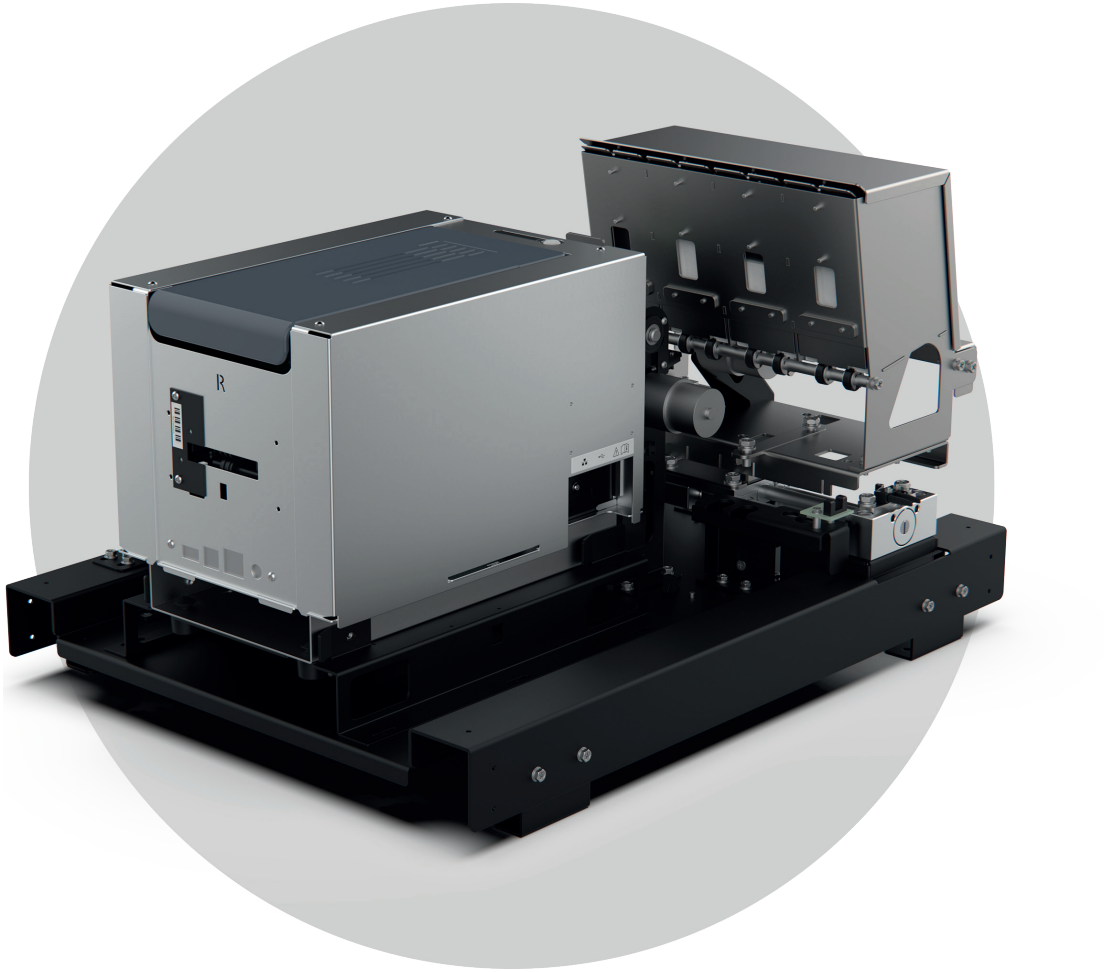
Identify what matters

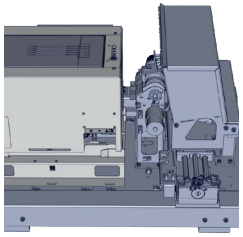


KC MAX

USER GUIDE

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User-guide_KSKC4_ENG_20240402_C



KC MAX

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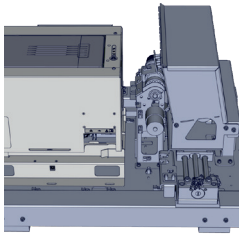
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TRADEMARKS

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WARRANTY

Please refer to the warranty notice for the terms and conditions and limitations. It is available on **myplace.evolis.com.**

Register online at **myplace.evolis.com** to receive our special offers and general information.

ENVIRONMENTAL INFORMATION

Evolis is committed to helping the environment by reducing the energy consumption of its products.

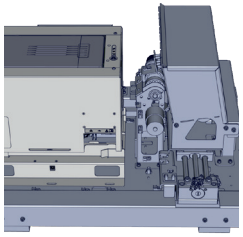
RECYCLING END-OF-LIFE PRODUCTS

Manufacturing the equipment that you have purchased required the extraction and use of natural resources. This equipment may contain materials that are hazardous to health and the environment.

To prevent the dispersal of such materials into our environment and to reduce pressure on our natural resources, we recommend that you use existing collection facilities. These systems will re-use or recycle most of the materials in your end-of-life equipment in an appropriate way.

For further information on collection, re-use, or recycling systems, contact your local or regional waste management organization.

Do not hesitate to contact us to find out more by visiting our website at **myplace.evolis.com** or by emailing the following address: **info@evolis.com.**



KC MAX

ABOUT YOUR NEW PRINTER

Using your new Evolis printer, you can create a wide variety of high-quality cards and personalized badges that can be printed and laminated in various thicknesses, colors, and styles. This printer uses consumables and accessories available from Evolis.

Certifications and declarations of conformity:

CE, UKCA, ICES, VCCI, BIS, CCC, KC, EAC, RoHS

FCC (Evolis contact: Evolis, Rising Sun Mills, 188 Valley St., Suite 421, RI 02909 Providence, evolisnortham@evolis.com)

Icons on the printer



Evaluation for apparatus only based on altitude not exceeding 2000m, therefore it's the only operating condition applied for the equipment. There may be some potential safety hazard if the equipment is used at altitude above 2000m.



As evaluation for apparatus is only based on temperate climate condition, it's the only operating condition applied for the equipment. There may be some potential safety hazard if the equipment is used in tropical climate region.



Reminder to use existing collection facilities.

Dimensions

- Printer (HxWxD): 314 x 417x 540,5 mm
- Feet height: 18 mm

Weight

- 21 kg

Connectivity

- USB (1.0, 1.1, 2.0, 3.0), Ethernet, Serial (option), Wi-Fi

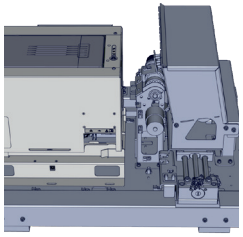
Environmental conditions

- Standard operating temperature: 15°C / 30 °C (59° / 86 °F)
- Humidity: 20% to 65% non-condensing
- Min / Max operating temperature and humidity rate: 0° / 40° C (32° / 104° F) and 20% to 65% non-condensing
- Min/max storage temperature: –5°C / +70 °C (23° / 158 °F)
- Storage humidity:
- Operating ventilation: free air

Electrical information

- Power supply unit: 100-240 Volts AC, 50-60 Hz, 1.7A
- Printer: 24 Volts DC, 2.71 A

To view all technical specifications, refer to **myplace.evolis.com**.



KC MAX

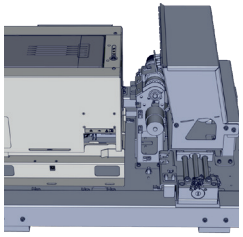
ICONS IN THE DOCUMENT

The following icons are used in this manual to highlight information:

NOTE Further details about certain points in the main text.

Failing to take the recommended action is likely to damage your printer.

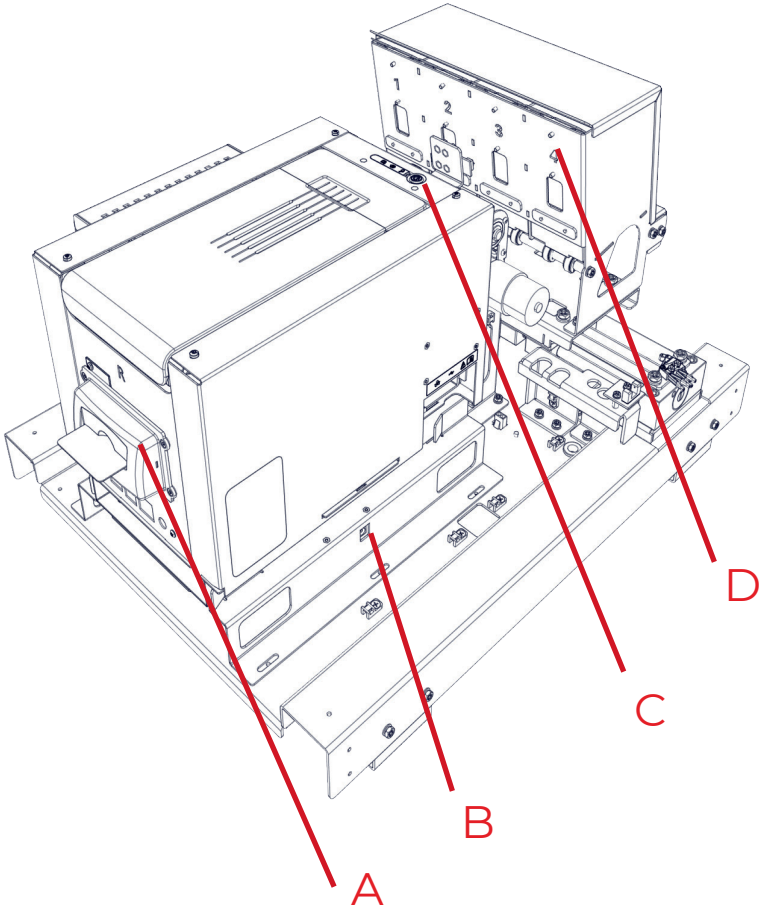
A video showing the procedure is available on **myplace.evolis.com**.

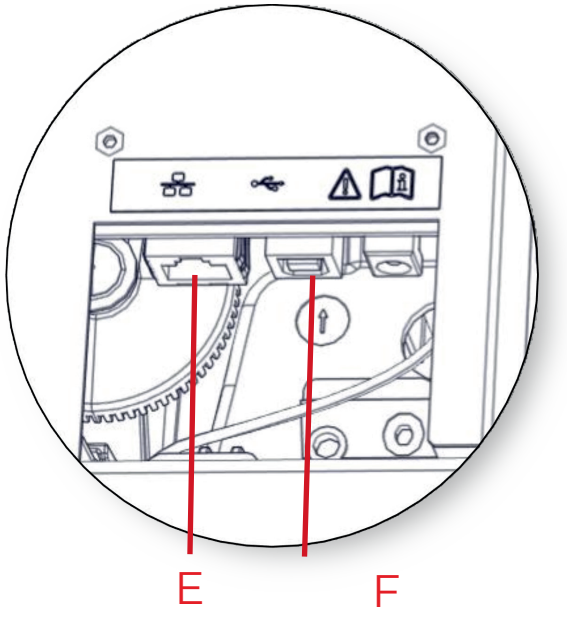


KC MAX

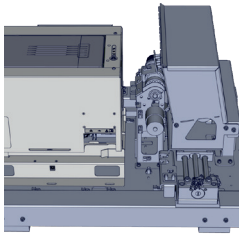
1. GETTING STARTED

DESCRIPTION OF THE PRINTER FUNCTIONS

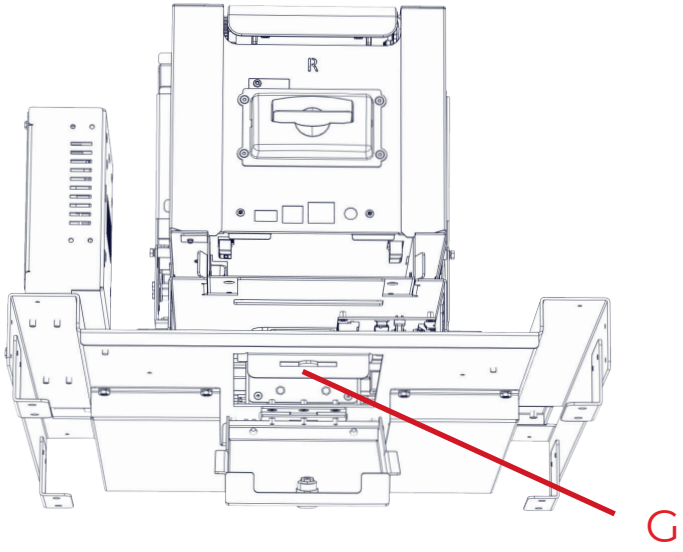


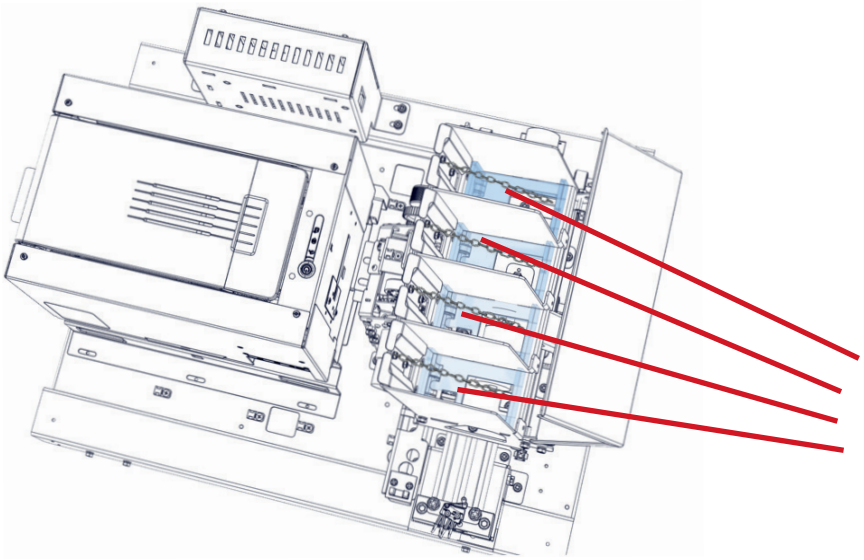


A Bezel for card exit
B Power cable socket
C Control Panel
D Feeders (100 cards each)
E Ethernet port
F USB port



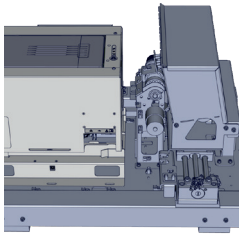
KC MAX





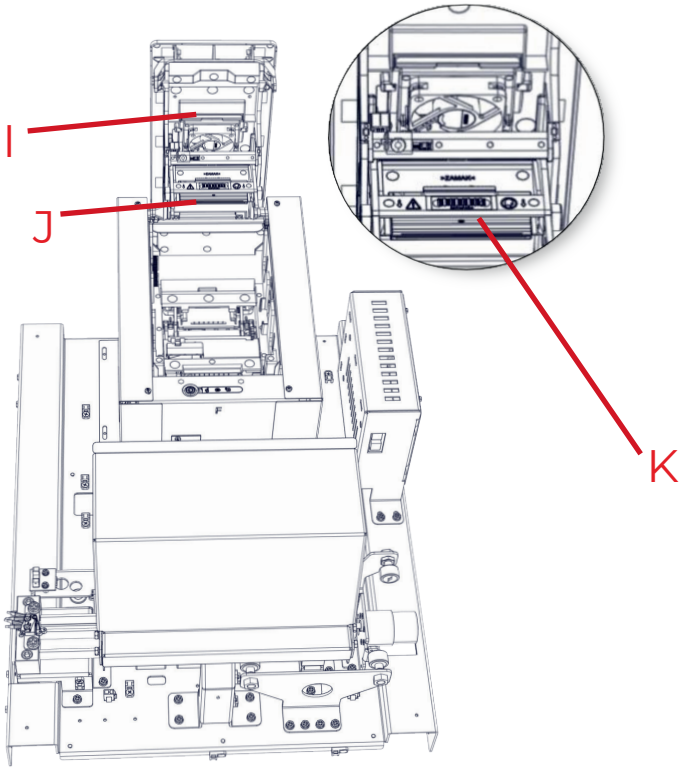
G Ejection Slot

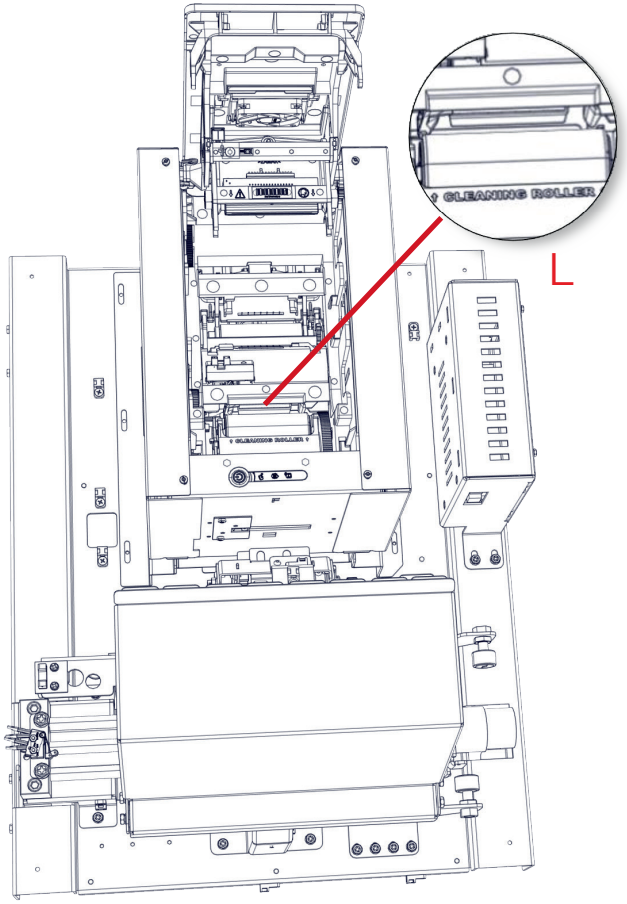
H Feeder Weights



KC MAX

DESCRIPTION OF THE PRINTER FUNCTIONS



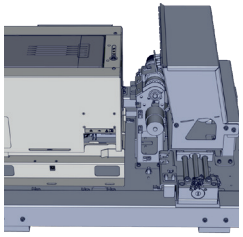


I Dust Filter

J Thermal print head

K Serial number label

L Cleaning Roller



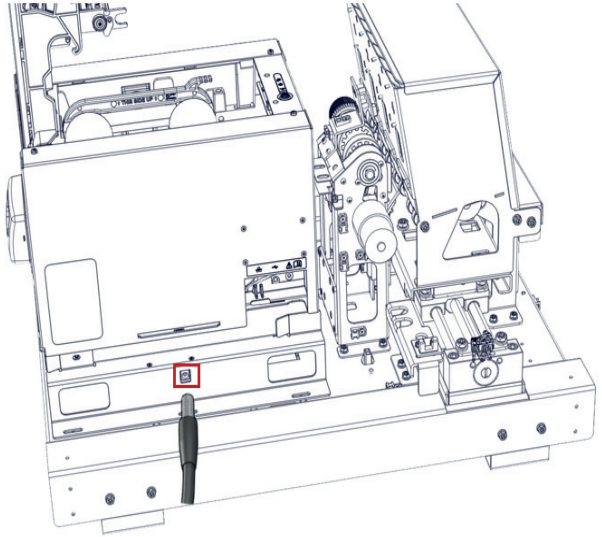
KC MAX

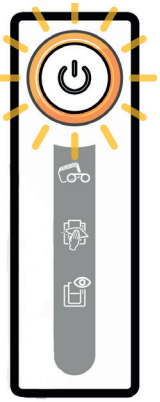
Connecting the printer

The printer must be connected to a properly protected and grounded electrical system.
FI: Laite on liitettävä suojamaadoitus koskettimilla varustettuun pistorasiaan.
NO: Apparatet må tilkoples jordet stikkontakt.
SE: Apparaten skall anslutas till jordat uttag.
DK: Printeren skal tilsluttes til en korrekt beskyttet og jordforbundet el-installtion.

To do so:

- Connect the power cable to the power supply unit, then plug the power cable jack into the printer.

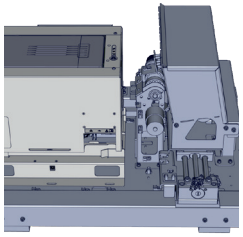




- Next, connect the power cable plug to a grounded power socket outside of the terminal.

- The printer is powered on: the control panel lights up indicating that the printer is working properly.

If the control panel does not light up, then either the installation has not been carried out correctly or the printer is not working properly. Please check the installation.



KC MAX

Ribbons

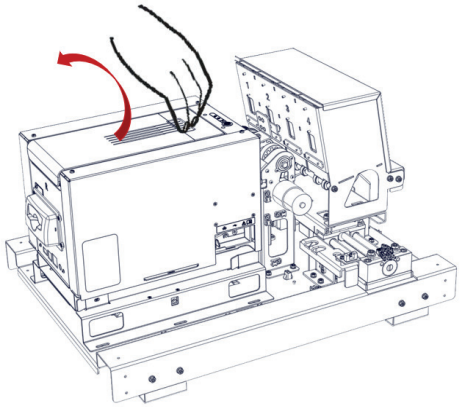
Evolis original High Trust® ribbons optimize the operation of your printer and avoid causing damage to it. The use of third-party ribbons may damage your printer and will void the manufacturer's warranty for the printer.

For optimum print quality, Evolis recommends that the printer is fully cleaned every time the ribbon is changed. See the Servicing chapter of this manual.

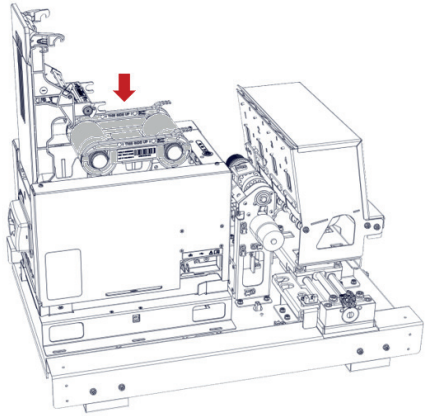
Fitting the ribbon

NOTE

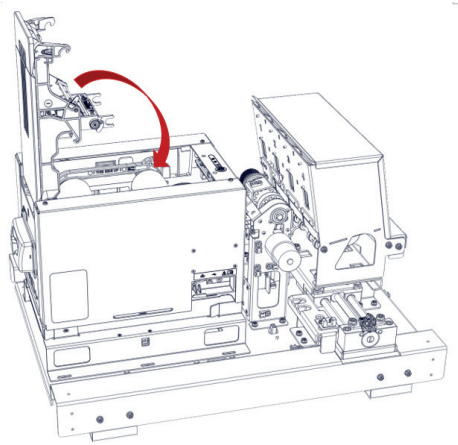
The printer automatically recognizes the ribbon inserted.



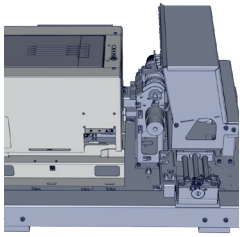
Open the cover.



Insert the ribbon as shown.



Close the cover and press until you hear a click.



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Cards

NOTE

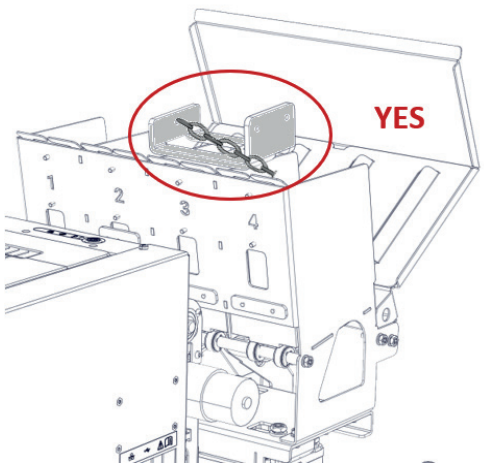
For optimum quality, the cards used must be ISO 7810 certified.
Use only the card types recommended by Evolis.
Avoid touching the printable surface of the cards in order to preserve print quality.
Do not use cards that have been damaged, folded, embossed, or dropped on the floor.
Cards may be stuck together due to static electricity – avoid touching the card surface when separating them.

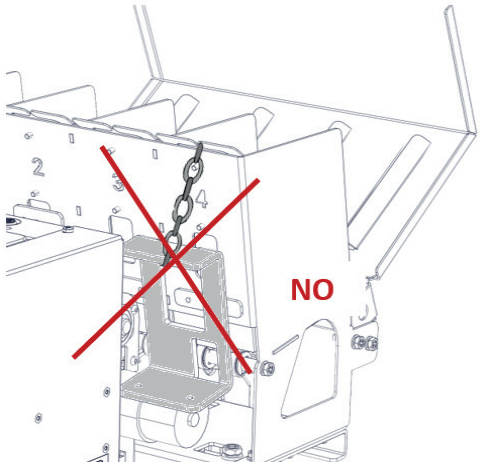
Storing new cards

Keep your cards protected from dust in their original packaging.

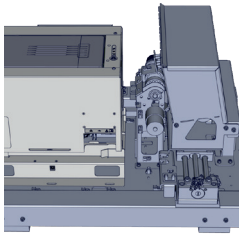
Inserting the cards

1 Open the feeders cover.
2 Place the weight of one feeder above the other feeders (as indicated in the picture).



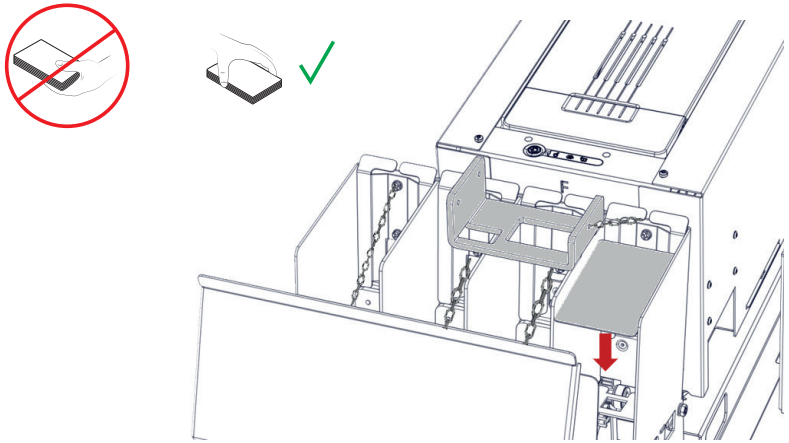


The printer accepts 0,76 cards thickness.



KC MAX

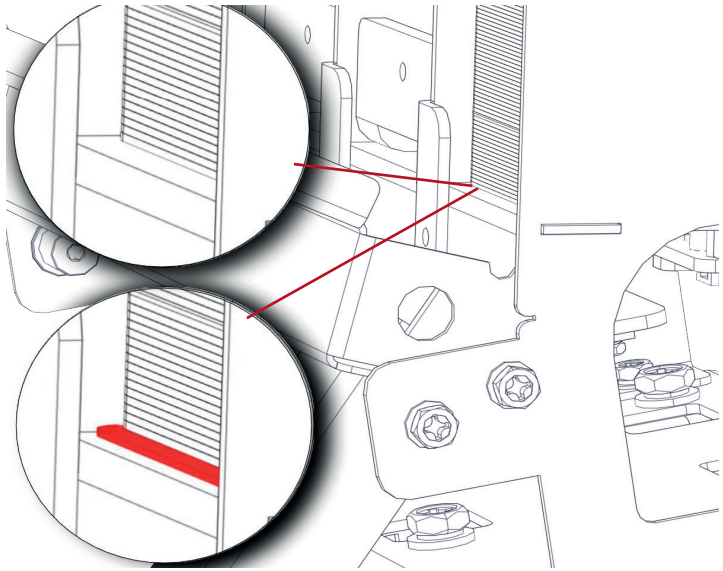
3 Insert the cards in the feeder. Hold the cards as shown on the diagram.

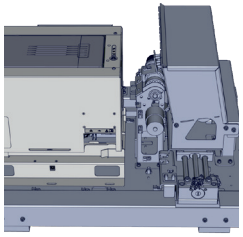


Make sure that all cards on the bottom of the stack are aligned with the other cards.
When cards are inserted too far or not far enough in the feeder, issues with their loading may arise (card jamming or no loading).

Cards are inserted and aligned in an adequate way

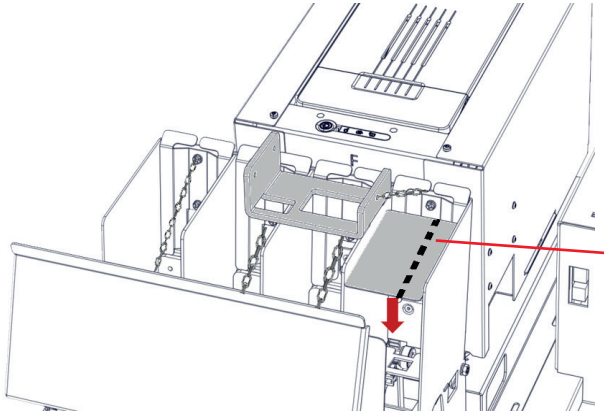
Cards are not inserted far enough in the feeder



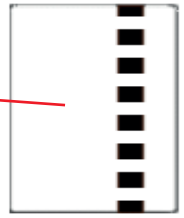


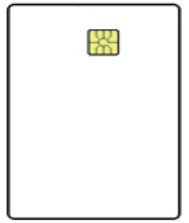
KC MAX

Magnetic/contact/contacless cards are inserted with the stripe or chip on the right side of the feeder.

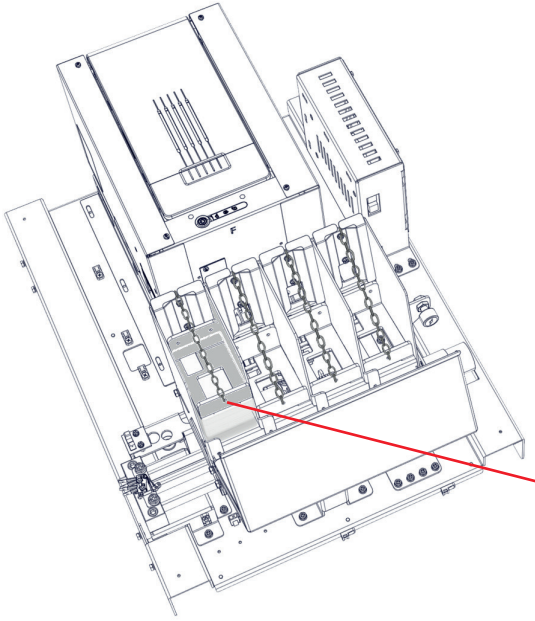


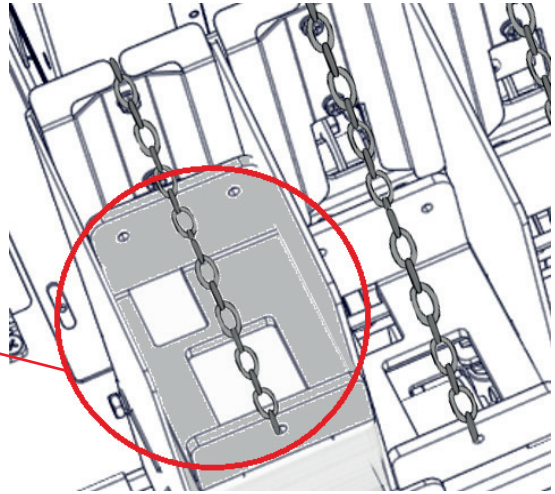
Magnetic stripe must be under the card.
Contact chip must be on the top of the card.





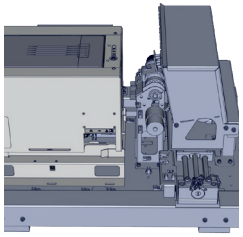
4 Place the weight back on the cards as indicated.





Pay attention to the position of the weight chain.

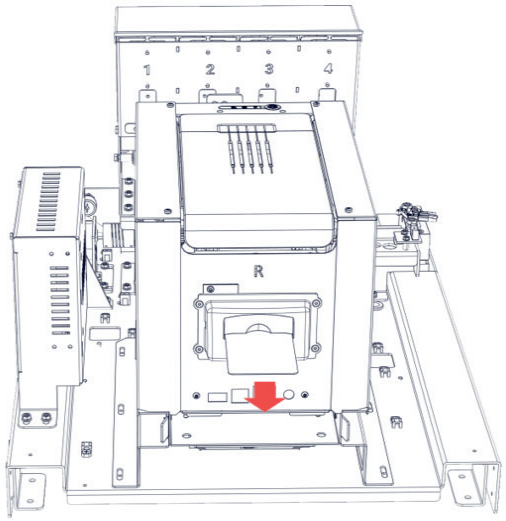
5 Repeat the same procedure for each feeder.



KC MAX

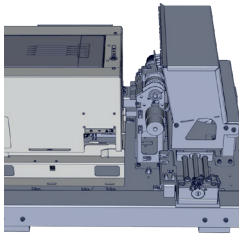
Removing printed cards

Once the print cycle is complete, the printed and/or encoded card is issued through the bezel.



NOTE

It is possible to change the setting for the card exit/ejection of defective cards. Please contact your Evolis contact for more details.



KC MAX

2.SERVICING

GENERAL WARRANTY INFORMATION

Comply with the instructions given below to ensure that your printer runs satisfactorily.

Keep your warranty cover!

> The manufacturer's warranty is subject to strict adherence to the routine servicing and maintenance instructions, and in particular the printer cleaning cycles.

Any failure to follow the servicing procedures described in this chapter will void the print head warranty.

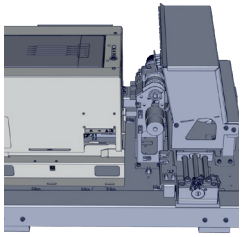
Evolis declines any liability where there has been a failure to carry out required maintenance on the printer.

The print head is a wear part and an extremely sensitive component of the printer. Its useful life can be seriously curtailed by the presence of dust, liquids or solids in the printer's immediate environment, on the print head or on the cards. The user must take all necessary precautions to insert into the printer only clean, dust-free cards that are free of foreign bodies.

The frequency and quality of cleaning are decisive factors enabling users to extend the print head's useful life and to ensure excellent print quality. Particular care must therefore be taken with cleaning. The user must comply with the servicing and maintenance instructions given in this section.

In addition, the use of Evolis brand ribbons (Evolis High Trust®) also ensures that your equipment operates properly. The use of non-Evolis approved ribbons can therefore affect the quality and reliability of printing jobs, lead to poor quality printing, and even affect the operation of the printer. The manufacturer's warranty does not cover physical damage or quality problems caused by using non-Evolis approved ribbons.

Evolis supplies servicing items and consumables. You can find them on the website **myplace.evolis.com**.



KC MAX

PRINTER CLEANING

Printer servicing

The print head warranty is directly linked to routine cleaning of your printer.
If you do not carry out this cleaning at the required times, the print head warranty will cease to be valid.

NOTE

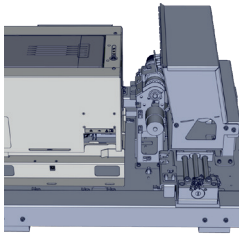
Recommended cleaning cycle: whenever the ribbon is changed.
Mandatory cleaning cycle: when the cleaning warning is triggered.
Servicing accessory: pre-soaked T-shaped card and adhesive cleaning card.

Your printer is fitted with a cleaning warning system, which is triggered after a certain number of cards have been inserted.
You should proceed with the advanced cleaning of your printer as soon as the warning is triggered.
If you continue to run the printer despite the warning and if the warning light remains lit, the print head warranty will be automatically voided because of failure to comply with contractual maintenance obligations.

In clean environments:

Printer cleaning required after: (warning light flashing)	**Number of cards remaining before warranty voided: (warning light flashing)**	**Warranty invalid after: (warning light steady)**
1000 cards	200 cards	1200 cards

In dusty environments, we strongly recommend to perform the cleaning after 500 cards.



Evolis provides an Evolis High Trust® maintenance kit consisting of 2 adhesive cards, 2 pre-soaked "T" shaped cards, a cleaning pen, and a box of wipes. The "T" shaped cleaning card is used to clean the transport rollers and the magnetic encoder head. Please go through the following steps to validate cleaning.

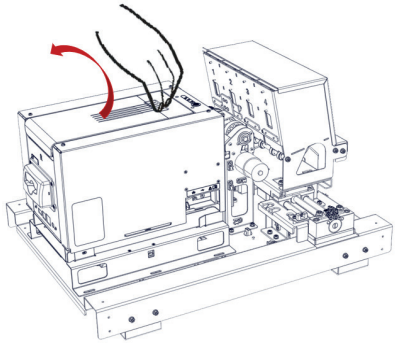
KC MAX

NOTE

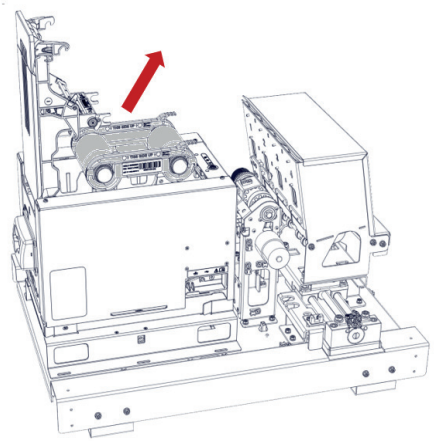
Servicing accessory: pre-soaked "T" shaped card and adhesive card.

Follow the procedure below:

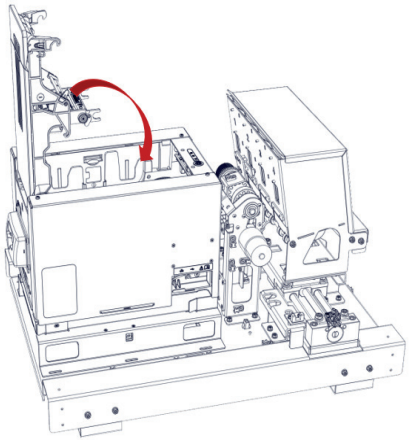
1. Open the printer cover.
2. Remove the ribbon.
3. Close the cover and check it has clicked shut.



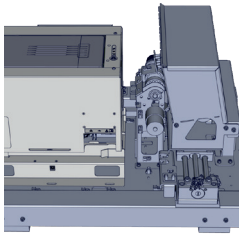
1



2

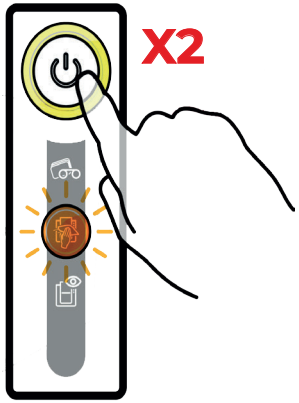


3

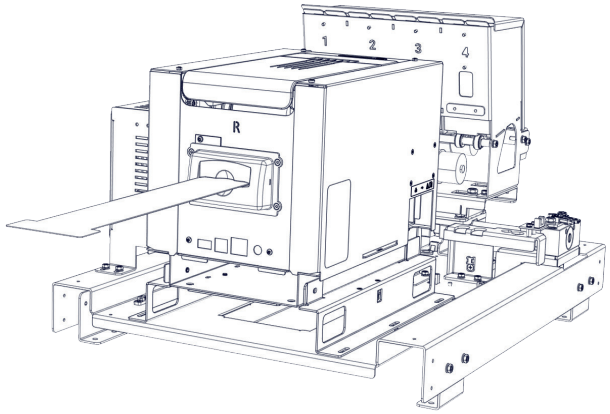


KC MAX

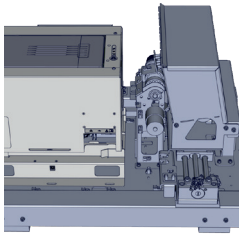
4 Double-click the control button before inserting the cleaning card.
5 Take the "T" shaped cleaning card and insert it in the bezel. Do not insert the card too deeply: the printer quickly detects it and cleaning starts.
6 Once cleaning is finished, remove the "T" shaped card.



4



5

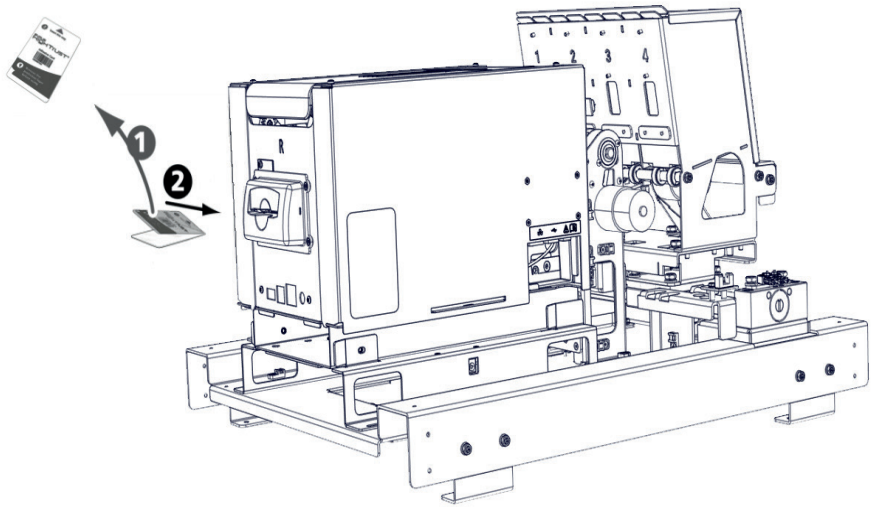


KC MAX

7 Remove the film from the adhesive card ❶ and insert the cleaning card adhesive side up ❷, in the bezel. Cleaning starts.

8 Once cleaning is finished, remove the adhesive cleaning card.

7



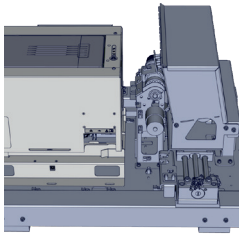
Note the "T" shaped card must be used immediately after the bag is opened.

NOTE

Wait for 2 minutes after cleaning before using your printer.

If the terminal is in a dusty environment, we recommend that you place a protective cover on the printer to limit exposure to dust, whether the printer is in operational mode or not. For more thorough cleaning, you can also carry out manual cleaning.

The cleaning frequencies recommended by Evolis may be increased depending on the environment in which the terminal is located.



KC MAX

Servicing the Print Head

NOTE

Recommended cleaning cycle: whenever the ribbon is changed.

Servicing accessory: special cotton swab impregnated with isopropyl alcohol or cleaning pen.

To maintain the original print quality and to absorb excess ink on the print head, we recommend that you clean the print head regularly (at each ribbon change and periodic cleaning) using the cotton swabs provided by Evolis. You must also protect the print head and its components from any electrostatic discharge.

Follow the cleaning cycles scrupulously.

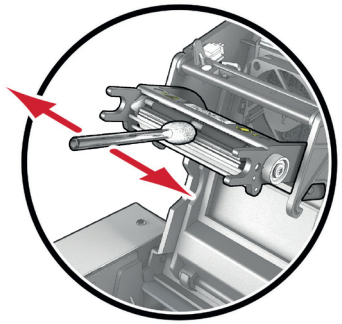
Avoid any contact between the print head and any metal or sharp objects.

Avoid touching the print head directly with your fingers, as this could affect print quality or permanently damage the print head.

Follow the procedure below:

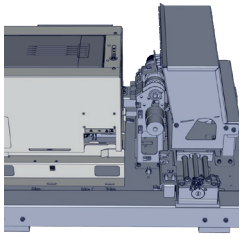
1. Take an Evolis cotton swab and press the middle of the tube until the end of the swab is soaked in alcohol.
2. Open the cover and locate the print head.
3. Gently rub the swab from left to right along the print head for a few seconds.
4. Close the cover.





NOTE

Wait for 2 minutes after cleaning before using your printer.



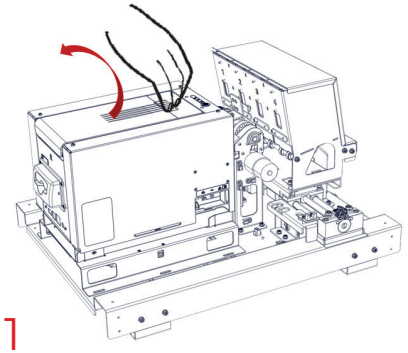
KC MAX

Maintenance of the dust filter

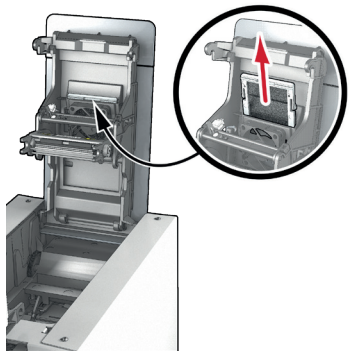
The dust filter is located above the ventilator for the print head. This filter can get dirty over time. We recommend cleaning it once a year or after 10,000 cards, depending on your work environment.

1. Open the printer cover. Locate the dust filter.
2. Remove the filter by pulling it up and sliding to release it completely.
3. Once the filter has been removed from its place, take one of the cleaning wipes supplied by Evolis.
4. Clean the filter by wiping each side of it.
5. To put it back, insert it in place (groove facing you) and push it down until it clicks into position.
6. Close the cover.

1



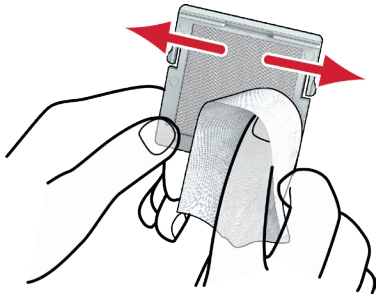
2



3



4



5



6

