repeatedly until 'CLOSE' appears in the menu bar.
  Pressing **[CLOSE]** will block stamping.
- Avoid the dry up of the nozzles of the ink cartridge:
  With longer breaks, *jetStamp* should be placed in the base station

The ink in the ink cartridge is harmful!
Never hold *jetStamp* against a person's face!

Stamping is not possible under the following circumstances:

- When the accumulators are discharged, the display shows "EMPTY BATTERY NO IMPRINT POSSIBLE"
- In Setup or Setting mode
- When *jetStamp* is in the base station
- Printing is blocked - the display shows "IMPRINT BLOCKED" : The blockade can be released by pressing **[QUIT]** (see also page 24, menu item 'BLOCK IMPRINT')



Changing the ink cartridge

Note

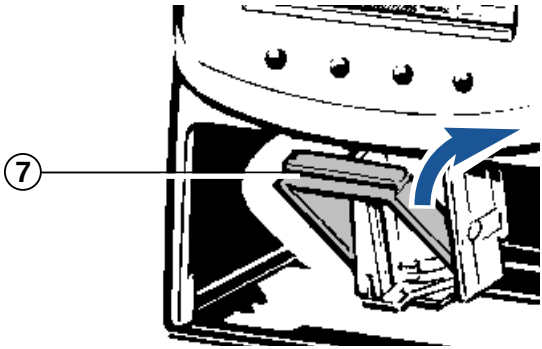
- The change of the ink cartridge may be necessary if the imprint is incomplete or if dots are missing
- For an optimal print performance the ink cartridge should be changed at least all six months
- The ink cartridge is ready to print that means there is no preparation necessary before using it
- Replacement ink cartridges are available with the order number 801 307 - 000 on REINER stock

Warning

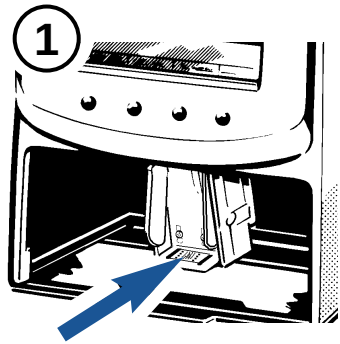
The ink in the ink cartridge is harmful. Never swallow it! Always keep the ink cartridge out of the reach of children!

Removing a used ink cartridge:

- Press **[MODE]**, if necessary repeatedly, until the menu item "INKJET" appears
- Press **[INKJET]**: The print carriage will go automatically to the centre of its travel to make handling easier
- Push the locking rail (7) back until it clicks into position, and then withdraw the ink cartridge forwards

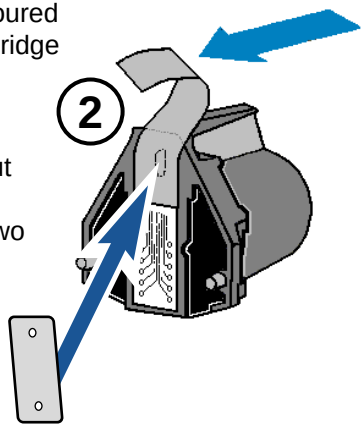


Dirt and dried up ink at the holder of the ink cartridge can be removed with a soft cleaning cloth moistened in spirit (see figure1)

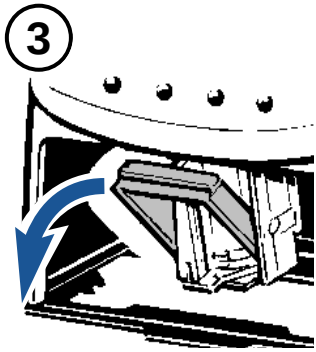


Insert the new ink cartridge:

- Take the ink cartridge from the packaging and remove the coloured protection film from the ink cartridge (see figure 2)



- Take the small felt plate and put the felt side to the nozzle plate of the ink cartrige for approx. two seconds until a little bit of ink is at the felt
- Put in the new ink cartridge into the ink cartridge holder
- Push the locking clip downward until it engages, by this means the ink cartridge will be locked (see figure 3)



Note

When *jetStamp* is in the charging station, a cleaning sequence for the ink cartridge can be activated by pressing **[CLEAN]**
If necessary, press **[MODE]** repeatedly until **[CLEAN]** appears in the menu bar.

Setup module

The Setup module contains the following two main menues:

SETTINGS: Enables comprehensive, extensive changes to settings to be carried out, influence the imprint and the handling of the stamp.

UPDATE: In combination with the optional PC - Set, the program in *jetStamp* can be updated. In addition, the imprints P:26 ... P:29 can be individually replaced or modified.

Selection of the Setup module :

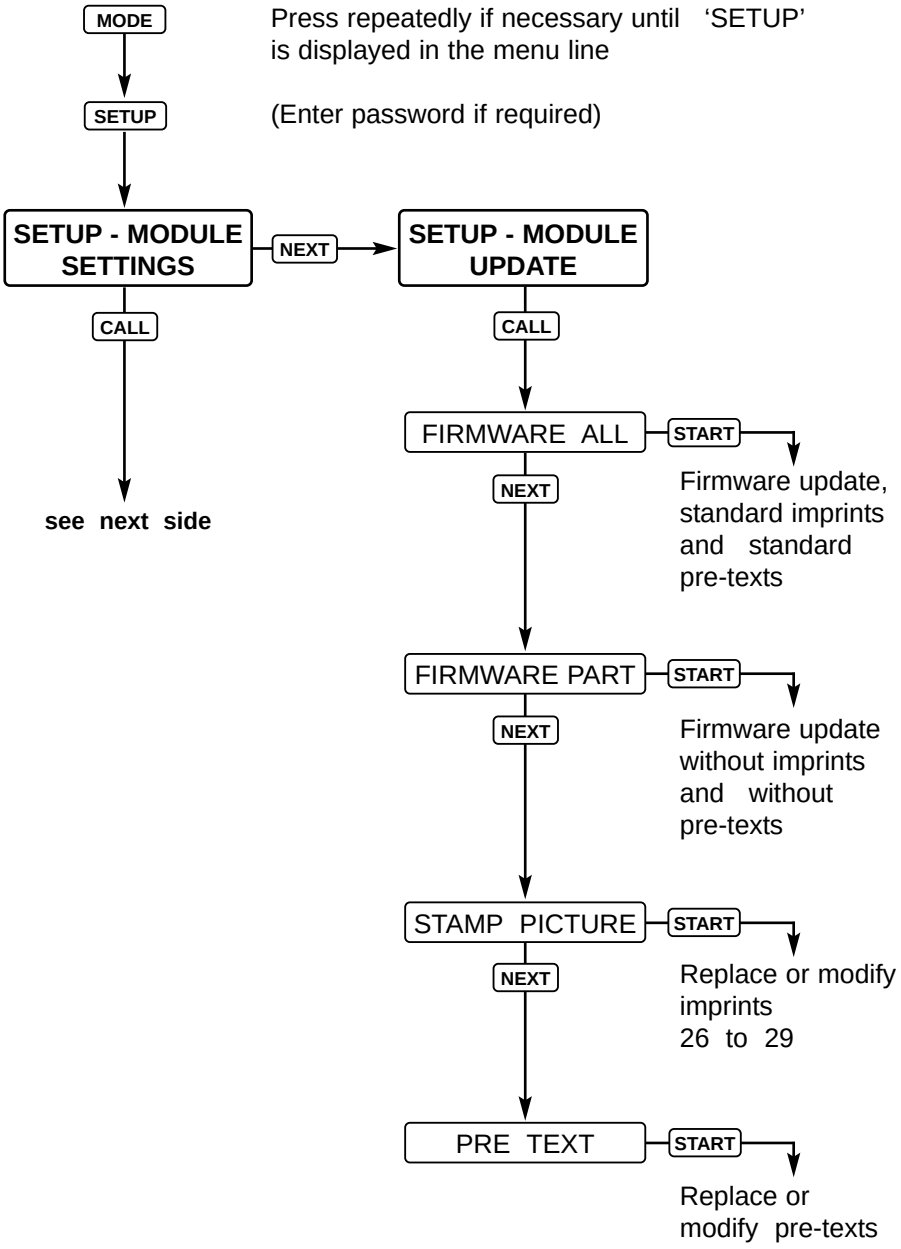
- Press **[MODE]** , if necessary repeatedly, until "SETUP" appears in the menu bar
- With pressing **[SETUP]** , the first main menu ' SETTINGS ' is displayed. With **[NEXT]** you can switch between the two menu items ' SETTINGS ' and ' UPDATE ' Whichever is displayed can be selected by pressing **[CALL]**

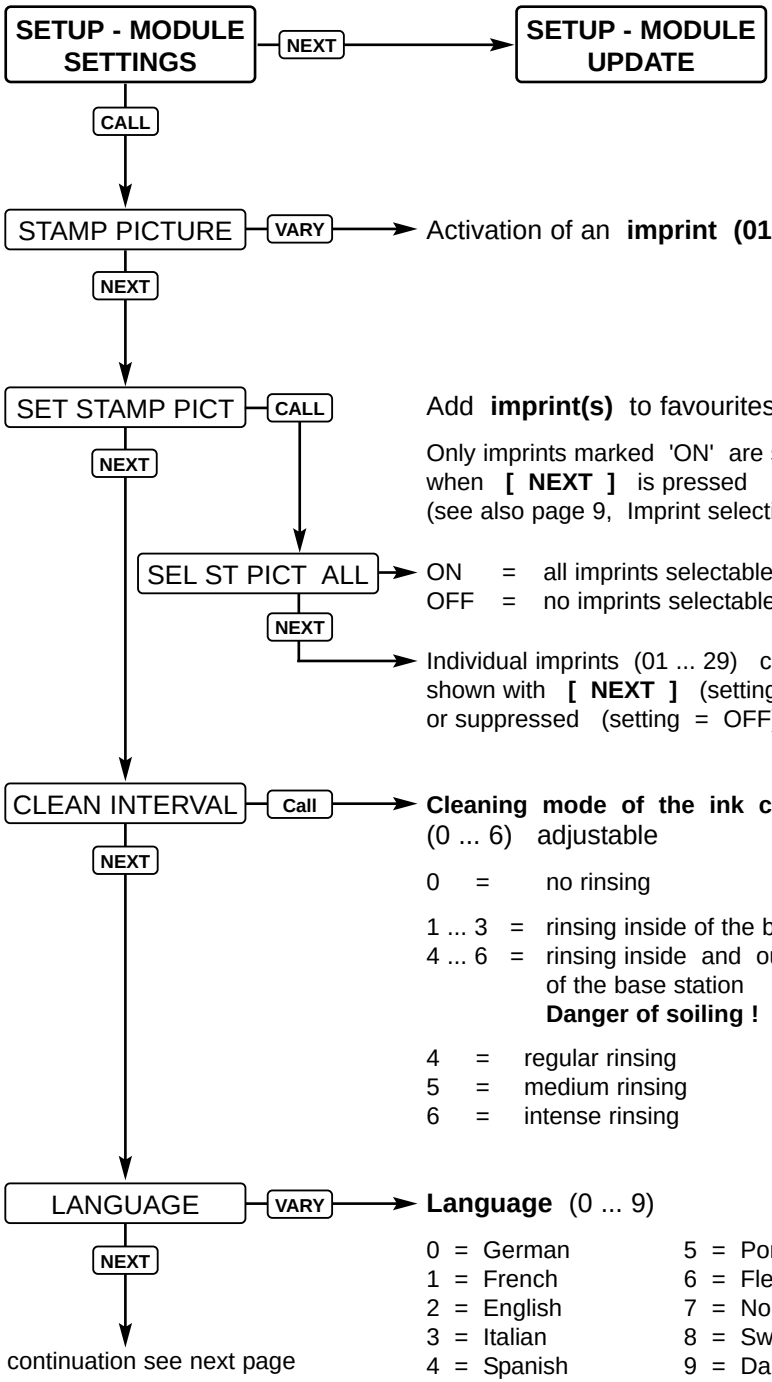
Note

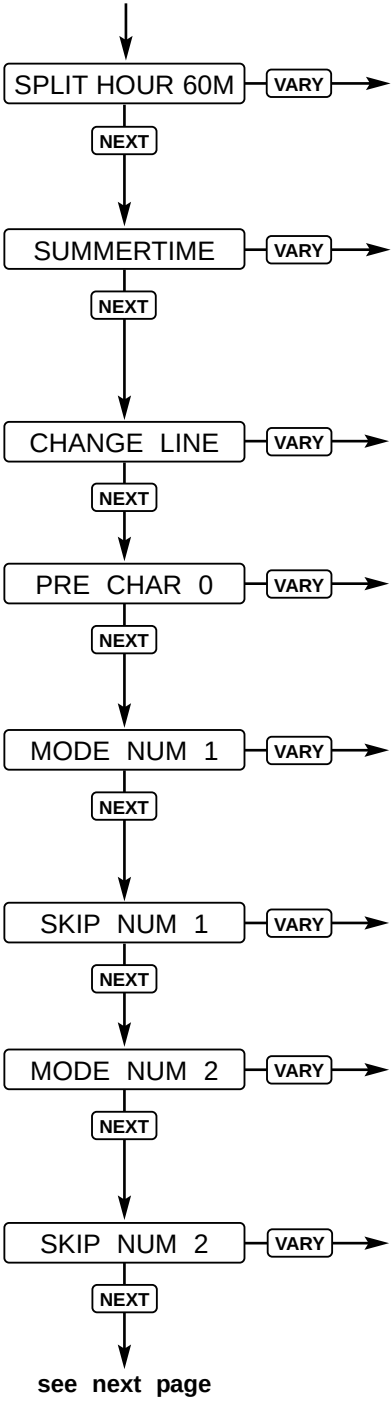
The Setup module may be protected by a password. In that case the correct password must first be entered. For further information, please contact your dealer

- By pressing **[NEXT]** , you can scroll through the menu items (see also page 21). The value or status of the current item is always shown on the right of the display.
- Pressing **[VARY]** selects the displayed menu item, e.g. to change its value or status
- Numerical values can be increased by pressing **[INC]** or reduced by pressing **[DEC]** (decreasing)
- A status can be changed using **[OFF]** and **[ON]**
- Pressing **[RETURN]** accepts the value or status selected, and the display automatically shows the next menu item. Pressing **[RETURN]** again exits the Setup menu. The selected imprint is displayed, and *jetStamp* is ready for use

Description of the Setup module




SETUP - MODULE SETTINGS
NEXT
SETUP - MODULE UPDATE
CALL
STAMP PICTURE
VARY
Activation of an **imprint (01 ... 29)**
NEXT
SET STAMP PICT
CALL
Add **imprint(s)** to favourites list
NEXT
Only imprints marked 'ON' are shown when **[NEXT]** is pressed
(see also page 9, Imprint selection)
SEL ST PICT ALL
ON = all imprints selectable
OFF = no imprints selectable
NEXT
Individual imprints (01 ... 29) can be shown with **[NEXT]** (setting = ON) or suppressed (setting = OFF)
CLEAN INTERVAL
Call
Cleaning mode of the ink cartridge (0 ... 6) adjustable
NEXT
0 = no rinsing
1 ... 3 = rinsing inside of the base station
4 ... 6 = rinsing inside and outside of the base station **Attention ! Danger of soiling !**
4 = regular rinsing
5 = medium rinsing
6 = intense rinsing
LANGUAGE
VARY
Language (0 ... 9)
NEXT
0 = German
1 = French
2 = English
3 = Italian
4 = Spanish
5 = Portuguese
6 = Flemish
7 = Norwegian
8 = Swedish
9 = Danish
continuation see next page



Hour divisions (ON / OFF)

ON = one hour = 60 minutes
OFF = one hour = 100 sub-divisions

Summer time (0 ... 3)

0 = no summer time
1 = European summer time from 1996
2 = European summer time prior to 1996
3 = American summer time

Exchange lines (OFF / ON)

ON = top and bottom lines of imprint exchanged

Leading zeros of Numberer

ON = leading zeros displayed and printed
OFF = leading zeros disabled

Mode setting for Numberer 1

1 = increase to a maximum
2 = decrease to a minimun

Skip setting for Numberer 1

adjustment range 0 ... 99

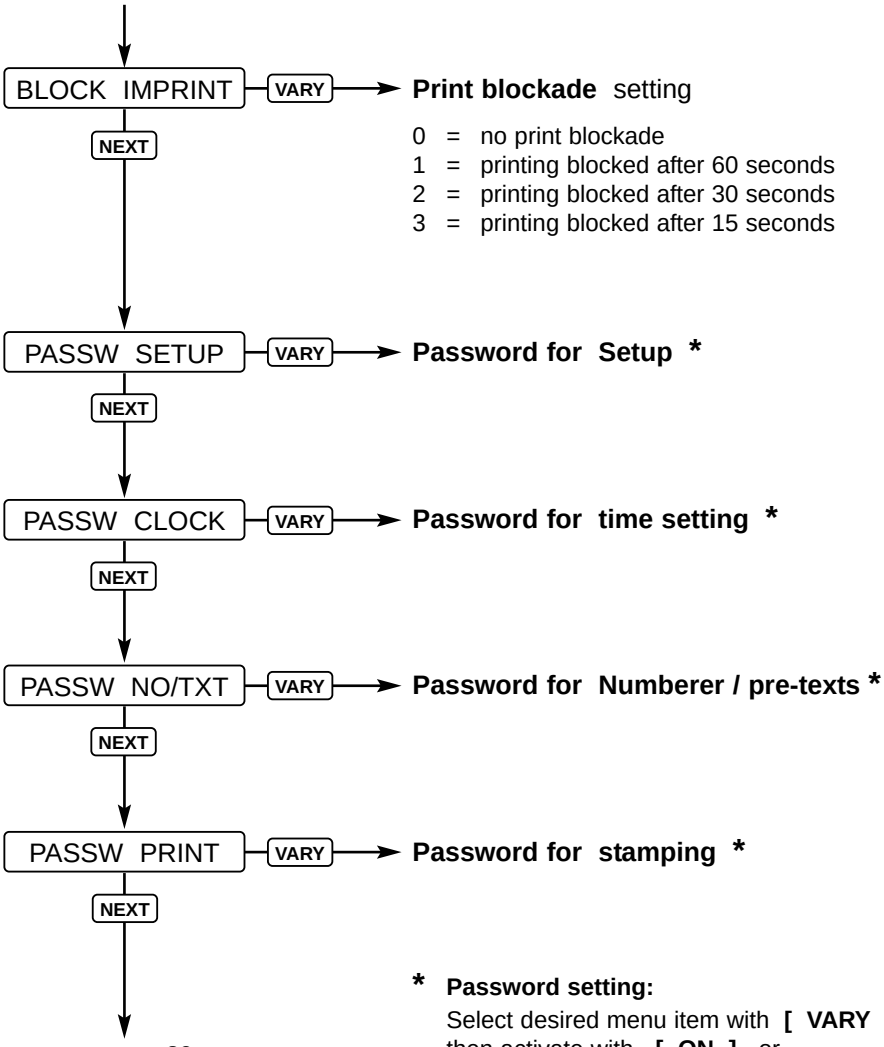
Mode setting for Numberer 2 *

1 = increase to a maximum
2 = decrease to a minimum

Skip setting for Numberer 2 *

adjustment range 0 ... 99

* Numberer 2 is used for customer-specific imprints



* **Password setting:**
Select desired menu item with **[VARY]** then activate with **[ON]** or de-activate with **[OFF]**, press **[RETURN]** and enter your chosen password.

Troubleshooting

Display	Cause	Recommendation
IMPRINT BLOCKED	Time allowed by 'Block Imprint' has expired, disappears trigger has been pressed	Press **[QUIT]** : *jetStamp* is then ready for use again
Error 04	Memory error	Press **[QUIT]**
Error 09	• Sensor or motor defective • print carriage blockade	Press **[QUIT]** and start stamping again

Reset button

Note

- Only carry out a reset if the display shows confused signs or if the machine stops working
- To operate the reset button, insert a straightend paper clip or similar object through the opening in the rear face of the stamp

Technical data

Stamping time	approx. 0,7 seconds
Stamping cycle	> 2 seconds
Print capacity per ink cartridge	approx. 300.000 characters
Dimensions, *jetStamp* 790 only	(B x D x H in mm) 95 x 70 x 170
Dimensions, base station only	(B x D x H in mm) 102 x 135 x 32
Height of *jetStamp* in charg. stat.	187 mm
Weight of *jetStamp* 790	approx. 490 g
Weight of the base station	approx. 430 g
Ambient temperature for operation	+ 8° C ... + 35° C (temperat. limits) down to - 8° C conditional
Temperature for transport and storage	- 20° C ... + 60° C (up to 48 hours)
Humidity for operation	30% ... 70% relative humidity
Humidity for transport and storage	10% ... 90% relative humidity
Power supply	REINER AC adapter model A30908G, Protection class II
Manufacturer	Ontop European Div. of SAC Group
Mains voltage	230 V ~ / 50 Hz / 70 mA AC
Input voltage for base station	9 V / 800 mA DC
Noise level	< 60 dB(A) (Workplace related emissions to ISO 7779)

Certifications

Tested safety

jetStamp is manufactured to the safety standards IEC / EN 60950 - 1

CE

Marking

jetStamp complies with EC directives 2004 / 108 / EG ‘Electromagnetic compatibility’

Electro- and electronic appliances are off the point of domestic waste or residual waste

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