ColorFlare CF2500
Automatic laminator and foiler

Operating Instruction

Read this manual carefully before you use this product and keep it handy for future reference.
For safety, please follow the instructions in this manual.

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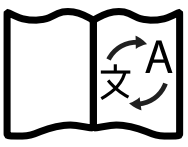
Date: 27 April 2026



Scan the QR code to access translated versions of this manual in German, Italian, French, and Spanish.

Visit https://plockmaticgroup.com/myfinisher/cf2500/ to view the manual in your preferred language.

Introduction

This manual contains instructions on the operation and maintenance of this machine. To get maximum versatility from this machine all operators should carefully read and follow the instructions in this manual. Keep this manual in a handy place near the machine.

Please read the Safety Information before using this machine. It contains information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

How to read this manual

Notation conventions

Whenever necessary, the following points for attention are indicated in this manual.

Warning:
Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

Caution:
Indicates a potentiality hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to machine or property.

Notes

NOTE: A NOTE message tells you additional useful and important information about a procedure. It is recommended that you read notes.

Safety Information

When using this machine, the following safety precautions should always be followed.

Safety during operation

Warning:

- Do not expose body parts, loose hanging hair or clothing to moving, rotating or cutting parts.
- If any adjustment or operation check has to be made with exterior covers off or open while the main switch is turned on, keep hands away from electrical or mechanically driven components.
- Note that components of the system and peripherals can be supplied with electric voltage even if the main power switch is turned off and the power cord is disconnected.
- To avoid hazardous situations like for instance electric shock or danger while exposed to moving, rotating or cutting devices, do not remove any covers, guards or screws other than those specified in this manual.
- Turn off the power and disconnect the power plug (by pulling the plug, not the cable) if any of the following conditions exists:

  - Objects are dropped into the equipment.
  - Liquids are spilled inside the equipment.
  - You suspect that your equipment needs service or repair.
  - Covers are damaged, loose or missing.
  - You notice unusual noises or odors when operating the equipment.
  - If the power cable or plug is worn out or otherwise damaged.
  - Before cleaning and care (unless otherwise specifically instructed).

- Do not remove covers or guards that are fastened with screws.
- Machines with open (non-covered) automatic sheet feeders pose a crush/pinch hazard. Keep away from these areas when the machines are operating.
- Machines with exposed cutting carriages and heads pose a crush/pinch hazard. Keep away from the moving carriages and ensure that these machines are inaccessible to children during operation.
- Never leave these units switched on without supervision.
- If an emergency stop button is on the machine – do not use the button for regular operation. It is designed for immediate stop solely for emergency situations to ensure the safety of all individuals involved.
- Electromagnetic compliance:

  - This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

General safety

Warning:

- This equipment is not suitable for use in locations where children are likely to be present.
- Only connect the machine to a mains power supply of the correct voltage with a good earth connection; as advised by your service engineer at the time of installation. Improper Earthing of the equipment can result in electrical shock. The correct machine voltage is shown on the label at the mains power supply input on the rear of the machine. If the machine is connected to the wrong supply, the warranty is cancelled. This machine is destined for specific purpose only. Any use going beyond this specific purpose is regarded as beyond the determination. The manufacturer will not be liable for damages resulting from any use beyond the determination, unallowed operation, respectively. The user alone bears the risk.
- Do not make arbitrary changes or modifications to the machine. The manufacturer will not be liable for modifications made to the machine on your own and damages resulting thereof. The EU/UK Declaration of Conformity and the CE/UKCA mark will be invalidated if you make changes to the machine or to the individual components.

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General safety, continued

- Operators are never allowed to override or bypass electrical or mechanical interlock devices. Trained technicians are allowed to use interlock cheaters only when instructed to do so. Do not expose fingers or other parts of the body to moving, rotating, or cutting devices when running the machine with the interlock cheater installed. Do not wear ties, lanyards or other things that might get trapped into the rollers and cause injuries. Do not change, adjust, or tamper with the safety interlock devices fitted to the machine. Machine including UV-Light should never be bypassed by operator or trained technicians. Permanent eye damage could occur.
- The machine is to be used only by authorized and instructed persons. The responsibility on operating the machine must be strictly laid down and observed so that there are no unclear competences regarding safety aspects.
- Vent holes serve for air circulation to protect the machine from overheating. Make sure that the holes are not covered.
- Always locate the equipment on a solid support surface with adequate strength tor the weight of the machine. Make sure the machine is located on a level floor and that there is enough work area around it.
- To protect against fire hazard, replace fuses with those of the same type and rating. Do not change fuses before the machine is disconnected from the main power supply. Refer to the product's documentation for the correct procedure.
- Do not expose the equipment to sudden temperature variations that can cause condensation.
- Operators and technicians must be familiar with the safety information detailed in this safety pamphlet and in the product's documentation.
- To avoid hazardous situations, like for instance electric shock or danger while exposed to moving, rotating or cutting devices, do not remove any covers, guards or screws other than those specified in the product's documentation and before the machine is disconnected from the main power supply.
- Always use only the power cord intended for the machine.
- Never connect plugs unless instructed so. Never connect plugs that have a different shape / number of pins.

Caution:

- Always follow all warnings marked on, or supplied with, the equipment.
- When you disconnect the power plug from the wall outlet, always pull the plug (not the cable).
- Disconnect the power cord before you move the machine. While moving the machine, always exercise care and make sure that the power cord will not be damaged under the machine.
- Do not move the machine while the machine is running.
- Do not open covers while the machine is running.
- Do not switch off the power while the machine is running. Make sure the machine cycle has ended.
- Lay the power cord in a way that nobody will stumble over it. Do not place things on the cord.
- Never attempt any maintenance function that is not specifically described in this documentation.
- Always keep magnets and all devices with strong magnetic fields away from the machine.
- If the place of installation is air-conditioned or heated, do not place the machine where it will be:
  - Subject to sudden temperature changes.
  - Directly exposed to cool air from an air-conditioner.
  - Directly exposed to heat from a heater.
- If the machine is not used over an extended period of time it should be unplugged to prevent damage in the case of overload.
- Do not operate the equipment if you notice unusual noises or odors. Disconnect the power cord from the power source and call your authorized technician to correct the problem.

NOTE:

- The indications like front and rear refer to the paper transport direction.
- The operator manual always has to be available at the place of use of the machine.
- In the interest of technical development the company reserves the right to make alterations to specifications without prior notice.

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Safety measures

Please read the information and safety measures carefully prior to initial operation of the unit.

- The operator may need to reach into the unit to thread foil or laminate while the main switch is turned on. The machine must NOT be running during this operation. Keep hands away from electrical and moving components, and ensure that loose clothing, ties, hair, and similar items are kept clear of the rollers.
- Never open the casing and do not make any modifications to the unit yourself.
- Do not put liquids or metal objects inside the unit.
- Ensure that the wall socket used is grounded.
- Ensure that the connected voltage (100-240V) does not deviate by more than ±10%. Otherwise install a voltage stabiliser.
- Remove the power plug from the unit if it will not be in use for a longer period of time.
- Never reach into the unit in the vicinity of the chrome roller during the lamination or foiling operation.
- Stop any lamination or foiling jobs in progress before cleaning the chrome roller.
- Always ensure that the chrome roller remains inaccessible to children during operation and never leave the unit or individual parts of it switched on without supervision.
- Always place the unit on a stable base to prevent it from falling down.
- Disconnect from the power supply during thunderstorms; it can be damaged or destroyed by electrical surges caused by lightning.
- Do not touch the chrome roller during operation or while it is still hot.
- Do not lean on the extension table.
- Do not use emergency stop button for regular operation of the unit. The emergency stop button is designed for immediate stop solely for emergency situations to ensure the safety of all individuals involved.
- To reset the emergency stop button rotate it clockwise direction and pull it back upwards to its original position. The emergency stop button should only be reset after addressing and resolving the emergency condition that triggered its activation.

Emergency stop button

Table of Contents

What You Can Do With This Machine

The CF2500 is an all in one automatic feeding solution for both lamination and foiling. With its unique oil roller heating system providing consistent temperatures, lamination results are improved and energy consumption is reduced.

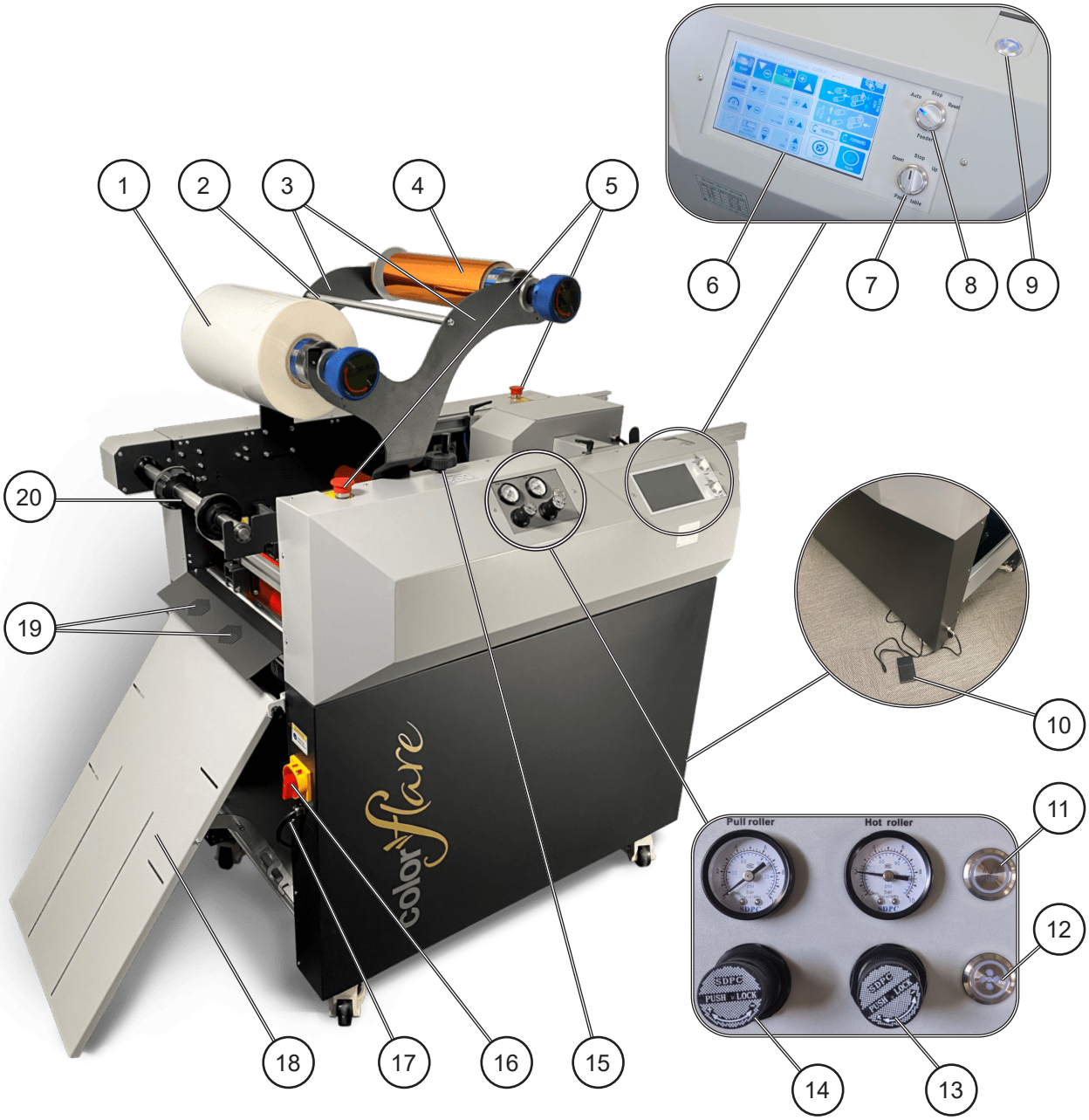
Its simple to set up process offers reliable feeding and speedy production – with fully controllable pressure and heat processes, devised to deliver optimum results with today's print output.

Market leading features:

- Automatic feeding with frontal air suction
- Up to 2,000 SRA3 sheets per hour
- Automatic sheet registration with adjustable sheet overlap
- Self centering sheet guides
- Auto stop function for stack re-loading
- Oil heated, hydraulic pressure chrome roller
- Pneumatic auto burst sheet separation with micro perf wheel
- Adjustable hydraulic pressure for a smooth professional finish
- Electronically adjustable speed and temperature via touchscreen
- Easily adjustable de-curling system

Guide To Components

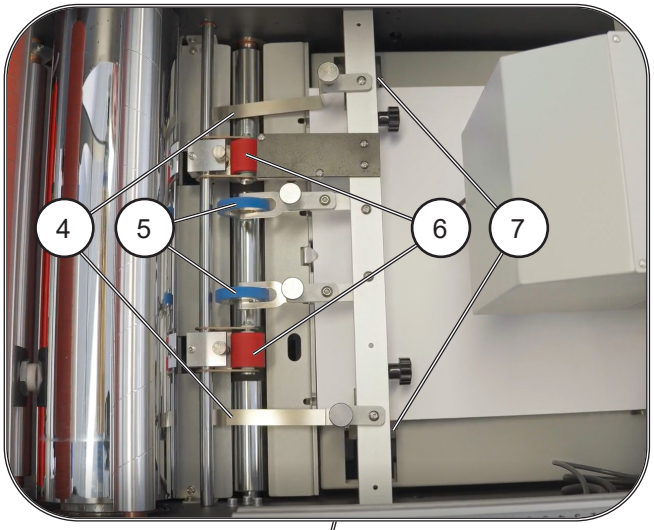
ColorFlare CF2500

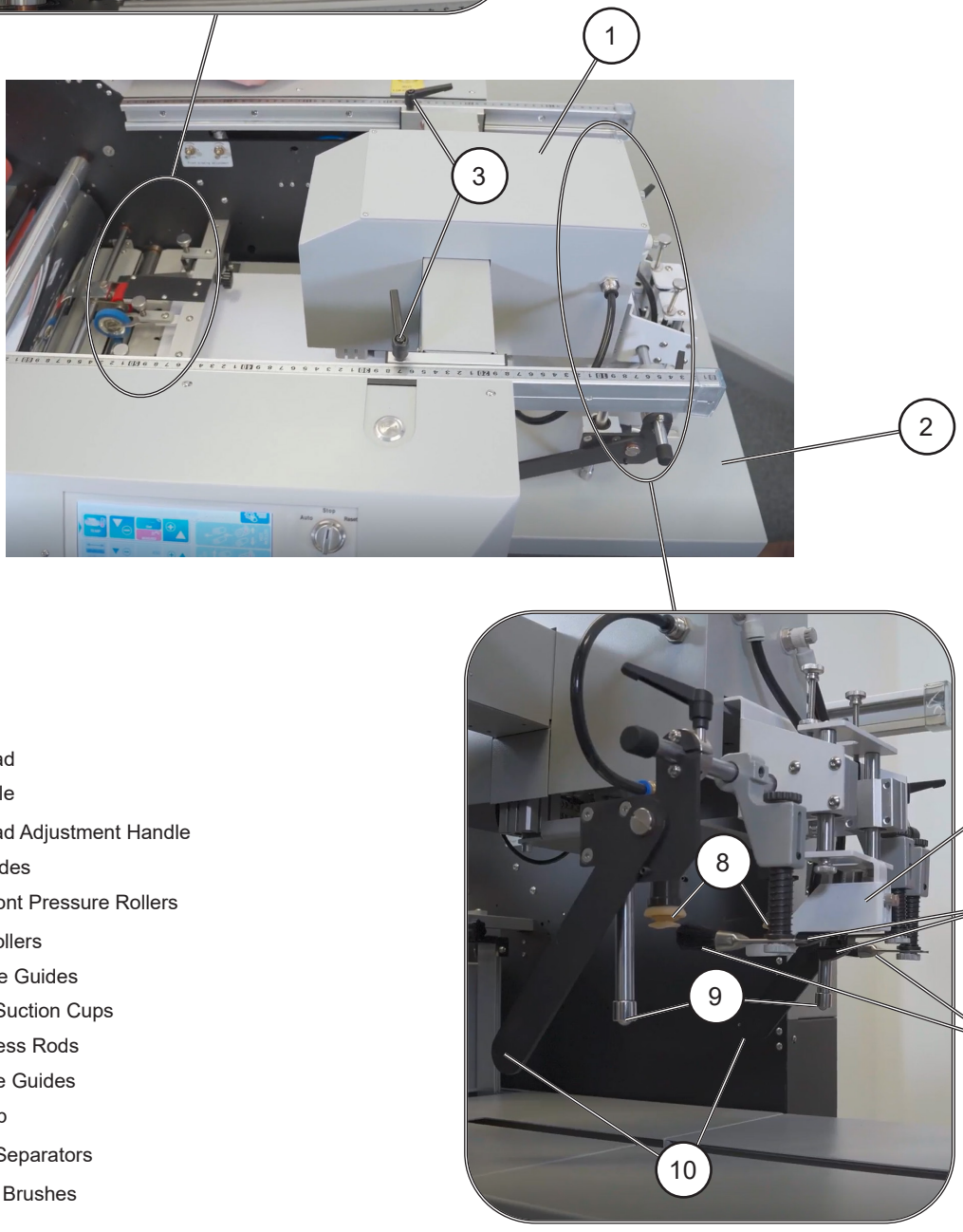


1	Laminating Roller
2	Support Rod
3	Arms
4	Foiling Roller
5	Emergency Stop Switch
6	LCD Touch Panel
7	Paper Table Lifting Switch
8	Feeder Control Switch
9	Vacuum Pump Switch
10	Foot Pedal
11	Air Pump Switch
12	Fan Switch
13	Pressure Regulating Knob For Hot Roller
14	Pressure Regulating Knob For Pull Roller
15	De-Curl Handwheel
16	Power Switch
17	Power Cable Socket
18	Media Catching Tray
19	Fans
20	Foil Take Up Roller

ColorFlare CF2500 Automatic Feeder

See webbing diagram and component list in Section "Webbing for laminate" and Section "Webbing for foil" for details on the exit area following the hot roller.



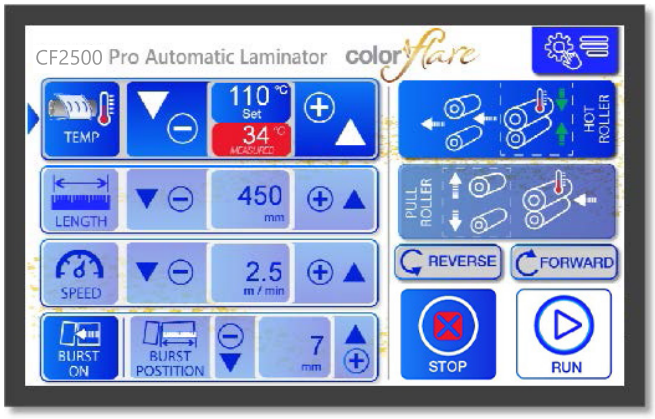


1	Feed Head
2	Feed Table
3	Feed Head Adjustment Handle
4	Feed Guides
5	Media Front Pressure Rollers
6	Clamp Rollers
7	Front Side Guides
8	Vacuum Suction Cups
9	Paper Press Rods
10	Back Side Guides
11	Back Stop
12	Rear Air Separators
13	Antistatic Brushes

User Interface

The ColorFlare CF2500 is controlled from a resistive touch screen type panel. The User Interface will allow you to set up and adjust the CF2500 by pointing at the screen and pressing buttons to change the desired settings.

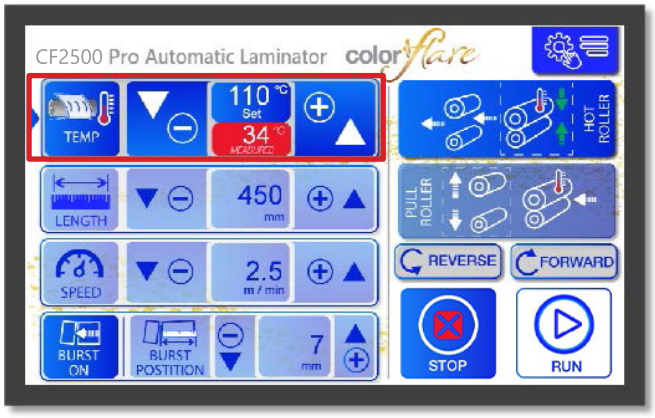
Warning:
If you have powered on the CF2500 laminator using the Power switch, but you do not see anything on the display. Then it is likely the Emergency Stop Switch (EMS) (See section "Guide To Components") has been pressed. To release the EMS function - press and slightly twist the EMS button so it goes back up. Now Power will reach the display and the display will be as shown below.



The Home Screen

When the CF2500 is switched on, the Home screen will be shown.

Here you can adjust all settings used to set up a job or access the Settings menu.



Temperature control

To be able to adjust set temperature, the area must be activated by pressing on the first button [TEMP].

The temperature area shows two values: the **set temperature** at the top and the **actual temperature** at the bottom. If the difference between the actual temperature and the set temperature exceeds 10 °C, the thermometer displays red. If the difference is 10 °C or less, it displays green.

NOTE: Speed can only be increased when the thermometer displays green.

To adjust the set temperature, use the [+] and [-] buttons. Pressing the buttons increases or decreases the temperature by 1 °C. Holding the button for 3 seconds changes the temperature by 5 °C.

The temperature adjustment range is 80 °C - 130 °C. If the set value is below 80 °C, the display shows "---," and heating stops. When the set value is 80 °C or higher, heating begins.

NOTE: During heating, the actual temperature will change as the laminating roller warms up. At first, the temperature might rise about 10 °C higher than the set value. It will settle at the set temperature after about 15 minutes. For the best lamination results, wait until the temperature is stable before starting.

NOTE: The recommended temperature for ColorFlare consumables is 105 °C for laminating and 115 °C for foiling.

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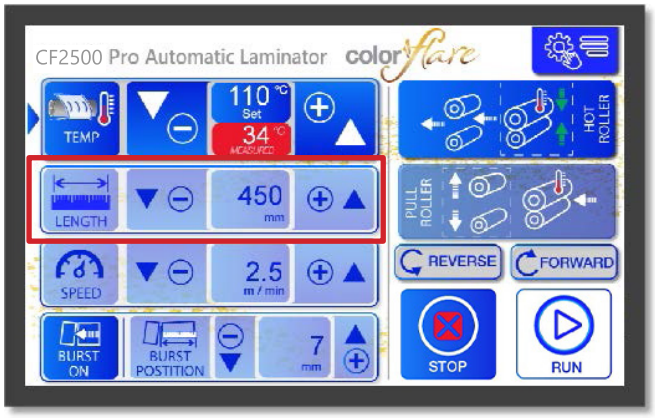
User Interface, continued



Paper length

Press the [LENGTH] button to select the paper length adjustment area. When selected, the area will turn dark blue, allowing you to adjust the value. If the area is light-colored, adjustments are not possible.

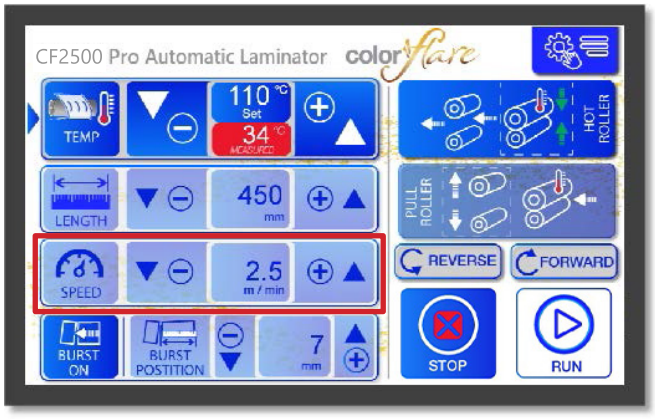
If no action is taken within 10 seconds of selecting the paper length area, it will automatically deselect, and the system will switch back to the temperature area. The paper length value can be adjusted whether the machine is running or stopped.

The machine will remember the last set value even after it is turned off.

Use the [+] or [-] buttons to change the length value. A single press changes the value by 1 mm, while holding the button for 3 seconds changes it in 20 mm steps. The adjustment range is from 200 mm to 1200 mm.

The paper length setting controls the overlap between the front and rear paper sheets. For example, if the actual paper length is 450 mm, setting the display to 450 mm results in no overlap. To create a 2 mm overlap, set the display to 448 mm.

NOTE: It is recommended to set a 2 mm overlap when laminating.
Setting overlap prevents glue from laminate smearing on the rollers and de-curl bar.



Speed

Press the [SPEED] button to select the speed setting area. When selected, the area turns dark blue, allowing you to adjust the speed. If the area is light-colored, adjustments cannot be made.

If no action is taken within 10 seconds after selecting the speed setting area, it will automatically deselect, and the system will switch back to the temperature area.

Use the [+] or [-] button to increase or decrease the speed in steps of 0.5 m/min. The speed range is 1–15 m/min.

NOTE: The burst roller operates at a fixed speed, so adjusting the speed value does not affect its operation.

The speed cannot be adjusted when the actual temperature has not reached the set value. In this case, the machine will operate at a fixed speed of 1 m/min. Similarly, when the machine is stopped, the speed cannot be changed and will display 1 m/min. After starting the machine, it will run at 1 m/min, and the speed can be adjusted during operation.

The machine does not save the set speed. When the power is restarted or the [STOP] button is pressed, the speed resets to 1 m/min. You will need to adjust the speed again after restarting.

NOTE: The recommended maximum speed for foiling is 2 m/min.

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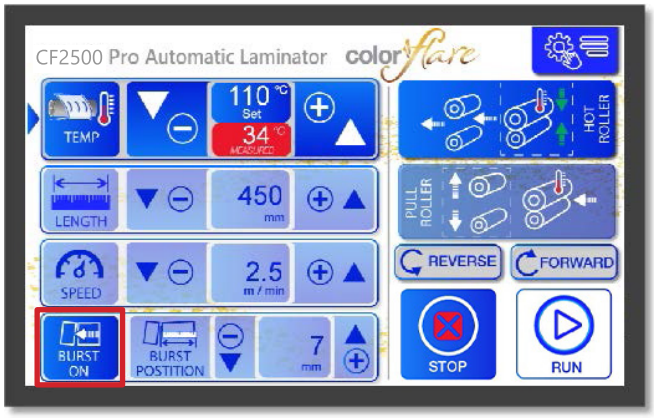
User Interface, continued

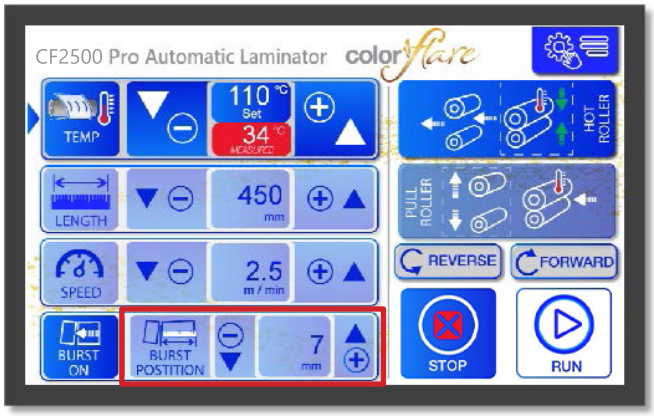


Burst

The machine starts with the BURST OFF as the default. BURST ON is used in lamination to separate the sheets.

To activate sheet separation, press the button to switch to the BURST ON mode. The button will turn dark blue, and the machine will automatically separate sheets.

The button cannot be switched while the machine is stopped. It can only be switched after pressing the [RUN] button.



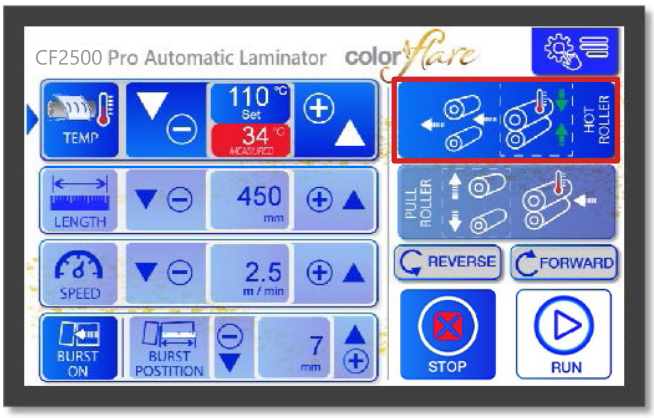
Burst position

Burst position is used to set the breaking distance (or breaking point).

To adjust the value, press the [+] or [-] button to change the value by 1 mm. If you press and hold the button, the value will change by 5 mm at a time.

The range for the breaking value is -40 to +40. A larger value brings the breaking point closer to the burst roller (e.g., +10), while a smaller value moves it farther away from the burst roller (e.g., -10).

The burst position can be adjusted both when the machine is running or stopped, and the last used value is saved after the machine is shut down.



Hot roller

The [HOT ROLLER] button is light blue when the roller is in the open state, and dark blue when the roller is in the closed state. The icon shows the status of the hot roller, as shown in the figure. Press the button to switch between these two states.

The default startup state is open. When you press the [RUN] button, the roller will automatically close, and the machine will begin running. When you press the [STOP] button, the roller will automatically open.

The hot roller can be enabled or disabled manually when webbing film or foil.

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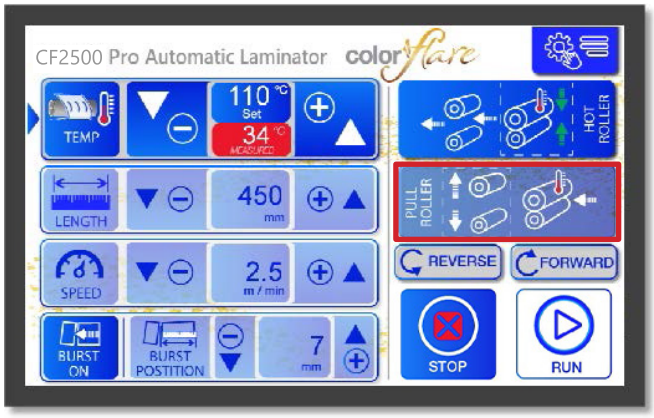
User Interface, continued

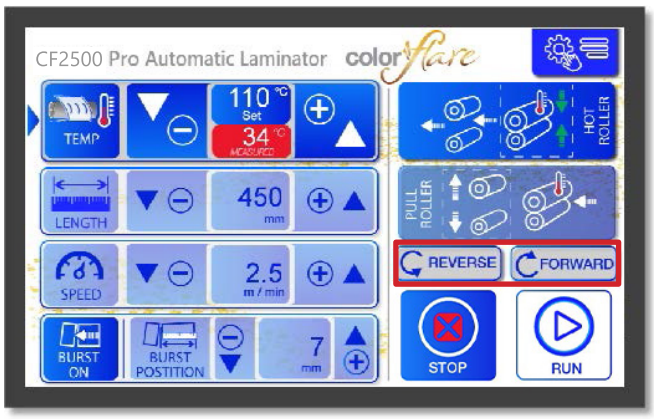


Pull roller

The [PULL ROLLER] button is light blue when the pressure roller is in the open state, and dark blue when the roller is in the closed state. The icon shows the status of the pull roller, as illustrated in the figure. Press the button to toggle between these states.

Upon powering on, the machine will remember the pressure roller's state from the last shutdown. If the roller was closed before shutdown, it will automatically close when turned on again. If it was open before shutdown, it will remain open when powered on.

NOTE: The pull roller should be in the **up** position when foiling and in the **down** position when laminating.



Reverse/Forward (Foot Pedal Actions)

The foot pedal is used to manually forward or reverse sheets in the machine, allowing hands-free operation. It can be used when webbing laminate or foil, clearing paper and material jams, and troubleshooting.

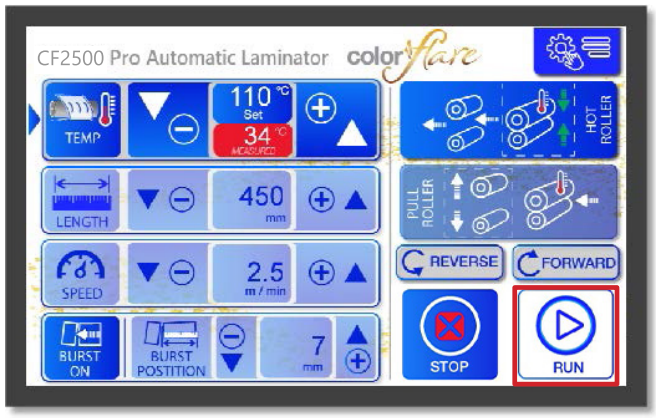
Upon startup, the [REVERSE] button is dark blue by default (selected). When selected, pressing the foot pedal will move the pull roller and heat roller forward/backward (without rotating the burst roller), and releasing the foot pedal will stop the movement.

The machine will operate at the set speed for forward rotation, as configured in the speed settings.

The machine operates at fixed speed of 3 m/min for backward rotation.

Before starting the laminating or foiling process by pressing the [RUN] button, select the [FORWARD] button first so the machine operates in forward motion.

NOTE: The burst roller does not rotate when using the foot pedal.



Run

Upon startup, the [RUN] button is white by default (unselected).

Press the [RUN] button to initiate operation. The hot roller will automatically close.

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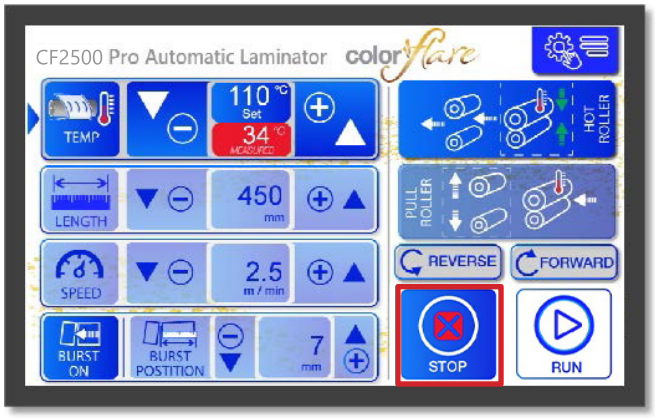
User Interface, continued

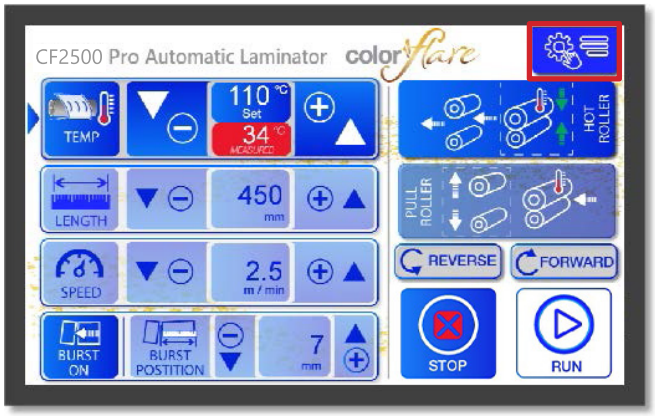


Stop

Upon startup, the [STOP] button is dark blue by default (selected).

NOTE: The hot roller is in the open state when the [STOP] button is selected.

The [STOP] button turns white when the [RUN] button is pressed and the machine is running.



Settings

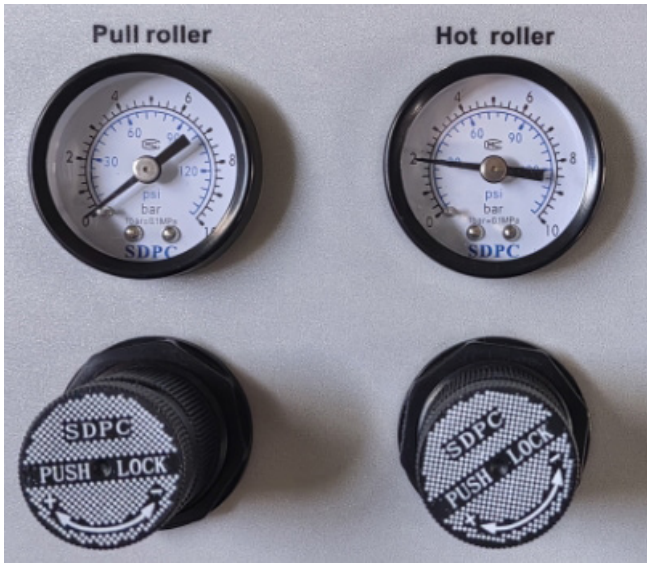
Press the [Settings] button to access the secondary settings menu.

Paper length calibration – this function adjusts the difference between the system's recognized paper length value and the actual measured paper length. The factory has pre-set this parameter, and no adjustment is required by the operator.

Count – tracks and displays the total number of sheets of paper processed by the machine.

Homepage – press [Homepage] button to return to the Home screen.

Pressure Controls



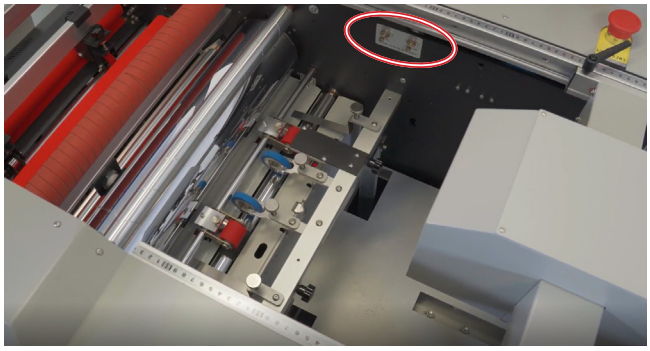
Pull roller pressure settings

To adjust the pull roller pressure, rotate the control knob clockwise [+] to increase pressure, or counterclockwise [-] to decrease pressure. The pressure should be set within the range of 3-4 bar for optimal operation.

Hot roller pressure settings

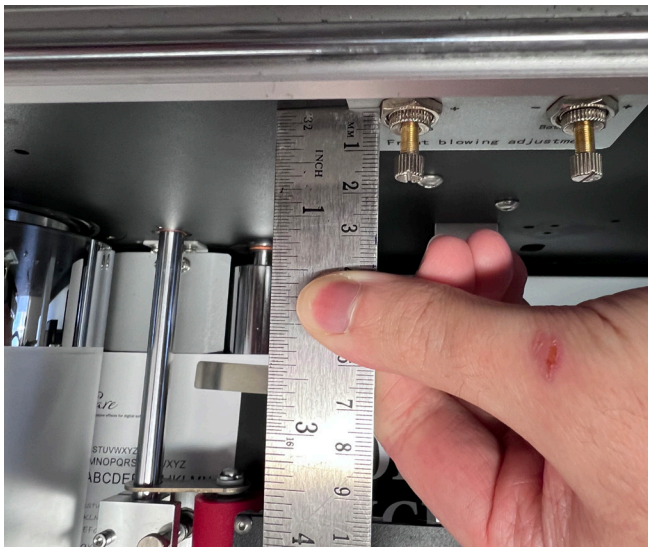
To adjust the hot roller pressure, rotate the control knob clockwise [+] to increase pressure, or counterclockwise [-] to decrease pressure. The pressure should be set within the range of 6-7 bar for optimal operation.

Air Adjustment Knobs



Air adjustment knobs are used for controlling the airflow through the 4 holes along the front edge of the feeder to separate the sheets. One knob, labeled [Middle], controls the air from the two central holes, while the other knob, labeled [Both sides], controls the air from the two outer holes.

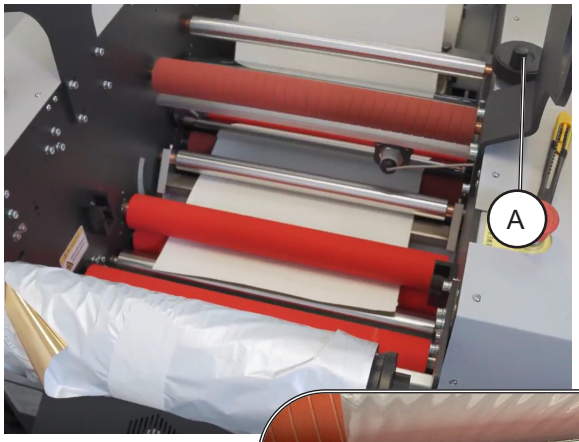
Turning the knob clockwise opens the solenoid valve, allowing more air to flow. Turning it counterclockwise closes the valve, reducing the airflow from the holes.



NOTE: It is not recommended to adjust the front separation valves, as this is factory-set. If you feel an adjustment is necessary, please consult your dealer before making any changes.
If you have already adjusted the valves and need to restore the defaults, you can reset the screws as shown. Use a ruler to measure from the frame to the flat edge of the screw, and set the screw to 18 mm from the frame. This will bring you close to the factory settings.

Laminator Adjustment Controls

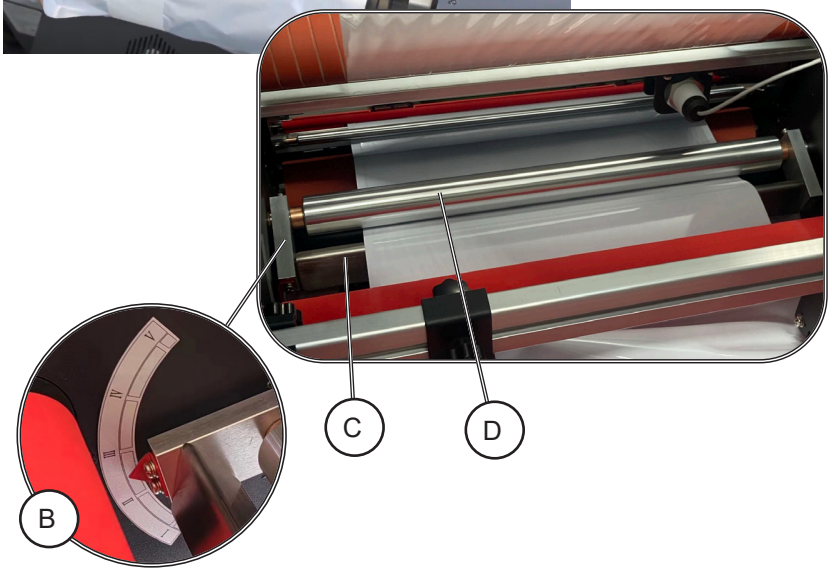
De-curl adjustment



A de-curl bar is used to straighten or flatten sheets of paper or material that have become curled or warped during the lamination/foiling process.

Turn the handwheel [A] clockwise to raise the de-curl bar and increase the de-curl, or counterclockwise to lower it and reduce the de-curl. An arrow [B] on the de-curl bar shows the de-curl scale from I to V.

NOTE: If the media is curling up at the ends, increase the de-curl value. If the media is curling down at the ends, the de-curl value is too high and should be decreased.



NOTE: Ensure the media passes over the de-curl bar [C] and under the de-curl roller [D] as shown.

Film tension adjustment

Use the film tension adjustment handwheel [E] to control the tension of the film on the laminating roller. Adjust the tension if the film is too tight to prevent shrinking or stretching when passing over the hot roller, or if it is too loose to avoid it getting caught in the rollers.

Turn the tension adjustment handwheel clockwise to increase tension on the laminating roller, or counterclockwise to decrease it.

Adjusting axial position of film roll

Tightening handwheel [F] is used to secure the film roll on the laminating roller.

Turn the handwheel clockwise (+) to increase grip or counterclockwise (-) to loosen, ensuring the roller is firmly placed and does not shift left or right.

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Laminator Adjustment Controls, continued

Foil tension adjustment

Use the foil tension adjustment handwheel [G] to control the foil tension on the foiling roller. Adjust the tension if the foil is too tight to avoid stretching or tearing, or if the foil is too loose to prevent it from getting caught in the rollers.

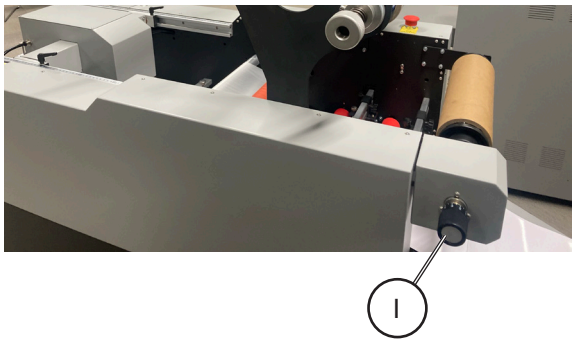
Turn the tension adjustment handwheel clockwise to increase tension on the foiling roller, or counterclockwise to decrease it.

Adjusting axial position of foil roll

Tightening handwheel [H] is used to secure the foil roll on the foiling roller.

Turn the handwheel clockwise (+) to increase grip or counterclockwise (-) to loosen, ensuring the roller is firmly placed and does not shift left or right.

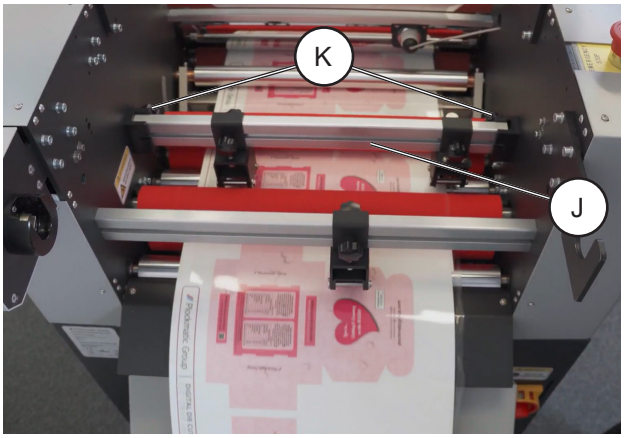
Foil take up roller tension adjustment



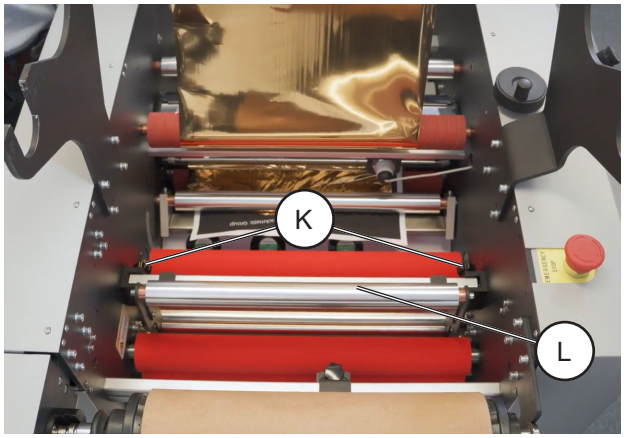
Tension adjustment knob [I] is used to adjust the tension of foil on foil take up roller. Use the handle when foil tension is too loose or tight.

Turn the tension adjustment knob clockwise to increase tension on the foil take up roller, or counterclockwise to decrease it.

Laminating/foiling bar installation



Laminating bar with skew wheel and perforation wheel [J] is used in laminating process to help separate laminated sheets. Insert the bar in the brackets as shown and tighten screws [K] (2x) on each side.



The foiling bar [L] is used to guide the foil onto the foil take-up roller. Place the bar in the brackets as shown and tighten screws [K] (2x) on each side.

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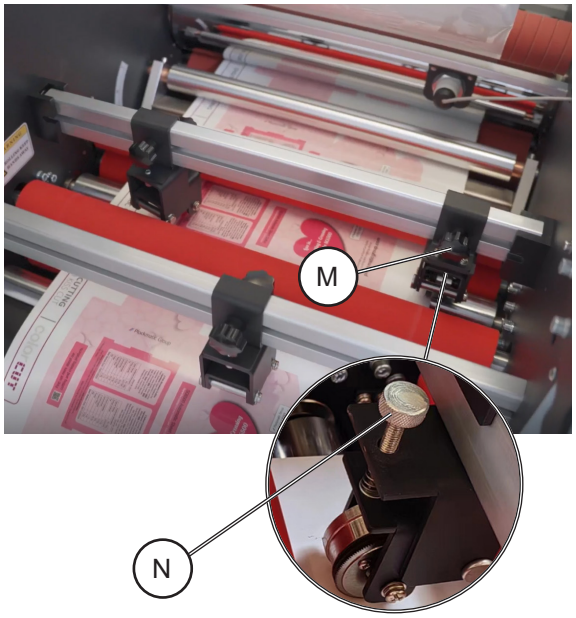
Laminator Adjustment Controls, continued

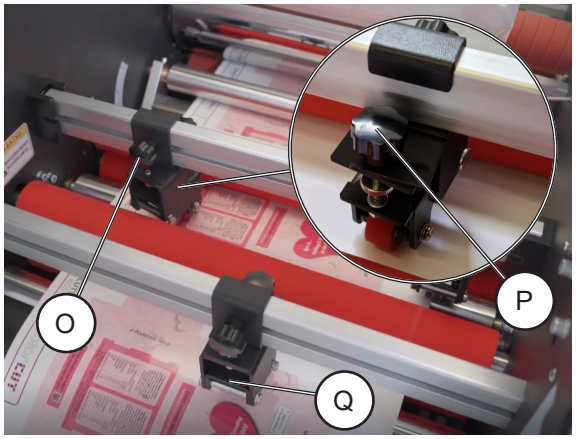
Perforation wheel adjustment



The perforation wheel weakens the laminate, so when pressure is applied by the burst roller, it causes the laminated sheets to separate cleanly.

Loosen the fastening screw [M] to adjust the position of the perforation wheel. Move it along the support bar so that the perforation wheel is about 5-8 mm from the edge of the film. Then, turn the pressure adjustment screw [N] clockwise to lower the perforation wheel and increase the pressure. The pressure should be increased until track marks are visible on the media from the perforation wheel.

Skew wheel adjustment



The skew wheel applies sideways pressure and tension to the laminate, helping to separate sheets when the burst roller engages.

Loosen the fastening screw [O] to adjust the position of the skew wheel. Move it along the support bar to the desired position. Next, adjust the angle of the skew wheel. Loosen the screw [P], then rotate the bracket to set the desired angle. Once the angle is set, lock it in place.

NOTE: The angle of the skew wheel should be adjusted based on the thickness of the sheet. For thinner sheets, use a smaller angle; for thicker sheets, use a more inclined angle.

Exit transport wheel

The exit transport wheel [Q] guides the media into the media catching tray and should be positioned 150 mm from the right edge of the sheet.

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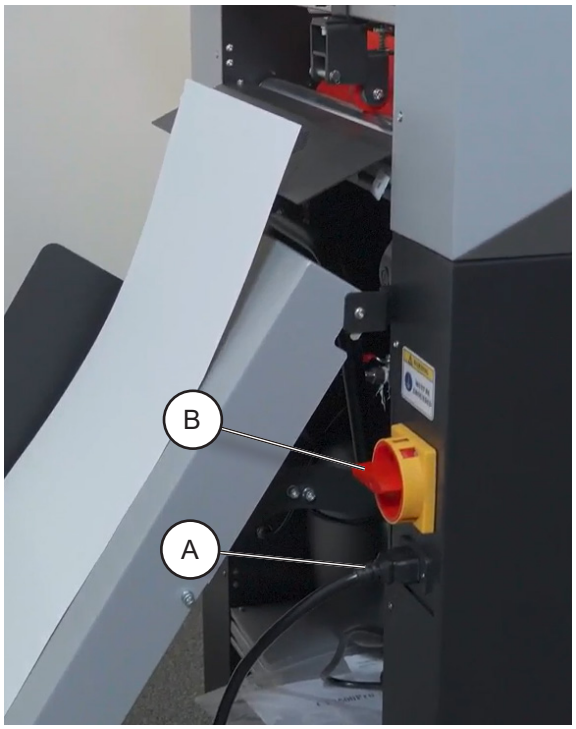
1. Basics

Turning On / Off the Main Power

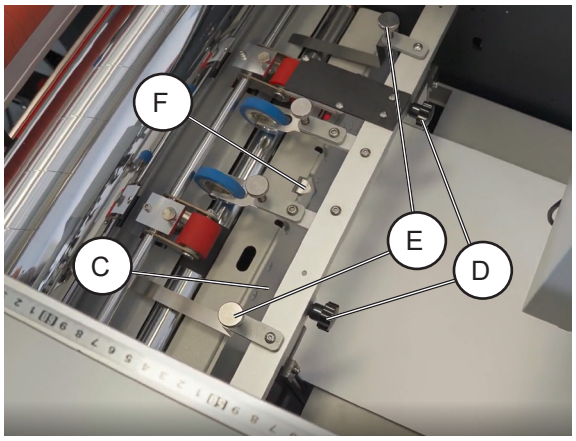


1. Insert power cord [A] into the power socket of the machine. Make sure that the CF2500 power cord is plugged into a grounded wall outlet.
2. Rotate the power switch [B] clockwise to “ON” position.

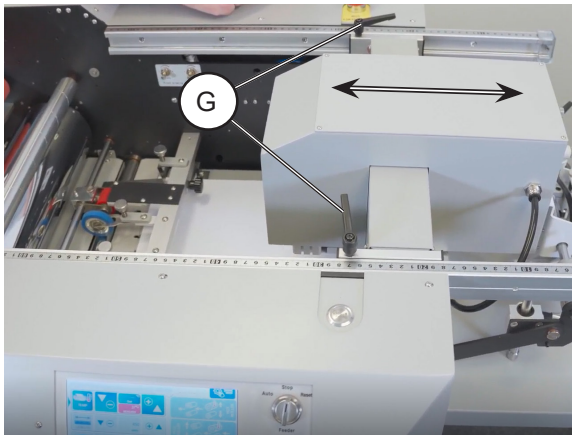
NOTE: If the machine does not turn on, it is likely that the Emergency Stop Switch (EMS) has been pressed. To release the EMS function - press and slightly twist the EMS button so it goes back up.

Loading paper

1. Lower the feed table by turning the Paper table lifting switch [A] to [Down] (the Feeder control switch [B] should be turned to [Stop]).



2. Take a stack of printed paper and place it on the feed table.
3. Ensure the paper is centered and pushed against the front wall [C].
4. Loosen the knobs [D] (2x) to align the front side guides with the edges of the paper stack, and tighten the knobs [D] (2x) when aligned. Ensure the guides are not too tight and the sheets can move freely.
5. Adjust the pressure of the feed guides using the screws [E] (2x). As long as the feed guides are not too tight and the sheets can move freely, they are adjusted correctly. If the sheets begin to get stuck at the rear of the feed guides, loosen the pressure adjustment screws [E] (2x).
6. Turn the Paper table lifting switch to [Up] to raise the table. The table will automatically stop when the paper reaches the limit sensor/front stop [F].
7. Turn the Paper table lifting switch to [Stop].



8. Loosen the feed head adjustment handles [G] to move the feed head forward or backward.

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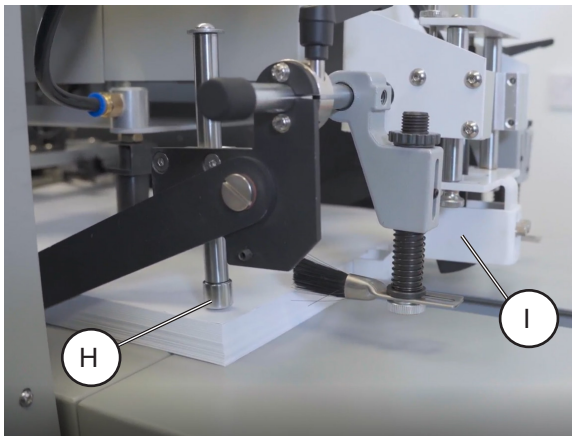
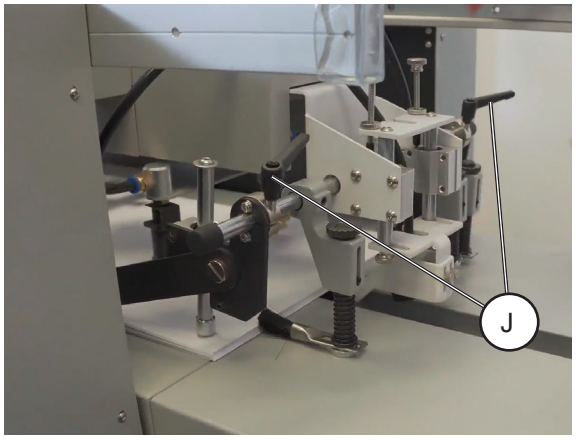
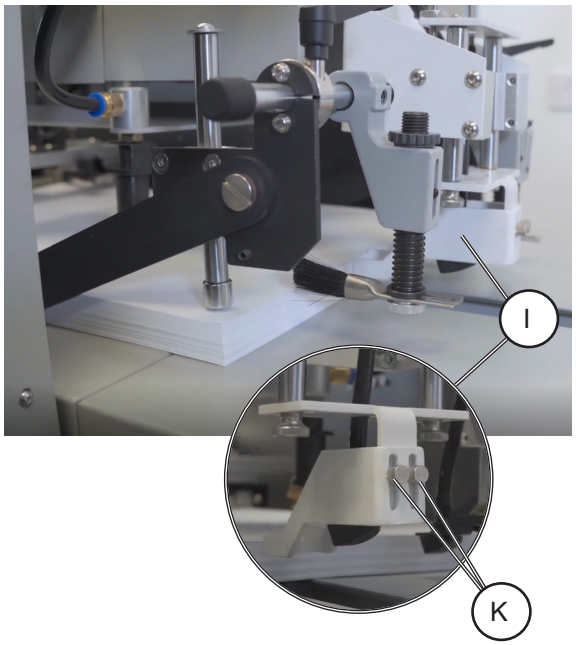
Loading paper, continued



9. Lift the paper press rods [H] (2x) on each side of the feed head and move the feed head simultaneously, so the back stop [I] is against the paper stack and the paper press rods rest on top of the stack. Tighten the feed head handles [G] (2x) once the paper press rods are resting on the corners of the paper stack, and positioned vertically.



10. Loosen the handles [J] (2x) to align the back side guides with the edges of the paper stack, and tighten the handles [J] when aligned. Ensure the guides are not too tight and the sheets can move freely.



11. In the unlikely event that the factory-set default position of the back stop [I] needs adjusting, loosen screws [K] (2x) to adjust its height to match the height of the paper stack.

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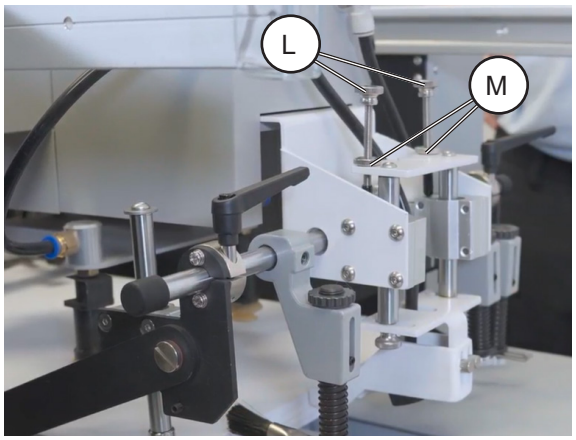
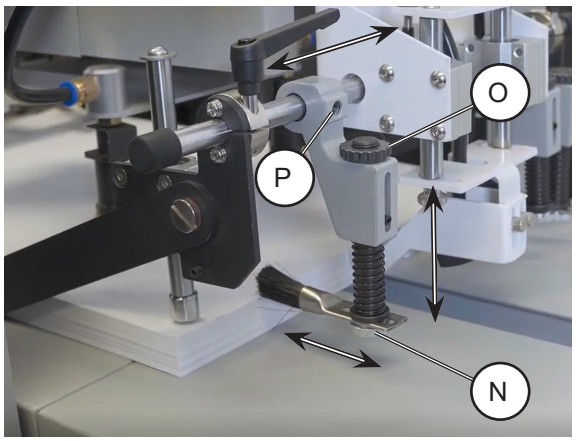
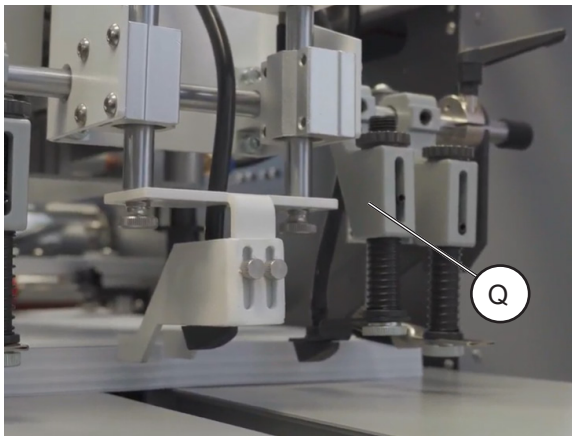
Loading paper, continued



12. In the unlikely event that the factory-set default position of the rear air separator (See section “ColorFlare CF2500 Automatic Feeder”) needs adjusting, turn the rear air separator adjustment screws [L] (2x) clockwise to raise the air separator, or counterclockwise to lower it. Before adjusting, loosen the nuts [M] (2x), then tighten them after making the adjustment.



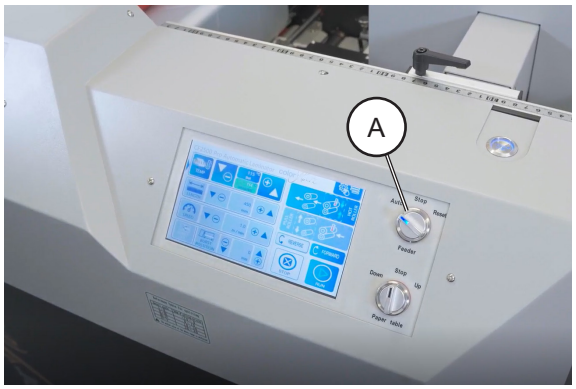
13. Loosen screws [N] (2x) on each side to move the antistatic brush forward or backward so it is slightly pressed against the vertical edge of the paper stack.
14. Loosen nuts [O] (2x) on each side to adjust the height of the antistatic brushes, and tighten them when adjusted as shown.
15. Loosen screws [P] (2x) on each side to move the antistatic brush left and right. If using narrower media, you may need to move it closer to the feed head.



16. The additional air separator [Q] can be adjusted the same way as the antistatic brushes, but it is recommended to leave it at the default setting.

Starting / stopping the laminator

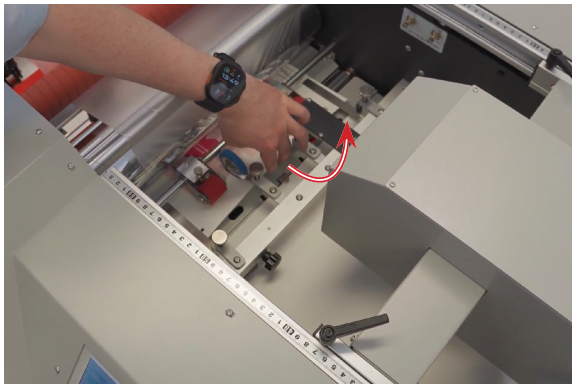
Starting the laminator



Starting

If there is no media in the machine from the previous run:

1. Turn the Feeder control switch [A] to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area.
2. Press the [FORWARD] button and then select [RUN] on the screen to start laminating/foiling.

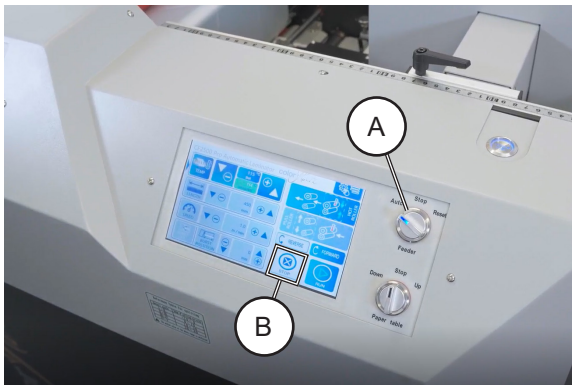


Restarting after a pause

If there is media in the machine from the previous run:

1. Lift the sheet as shown. While holding the sheet up, turn the Feeder control switch to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area, underneath the sheet from the previous run.
2. Press the [FORWARD] button and then select [RUN] on the screen to start laminating/foiling.

Stopping the laminator



Stopping/pausing using Feeder control switch

There are two ways to automatically stop/pause the laminator:

- Let the laminator run out of sheets in the stacker – this will cause the machine to automatically stop the process. Then, turn the Feeder control switch [A] to [Stop].
- Turn the Feeder control switch [A] to [Stop] - process will stop after last sheet is fed into the machine.

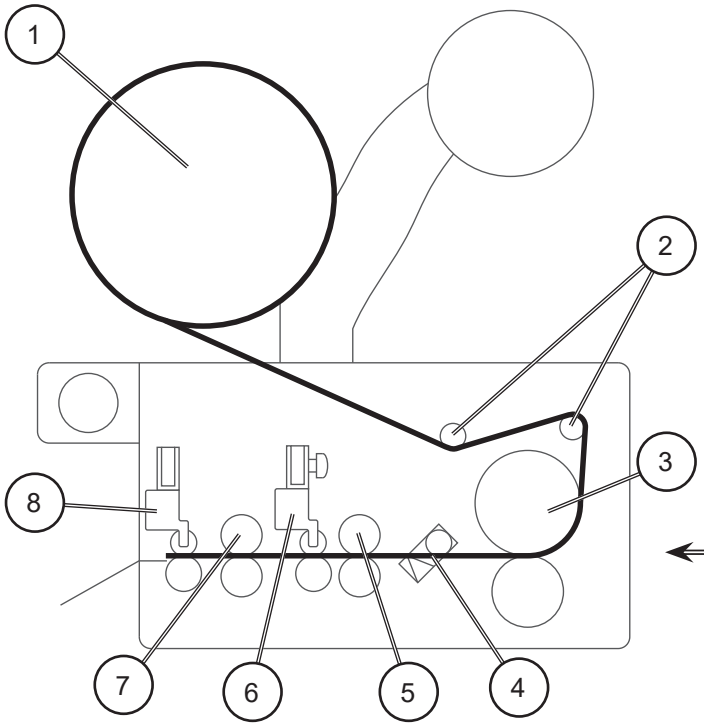
Stopping using [STOP] button

- The alternative way is to use the [STOP] button [B] on the screen; however, it is not recommended, as doing so will cause the sheets to halt at their current stage in the machine, making it difficult to restart the job.

Webbing for laminate

Standard webbing path

Use standard webbing path for short production runs where the machine will be operated at lower speeds and started/stopped frequently. This method can help avoid laminate shrinkage or stretching on the final product.

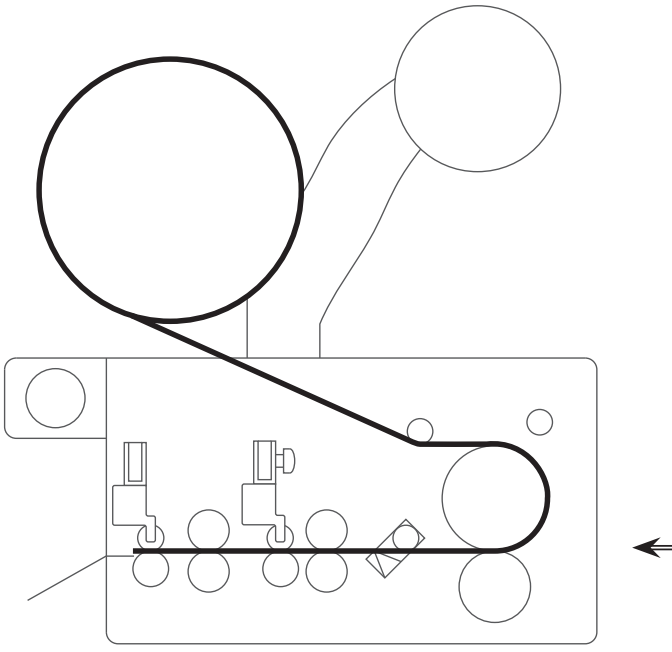


1 Laminating Roller
2 Guide Rollers
3 Hot Roller
4 De-curl Bar
5 Pull Roller
6 Laminating Bar with Skew Wheel and Perforation Wheel
7 Burst Roller
8 Exit Transport Wheel

Paper feed direction

Alternative webbing path

The alternative webbing path increases the area of the laminate in contact with the hot roller, maximizing heat transfer as a result. This is beneficial for the end result, especially when running jobs at high speeds and with thicker laminate, which can affect the heat transfer required to properly bond the laminate and media.



Paper feed direction

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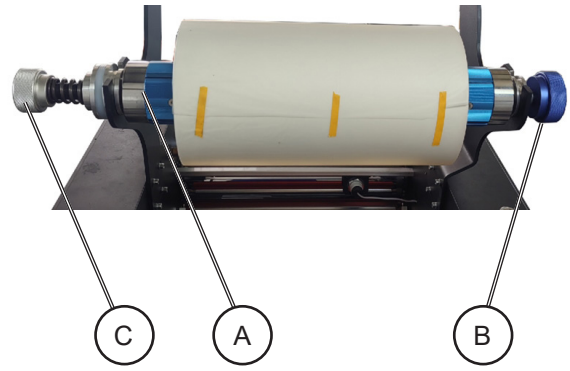
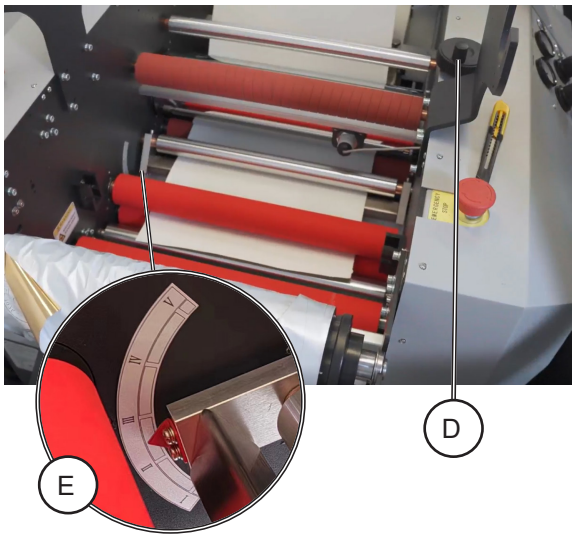
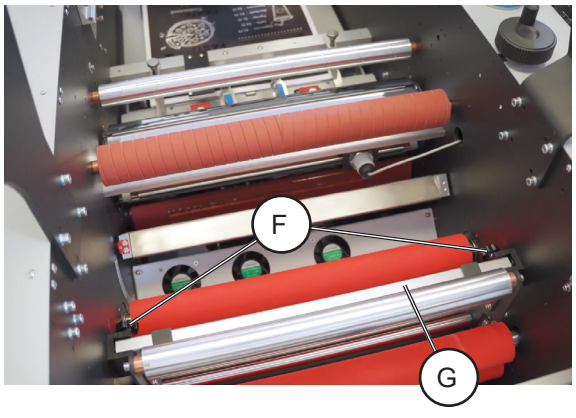
Webbing for laminate, continued



1. Turn on the main power.
2. Disable hot roller and pull roller on the screen.
3. Place paper on the feed table. See section “Loading paper” for more details.
4. Place the laminate onto the laminating roller [A], ensuring that the laminate feeds off the top of the roller towards the rear of the machine. The adhesive side of the laminate must not come into contact with the surface of the heated roller.
5. Insert the roller into the slots on both arms, ensuring that the tightening handwheel [B] is positioned on the operator’s side. Once the laminate is on the roller, align it with the paper stack on the feed table. Adjust the laminate’s position left or right as needed.
6. Secure the film roll by rotating the tightening handwheel [B]. Turn the handwheel clockwise (+) to increase grip or counterclockwise (-) to loosen, ensuring the roller is firmly placed and does not shift left or right.
7. Turn the tension adjustment handwheel [C] clockwise to increase tension on the laminating roller, or counter-clockwise to decrease it.



8. To make it easier to web the laminate, turn the hand-wheel [D] counterclockwise to set the de-curl bar to its lowest position. Make sure the arrow [E] on the de-curl bar points to “I” on the scale (I to V).



9. Loosen the screws [F] (2x) on both sides of the laminat-ing/foiling bar [G] and remove it.

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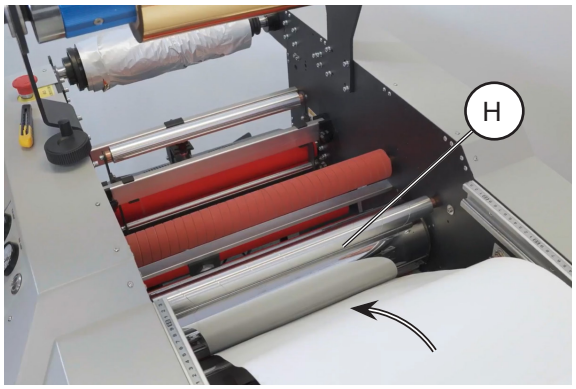
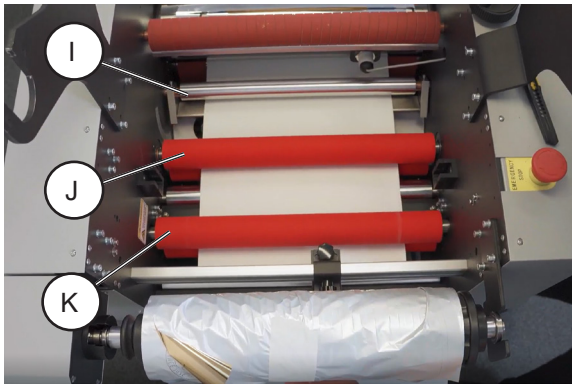
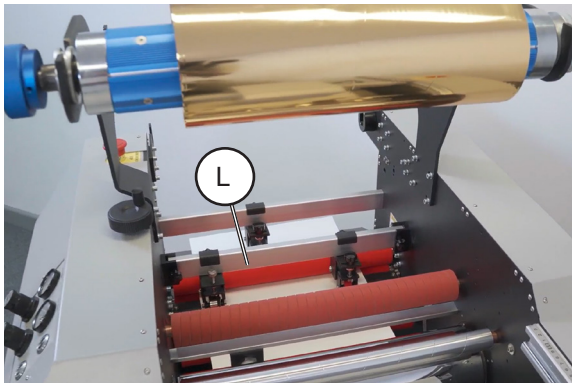
Webbing for laminate, continued



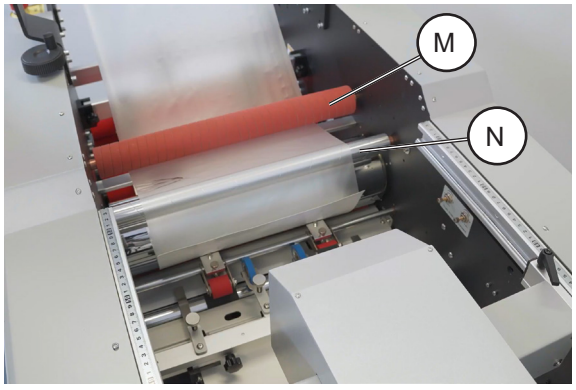
10. Take a long sheet for webbing, at least 450 mm long and preferably 200 gsm thick. Feed the sheet through the hot roller [H] and the lower pressure roller.



11. Ensure the sheet passes through the de-curl bar [I], then continue feeding it through the pull roller [J] and burst roller [K] as shown. Make sure that the ends of the sheet are sticking out of the machine (out of the hot roller and burst roller).



12. Install the laminating bar [L] and tighten the screws on each side.



13. Pull the film towards the hot roller, wrap it under the first guide roller [M] and over the second guide roller [N], and place it over the hot roller as shown.
14. Press the end of the sheet against the adhesive side of the laminate, ensuring that the sheet sticks to the laminate.

Warning:
Do not touch the surface of the hot roller with your hands during operation to prevent burns.

15. Press the [FORWARD] button and enable the hot roller on the screen.

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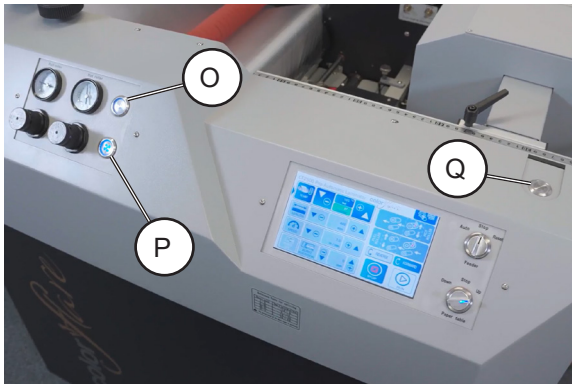
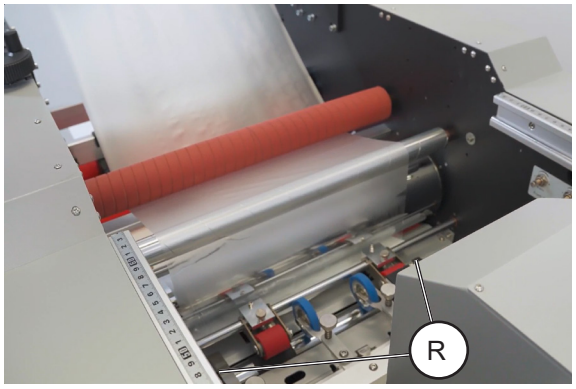
Webbing for laminate, continued



16. Turn on the air pump [O], fan [P], and vacuum pump [Q].



17. Press the foot pedal to load the sheet into the machine. Continue loading until the end of the sheet passes the feed guides [R] as shown. Press the [REVERSE] button and foot pedal to reverse the sheet if necessary.

18. Turn the Feeder control switch [S] to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area.
19. Press the [FORWARD] button and then select [RUN] on the screen to feed the sheet into the machine.
20. When a few sheets are ejected into the output tray, activate BURST ON mode to separate the sheets and press the [PULL ROLLER] button.
21. After a few laminations, turn the Feeder control switch [S] to [Stop] and turn off the air pump, fan and vacuum pump.

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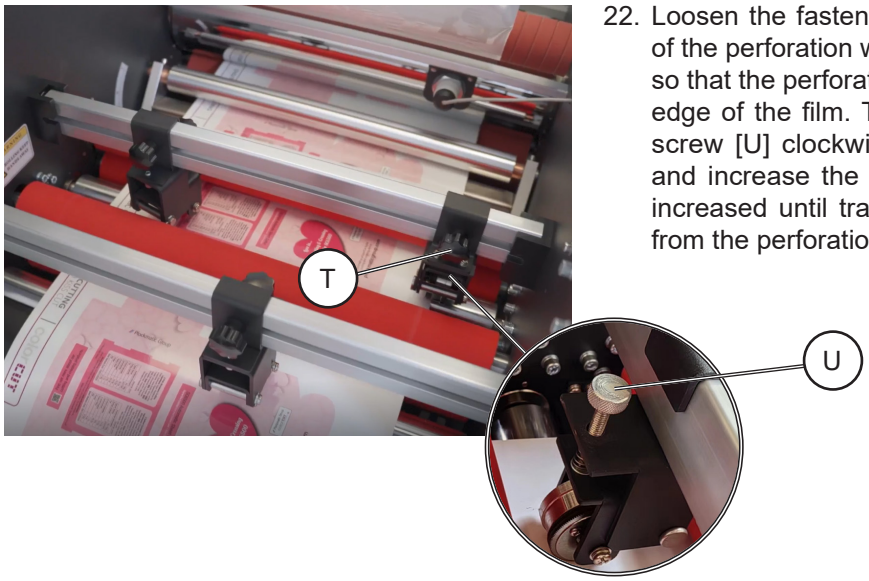
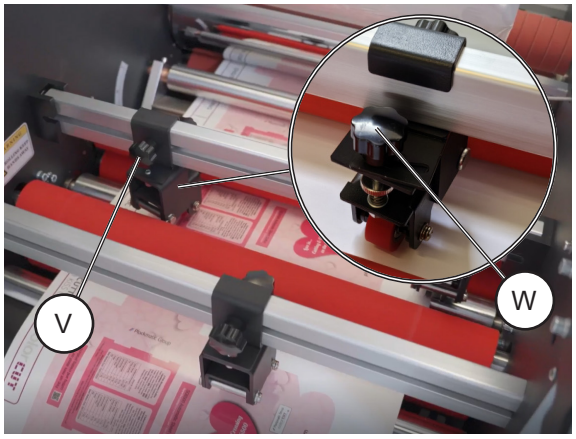
Webbing for laminate, continued

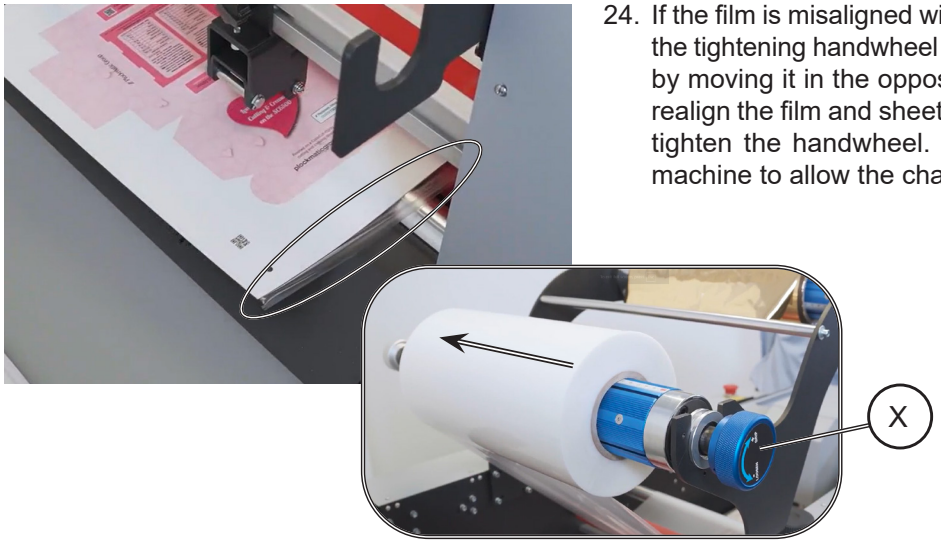


22. Loosen the fastening screw [T] to adjust the position of the perforation wheel. Move it along the support bar so that the perforation wheel is about 5-8 mm from the edge of the film. Then, turn the pressure adjustment screw [U] clockwise to lower the perforation wheel and increase the pressure. The pressure should be increased until track marks are visible on the media from the perforation wheel.



23. Loosen the fastening screw [V] to adjust the position of the skew wheel. Move it along the support bar to the desired position. Next, adjust the angle of the skew wheel. Loosen the screw [W], then rotate the bracket to set the desired angle. Once the angle is set, lock it in place.

NOTE: The angle of the skew wheel should be adjusted based on the thickness of the sheet. For thinner sheets, use a smaller angle; for thicker sheets, use a more inclined angle.



24. If the film is misaligned with the laminated sheet, loosen the tightening handwheel [X] and adjust the laminate roll by moving it in the opposite direction of the overlap to realign the film and sheet. After making the adjustment, tighten the handwheel. Run 3–4 sheets through the machine to allow the changes to take effect.

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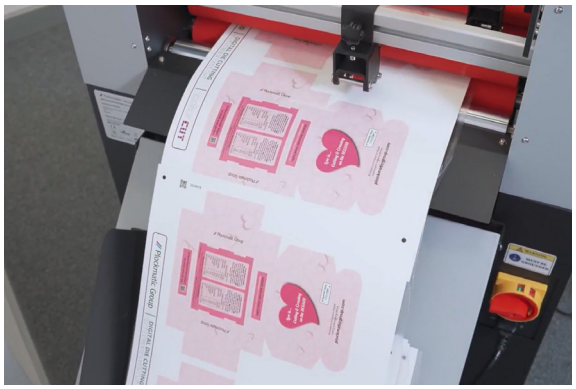
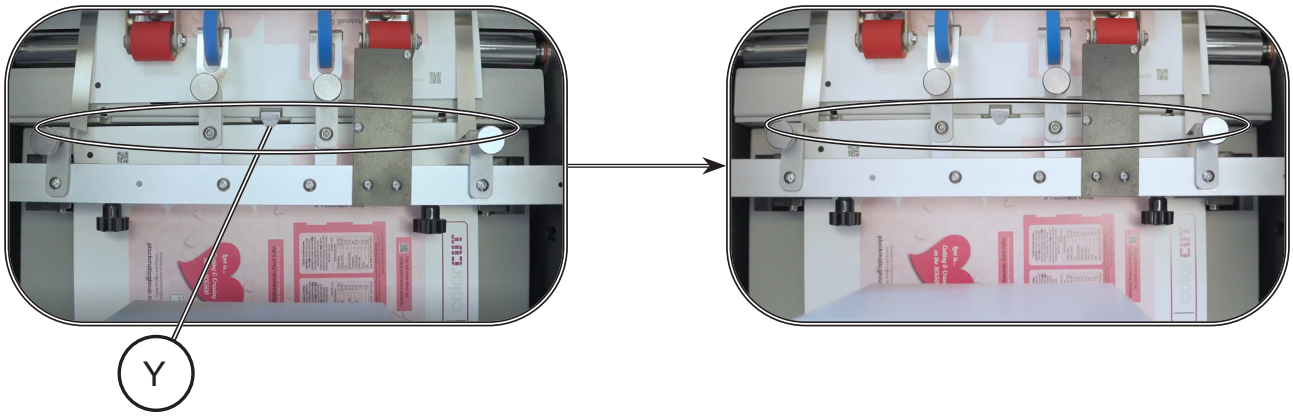
Webbing for laminate, continued

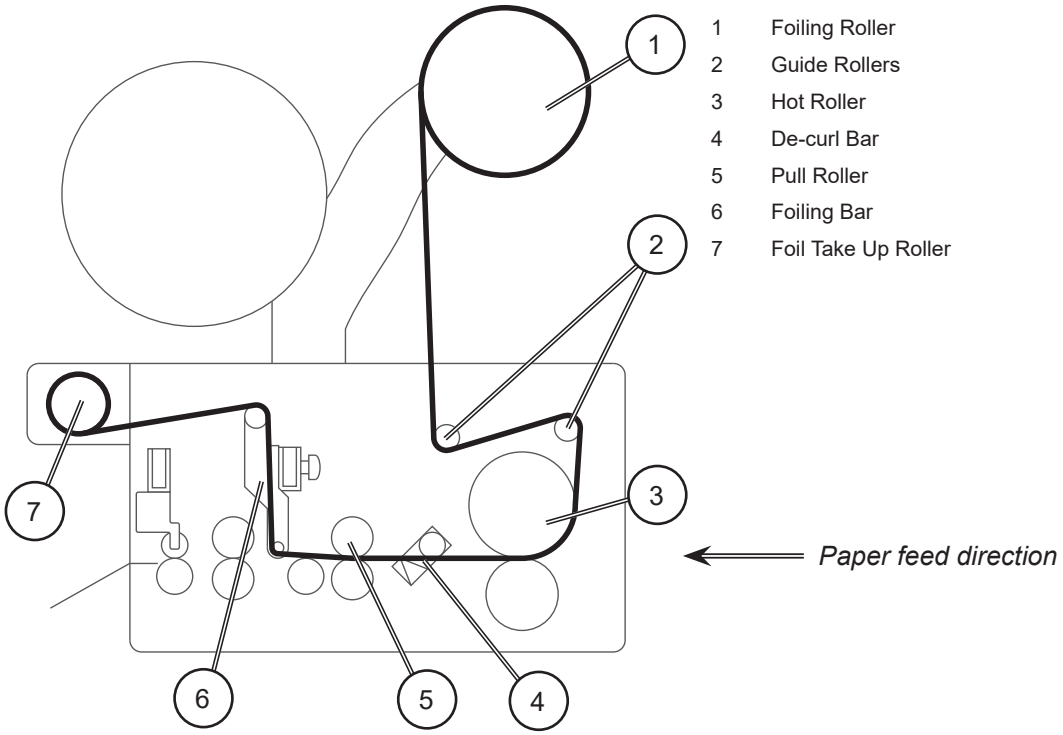


25. If the sheets are failing to burst, reduce the sheet length on the screen by 2-3 mm compared to the actual sheet length to create an overlap between the sheets while they are being burst.

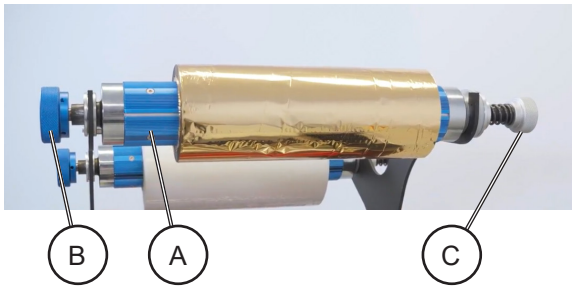
26. If the laminated sheets are skewed and not separating, it may be caused by the paper stack being misaligned in the feeder. Rotate the media and adjust the back guides so that both sides of the media are aligned against the front stop [Y].



Webbing for foil



1 Foiling Roller
2 Guide Rollers
3 Hot Roller
4 De-curl Bar
5 Pull Roller
6 Foiling Bar
7 Foil Take Up Roller



1. Turn on the main power.
2. Disable hot roller and pull roller on the screen.
3. Place paper on the feed table. See section “Loading paper” for more details.
4. Place the foil onto the foiling roller [A], ensuring that the foil feeds off the roller towards the rear of the machine. The matte side of the foil must not come into contact with the surface of the heated roller.
5. Insert the roller into the slots on both arms, ensuring that the tightening handwheel [B] is positioned on the operator’s side. Once the foil is on the roller, align it with the paper stack on the feed table. Adjust the foil’s position left or right as needed.
6. Secure the foil roll by rotating the tightening handwheel [B]. Turn the handwheel clockwise (+) to increase grip or counterclockwise (-) to loosen, ensuring the roller is firmly placed and does not shift left or right.
7. Turn the tension adjustment handwheel [C] clockwise to increase tension on the foiling roller, or counterclockwise to decrease it.

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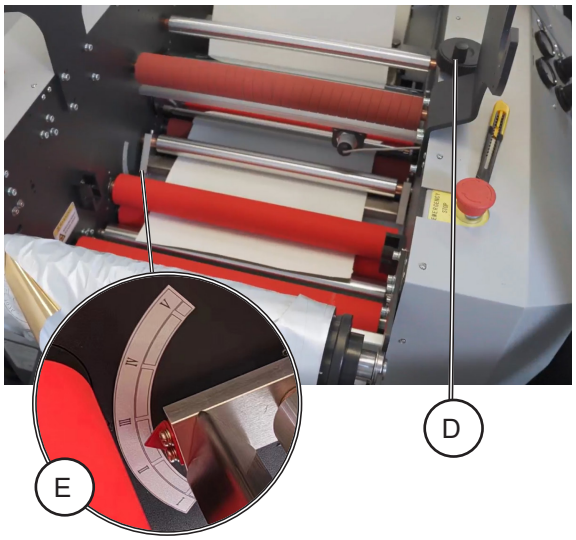
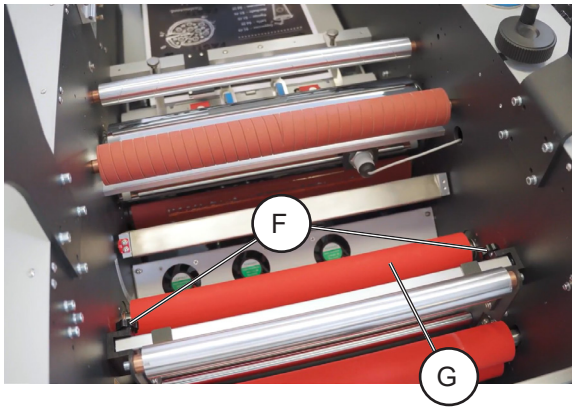
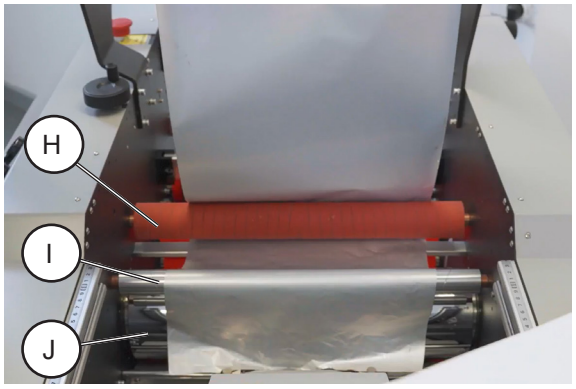
Webbing for foil, continued



8. To make it easier to web the foil, turn the handwheel [D] counterclockwise to set the de-curl bar to its lowest position. Make sure the arrow [E] on the de-curl bar points to “I” on the scale (I to V).



9. Loosen the screws [F] (2x) on both sides of the laminating/foiling bar [G] and remove it.



10. Pull the foil down, wrap it under the first guide roller [H] and over the second guide roller [I], and place it over the hot roller [J] as shown.

Warning:
Do not touch the surface of the hot roller with your hands during operation to prevent burns.

11. Use a blank sheet to press the foil down into the hot roller.

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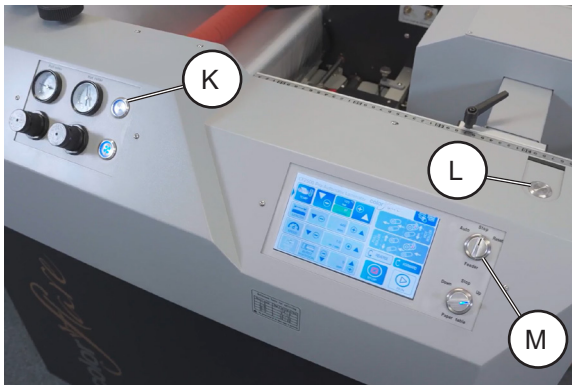
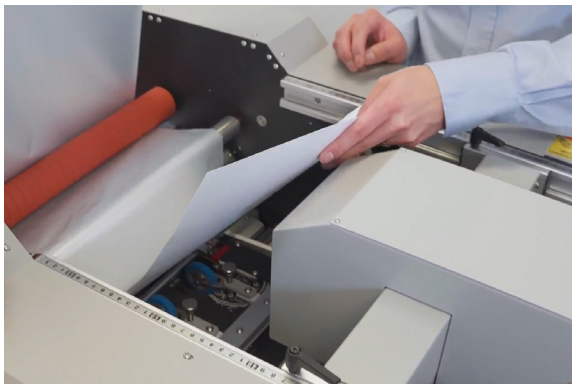
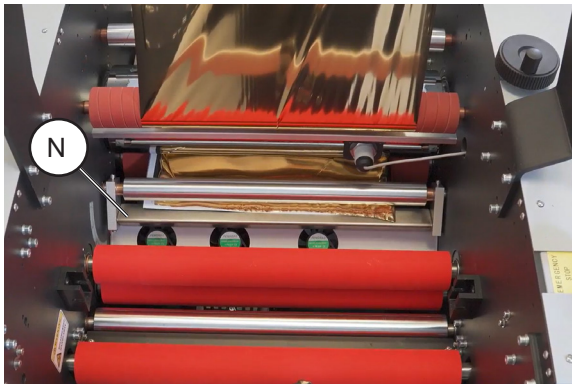
Webbing for foil, continued



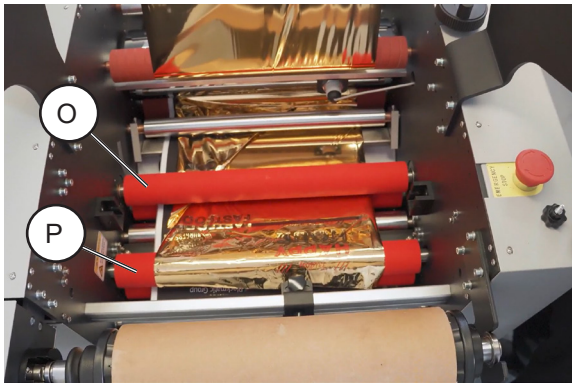
12. Turn on the air pump [K] and vacuum pump [L].
13. Turn the Feeder control switch [M] to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area.
14. Turn the Feeder control switch [M] to [Stop] after sheet is placed on the front feed table area.
15. Turn off the vacuum pump [L].
16. Press the [FORWARD] button and then select [RUN] on the screen to feed the sheet into the machine.
17. Press the [STOP] button on the screen once the sheet is in the hot roller.



18. Press the foil into the hot roller again using a blank sheet.



19. Enable the hot roller and press [RUN] on the screen.
20. Feed the sheet into the machine until the end of the sheet goes through the de-curl bar [N] and press [STOP].
21. Press the foot pedal repeatedly to slowly feed the sheet through the rollers.



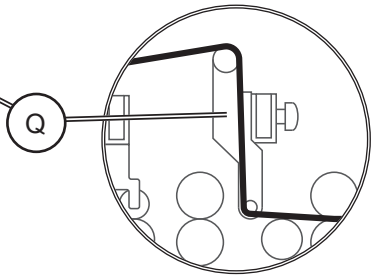
22. Stop feeding when the sheet passes the pull roller [O] and peel the foil from the sheet.
23. Pull the foil forward while pressing the foot pedal repeatedly, and place the foil on top of the burst roller [P].

Continued on next page...

Webbing for foil, continued

24. Install the foiling bar [Q] and tighten the screws on each side.

25. Place the foil through the foiling bar [Q] as shown (see webbing diagram for the correct webbing path). Press the foot pedal while pulling the foil upwards.



26. Tape the foil to the foil take up roller as shown.
27. Turn off the air pump and remove the webbing sheet.

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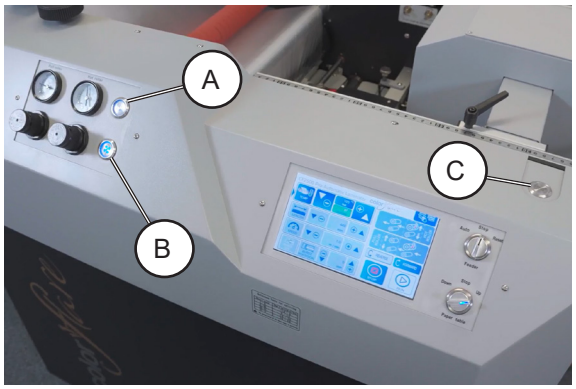
2. Operating with laminate and foil

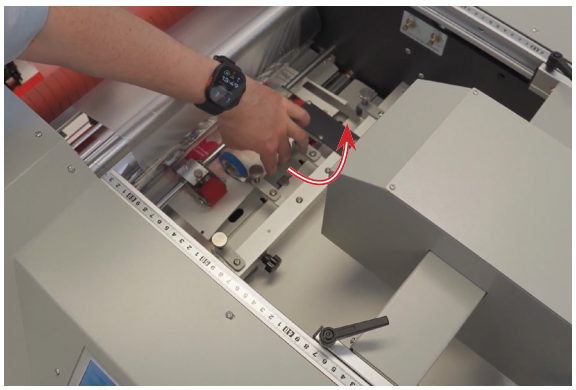
Operating with laminate



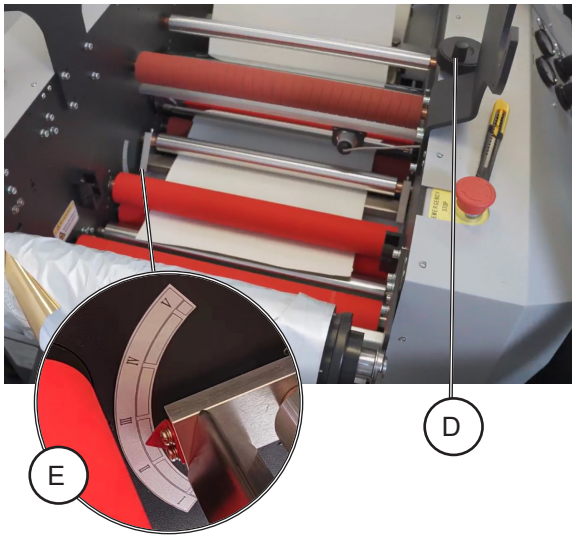
1. Turn on the main power.
2. Turn on the air pump [A], fan [B], and vacuum pump [C].
3. Place paper on the feed table. See section “Loading paper” for more details.
4. Adjust the settings on the screen: set the temperature between 80 °C and 130 °C (it is recommended to set the temperature to 105 °C for laminating, but you may need to modify it according to the purchased material’s specification), set the length to match the sheet size, enable burst mode to separate the sheets, and activate the pull roller.

NOTE: Blank/waste sheets of the same size and specification as the final product should be used at the beginning and end of the laminating process to prevent waste and avoid issues caused by incorrect parameter adjustments before producing the final product.

NOTE: For the best lamination results, wait until the hot roller has warmed up to the set temperature and the thermometer on the screen displays green.



5. Lift the sheet from the previous run as shown. While holding the sheet up, turn the Feeder control switch to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area, underneath the sheet from the previous run.
6. Press the [FORWARD] button and then select [RUN] on the screen to start laminating.



7. After laminating the first blank sheets and checking them, adjust the de-curl bar if required.

Turn the handwheel [D] clockwise to raise the de-curl bar and increase the de-curl, or counterclockwise to lower it and reduce the de-curl. An arrow [E] on the de-curl bar shows the de-curl scale from I to V.

NOTE: If the media is curling up at the ends, increase the de-curl value. If the media is curling down at the ends, the de-curl value is too high and should be decreased.

Continued on next page...

Operating with laminate, continued

8. Adjust burst position and overlap if needed.

It is recommended to keep the burst position at 0 unless you experience issues with the media.

- For thinner media, increase the burst position to move it closer to the burst roller and away from the perforation wheel. Thinner sheets burst later to prevent them from slipping between the rollers after bursting.
- For thicker media, decrease the burst position to move it away from the burst roller.

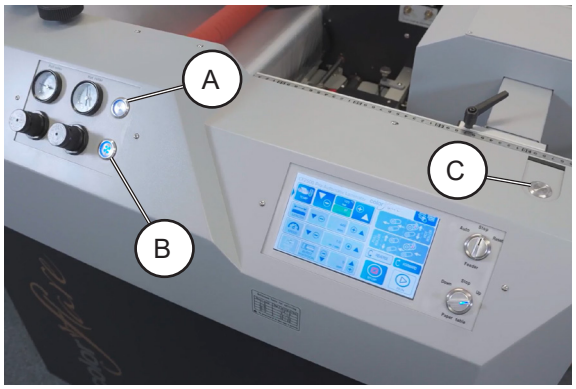
It may be necessary to reduce the sheet length on the screen by 2-3 mm compared to the actual sheet length to create an overlap between the sheets while they are being burst.

9. After making adjustments and achieving the desired result, increase the speed as needed, within the range of 1 m/min to 15 m/min.
10. When the lamination job is finished you can stop the process in three ways:
    - Let the laminator run out of sheets in the stacker – this will cause the machine to automatically stop the lamination process. Then, turn the Feeder control switch to [Stop].
    - Turn the Feeder control switch to [Stop] - lamination process will stop after last sheet is fed into the machine.
    - The alternative way is to use the [STOP] button on the screen; however, it is not recommended, as doing so will cause the sheets to halt at their current stage in the machine, making it difficult to restart the job.

NOTE: The machine stops when there is no paper left on the feed table

11. Turn off the air pump, fan and vacuum pump.

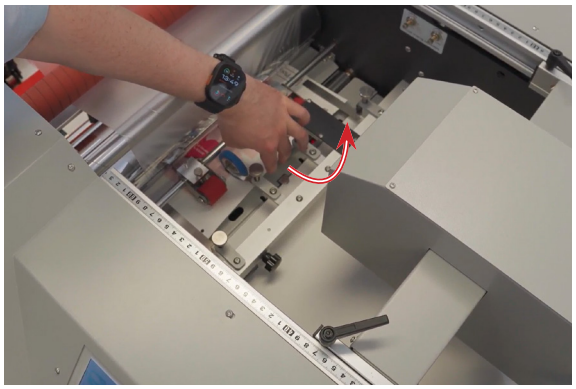
Operating with foil



1. Turn on the main power.
2. Turn on the air pump [A], fan [B], and vacuum pump [C].
3. Place paper on the feed table. See section “Loading paper” for more details.
4. Adjust the settings on the screen: set the temperature between 80 °C and 130 °C (it is recommended to set the temperature to 115 °C for foiling, but you may need to modify it according to the purchased material’s specification) and set the length to match the sheet size. Make sure burst mode and the pull roller are disabled.

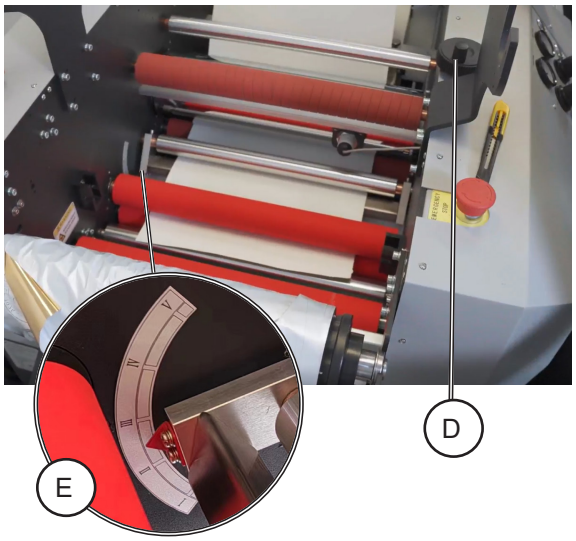
NOTE: Blank/waste sheets of the same size and specification as the final product should be used at the beginning and end of the laminating process to prevent waste and avoid issues caused by incorrect parameter adjustments before producing the final product.

NOTE: For the best foiling results, wait until the hot roller has warmed up to the set temperature and the thermometer on the screen displays green.



5. Turn the Feeder control switch to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area.

   If there is media in the laminator from the previous run, lift the sheet as shown. While holding the sheet up, turn the Feeder control switch to [Reset] to reposition the feeder, then to [Auto] to move the sheet from the paper stack to the front feed table area, underneath the sheet from the previous run.
6. Press the [FORWARD] button and then select [RUN] on the screen to start laminating.



7. After foiling the first blank sheets and checking them, adjust the de-curl bar if required.

Turn the handwheel [D] clockwise to raise the de-curl bar and increase the de-curl, or counterclockwise to lower it and reduce the de-curl. An arrow [E] on the de-curl bar shows the de-curl scale from I to V.

NOTE: If the media is curling up at the ends, increase the de-curl value. If the media is curling down at the ends, the de-curl value is too high and should be decreased.

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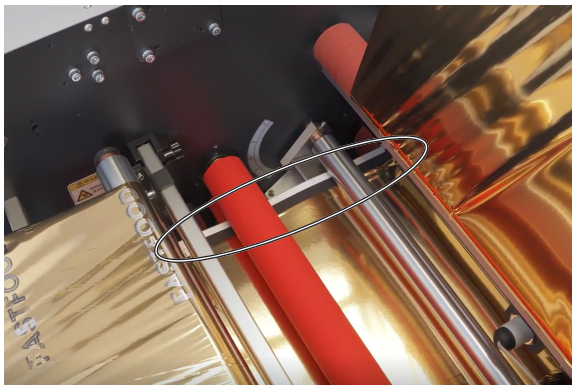
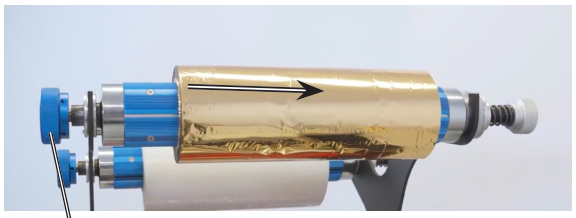
Operating with foil, continued





8. If the foil is not covering the entire sheet, loosen the tightening handwheel [F] on the foiling roller. Move the foil roll toward the uncovered side of the sheet. After making the adjustment, tighten the handwheel. Run 3–4 sheets through the machine to allow the changes to take effect.
9. After making adjustments and achieving the desired result, increase the speed as needed.

NOTE: It is recommended not to exceed a speed of 2 m/min.

10. When the foiling job is finished you can stop the process in three ways:
    - Let the laminator run out of sheets in the stacker – this will cause the machine to automatically stop the foiling process. Then, turn the Feeder control switch to [Stop].
    - Turn the Feeder control switch to [Stop] - foiling process will stop after last sheet is fed into the machine.
    - The alternative way is to use the [STOP] button on the screen; however, it is not recommended, as doing so will cause the sheets to halt at their current stage in the machine, making it difficult to restart the job.

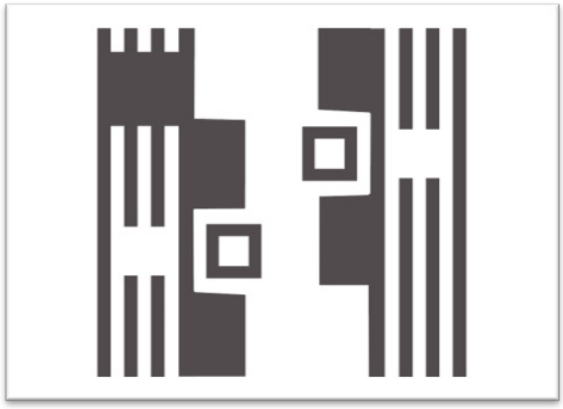
NOTE: The machine stops when there is no paper left on feed table.

11. Turn off the air pump, fan and vacuum pump.

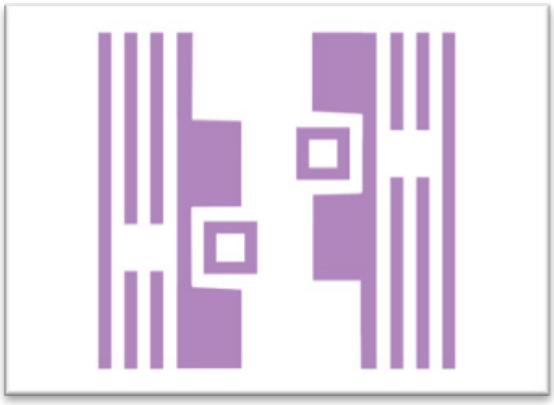
Examples of application

Print - Foil - Print

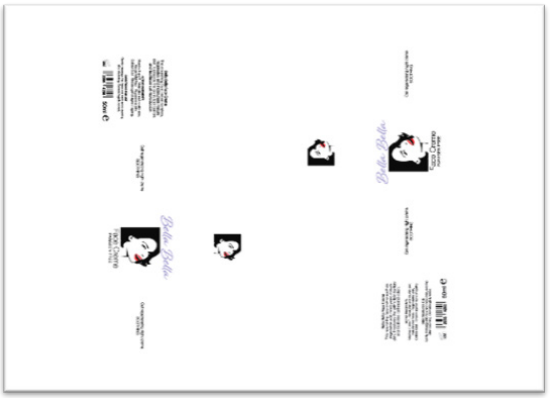
This method is used to create a combination of metallic or colored finishes in specific areas of media using foil, while leaving other areas with regular print. It is commonly used in packaging, premium printed materials, invitations, business cards, and other high-quality printed products that require detailed designs and additional decorative effects.



1. Print the area that you want to foil.



2. Run the sheet through the laminator to foil the previously printed areas.



3. Once the media has been foiled, run the sheet through the printer again to print on the areas left blank after foiling.

Print - Laminate - Print - Foil

This technique is used to combine printed designs, overprintable laminates, and foil accents to achieve a high-quality finish. This process is often used for high-end packaging, labels, and other products where premium effects like foil highlights are desired, along with durability provided by the laminate.

1. Print your base design onto a sheet.

2. After the design is printed, laminate the sheet with an overprintable laminate.

3. Print over the laminated sheet with additional design elements (like text or graphics).

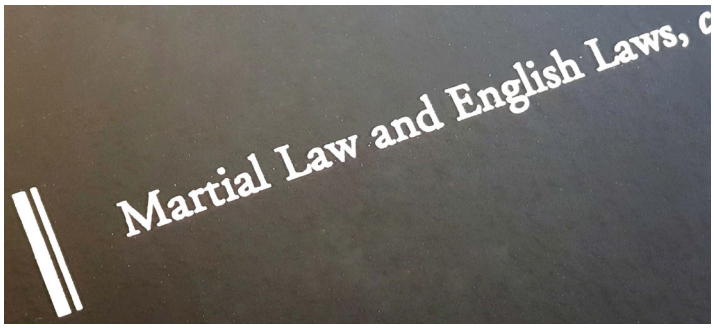
4. Run the sheet through the laminator again to foil the previously printed areas.

3. Troubleshooting

Foiling / film issues

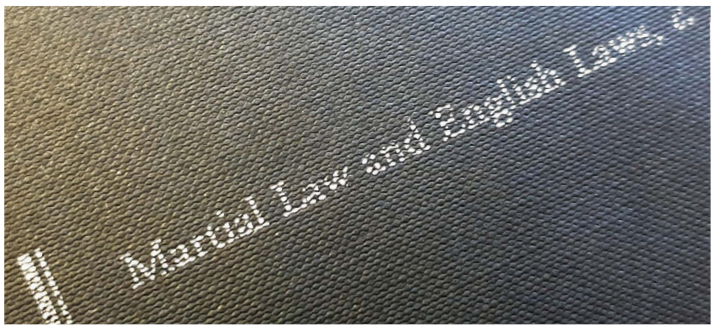
Visual Guide to Foil Quality

Smooth foil with good result



Gloss papers or silk papers provide the best results when foiling. If you have difficulty foiling a media, always use a smooth stock to check your image. Uncoated stocks require higher toner levels to perform well.

Foil on textured linen media

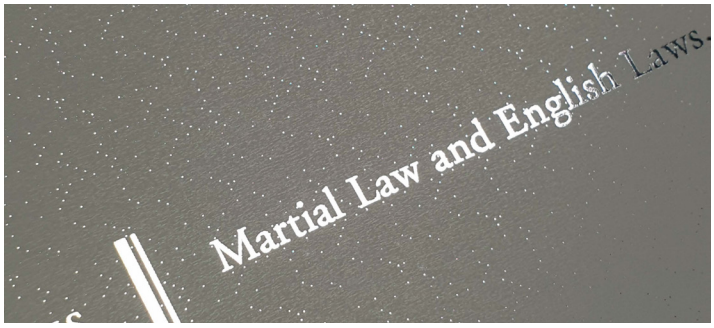


Textured papers will not provide good results. Often, these will have poor foil transfer, with foil adhering only to the peaks of the paper's texture.

Foil with temperature too high

If the heat is too excessive, the toner can lift off the media, resulting in missing foil areas.

Foil with regular pattern in the background (printer security mark)



Most CMYK printers add a hidden security mark in the yellow channel to prevent forgery. This mark identifies the printer's manufacturer and serial number. It is usually not visible to the naked eye, but becomes visible when foiled. If you see a regular pattern, it is likely from your printer’s security mark. To avoid this, switch the printer to monochrome mode. In this mode, the CMY channels are lifted, which reduces running costs and removes the security mark.

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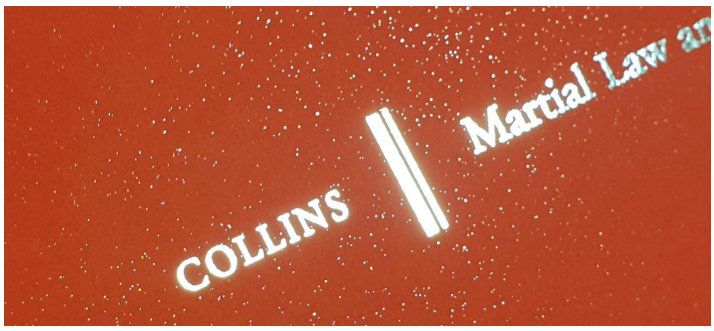
Visual Guide to Foil Quality, continued

Foil on media with non-compatible coating (irregular background pattern)



Some media may attract a background from the printer or naturally have a coating that is adhesive to the foil, which can cause random dots in the background. Test with a blank sheet of known good media to ensure that, under normal conditions, your media does not attract foil. Then, pass a blank sheet of the suspect media through the foiling machine (do not print on it). If your chosen media attracts a background without going through the printer, the issue is likely with the media. If the media is clean, the problem may be with your printer.

Foiling Issues

Trouble type	Cause of trouble	Solution
The foil is not smooth, with wrinkles or creases in flat areas.	The paper is too thin and wrinkles when heated for foiling.	Use a thicker paper – 120 gsm - 150 gsm.
	Temperature too high, foil is distorting due to heat.	Lower the temperature. Most toners melt between 105 °C - 120 °C (230 °F - 248 °F). Some foil colors absorb heat differently, so the best temperature may change depending on the color. As a starting point, it is suggested to use 115 °C (239 °F) for most cases. Note: Temperature can also be affected by the speed or pressure of your foiling device.
	Foil was not webbed straight and is being re-wound at an angle to front foil.	The most common cause of foil wrinkles is the supply roll being misaligned with the rewind/waste foil roller. This misalignment causes the foil to shift sideways during operation, leading to wrinkles. To fix this, check the position of the foil edge on the front roller by measuring the distance to the back chassis. Then, measure the rear roller to the back chassis. Adjust the rolls so they are aligned in the same position. Allow 3–4 sheets to run through the machine after making adjustments for the changes to take effect.
	Pressure is too high.	When foiling porous papers, users often increase pressure, thinking it will help the foil adhere to the toner. However, excessive pressure can damage the machine and cause wrinkles in the media. For ColorFlare systems, the maximum pressure is 960 g, applied via a lever mechanism. The air pressure gauge should be set between 0.5 MPa and 0.6 MPa. Higher pressures can distort the lower roller and create wrinkles. Reduce the pressure if needed. For very thin stock, lower pressures down to 0.35 MPa may work better.
The foil does not cover toner, with holes in foil coverage (toner can be seen through foil).	Temperature is too low.	The toner must reach a high enough temperature to start melting and become sticky. If the temperature is too low, the toner will not be sticky enough to pull the foil from the carrier film. Ensure the machine has reached the set temperature. Some foil colors absorb heat differently, so the best temperature may change depending on the color. As a starting point, it is suggested to use 115 °C (239 °F) for most cases. Note: Temperature can also be affected by the speed or pressure of your foiling device.
	Toner density is too low.	Toner works like glue. If toner coverage is low, there is less glue. Increase toner density or apply toner twice (200% coverage) to the area to be foiled.

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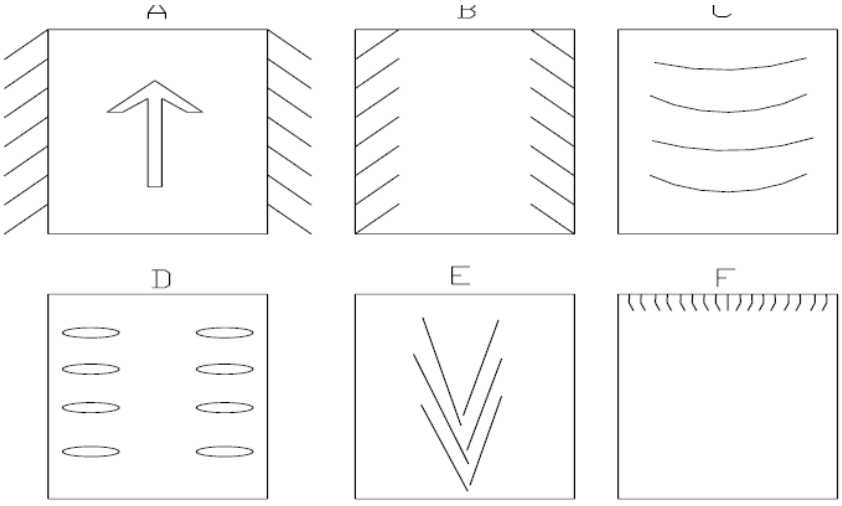
Foiling Issues, continued

Trouble type	Cause of trouble	Solution
The foil does not cover toner, with holes in foil coverage (toner can be seen through foil).	Speed is too high.	The temperature shown for the hot roller is the temperature it is set to. This temperature is typically measured when the machine is running at a low speed (about 25-30% of its normal speed). If you increase the machine speed, the hot roller temperature stays the same, but the temperature transferred to the toner may become too low. To achieve the best results, reduce the speed. It is suggested not to exceed a speed of 2 m/min when foiling.
	Pull roller is not released.	When foiling, ensure the pull roller is in the **up** position.
	Paper is not smooth.	If the paper has too much texture, the foil cannot deform to match the paper surface and may break. Try using more toner to fill the gaps or increasing the pressure. You can also try using smoother paper.
	Media is too thick.	The maximum media thickness for foil is 400 gsm. Use thinner media.
	Hot roller or pressure roller is dirty.	Check the hot roller for glue residue and clean it if needed. Also, check the lower pressure roller and clean it if necessary.
	Insufficient pressure.	Increase the pressure. If the pressure is too low, the foil will not stick to the toner. The recommended pressure for foiling is between 0.5 MPa and 0.6 MPa.
	Foil is not webbed correctly and goes over de-curling roller.	When foiling, the foil carrier should be removed from the media as late as possible to allow the toner to cool and bond to the foil. Removing the foil too soon can cause it to lift before the toner has properly bonded. One common cause of early foil lifting is incorrect webbing. Make sure the foil goes under the de-curl roller but over the de-curl bar. Sometimes, the media may pass over both, causing the foil to be pulled off before the toner has cooled.
	Paper dust or debris on media.	Use in a clean environment with clean media.
The foil is not covering the entire sheet.	Foil was not webbed straight and is misaligned with loaded sheets.	Loosen the tightening handwheel on foiling roller and move the foil roll toward the uncovered side of the sheet. Run 3–4 sheets through the machine to allow the changes to take effect.

Laminating Issues

No.	Trouble Type	Cause of Trouble	Solution
1.	Laminated material de-curls.	Excessive tension on the laminating roller. Insufficient tension on the laminating roller.	Reduce tension using the film tension adjustment handwheel. Increase tension using the film tension adjustment handwheel.
2.	The film is overlapping the laminated sheets.	Film was not webbed straight and is misaligned with loaded sheets.	Loosen the tightening handwheel on laminating roller and adjust the laminating roll by moving it in the opposite direction of the overlap to realign the film and sheets. Run 3–4 sheets through the machine to allow the changes to take effect.
3.	Sheets are not bursting.	There is no gap between the sheets. The paper stack is misaligned in the feeder, causing the laminated sheets to skew.	Reduce the sheet length on the screen by 2-3 mm compared to the actual sheet length. Rotate the media and adjust the back guides so that both sides of the media are aligned against the front stop.
2.	Symptom “A”.	The hot roller pressure is too low.	Increase the hot roller pressure.
3.	Symptom “B”.	The hot roller pressure is too high.	Decrease the hot roller pressure.
4.	Symptom “C”.	The hot roller pressure is too high.	Decrease the hot roller pressure.
5.	Symptom “D”.	The hot roller pressure is too low.	Increase the hot roller pressure.
6.	Symptom “E”.	The hot roller temperature is too high. The pull roller temperature is too high.	Lower the hot roller temperature. Turn off the power and allow the machine to cool down for 30 minutes.
7.	Symptom “F”.	The hot roller temperature is too high.	Lower the hot roller temperature.



Equipment issues

No.	Trouble Type	Cause of Trouble	Solution
1.	Machine is not powering on.	Power switch is in the "OFF" position. Circuit breaker has tripped. Fuse is disconnected or blown. Machine is not properly grounded.	Check if the power switch is set to "ON." If the circuit breaker has tripped, reset it or contact your dealer. Replace the 250V/5A fuse included with the product. Ensure the machine is correctly grounded.
2.	Hot roller is not working.	Emergency stop button is activated. Hot roller pressure is not set correctly. The hot roller cover is removed. The protective switch on the hot roller cover is not locked.	To reset the emergency stop button rotate it clockwise direction and pull it back upwards to its original position. Adjust the hot roller pressure. Put the protective cover back in place. Lock the protective switch on the hot roller cover.
3.	Rewind/waste foil roller not working.	Low pressure on the rewind/ waste foil roller. Chain is damaged.	Increase the pressure on the rewind/waste foil roller using the tension adjustment handwheel. Contact your dealer.

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4. Remarks

Do's and Don'ts

- Always follow all warnings marked on, or supplied with, the equipment.
- Always exercise care in moving or relocating the equipment.

Caution:
Unplug the power cord from the wall outlet and machine before you move or relocate the equipment.

- Do not remove the covers or guards that are fastened with screws.
- Do not override or bypass electrical or mechanical interlock devices.
- Do not operate the equipment if you notice unusual noises or odours. Disconnect the power cord from the power source and call your authorized technician to correct the problem.

Warning:
This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

NOTE: The domestic environment is an environment where the use of broadcast radio and television receivers may be expected within a distance of 10 m (393.7") of the apparatus concerned.

- Do not switch off the power while the machine is running. Make sure the machine cycle has ended.
- Do not open covers while the machine is running.
- Do not move machine while the machine is running.
- Do not make arbitrary changes to the machine.
- Do not sit or step on the feed extension. Extension table will break or machine will tilt over. The maximum load for the feed extension is 15 kg (33.1 lb).

Where to put Your Machine

Machine Environment

- Always locate the equipment on a solid support surface with adequate strength for the weight of the machine
- Always keep magnets and all devices with strong magnetic fields away from the machine

If the place of installation is air-conditioned or heated, do not place the machine where it will be:

- Subjected to sudden temperature changes
- Directly exposed to cool air from an air-conditioner
- Directly exposed to heat from a heater

Power Connection

- **Always** connect the equipment to a properly grounded power source. If in doubt, have the power source checked by a qualified electrician.

Warning:
Improper grounding of the equipment can result in electrical shock.

- **Never** connect the machine to a power source that lacks a ground connection terminal. A missing ground will cause damage to electronics and cause machine malfunctions.

Maintaining Your Machine

Never attempt any maintenance function that is not specifically described in this documentation.

Cleaning of rollers

Keep the chrome roller and lower pressure roller clean from glue, toner, and foil residue to prevent film or foil from sticking to the rollers, contamination of the media, and marks on laminated or foiled media.

Wipe the rollers daily with high-purity alcohol. Avoid using corrosive liquids as they can damage the rollers, and always use a soft, dry cloth for cleaning. If you are using a spray to clean the rollers, spray it onto a cloth and away from the machine. Do not spray directly onto the hot roller, as this may result in excessive fumes.

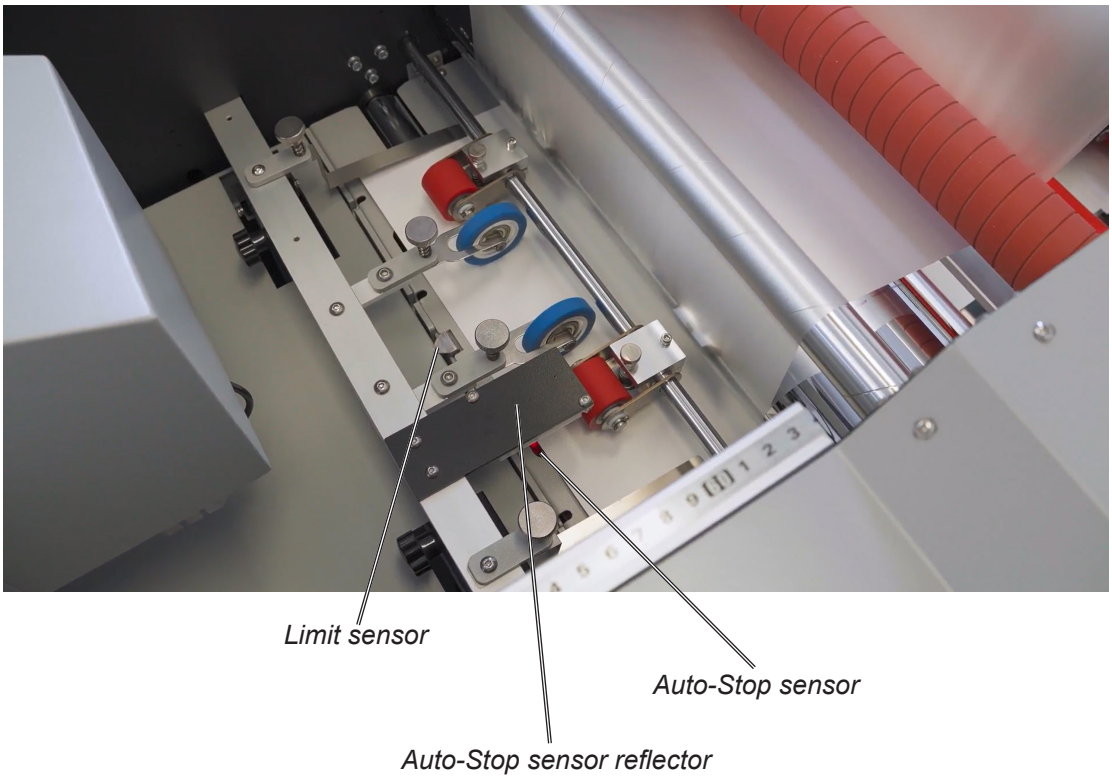
Before cleaning the rollers, turn off the machine and disconnect the power cord, and wait for the hot roller to cool down. If cleaning the hot roller, it is easier to do it when it is hot since the residue will come off easier.

Warning:
Do not touch the surface of the hot roller with your hands during operation to prevent burns.

Cleaning of sensors

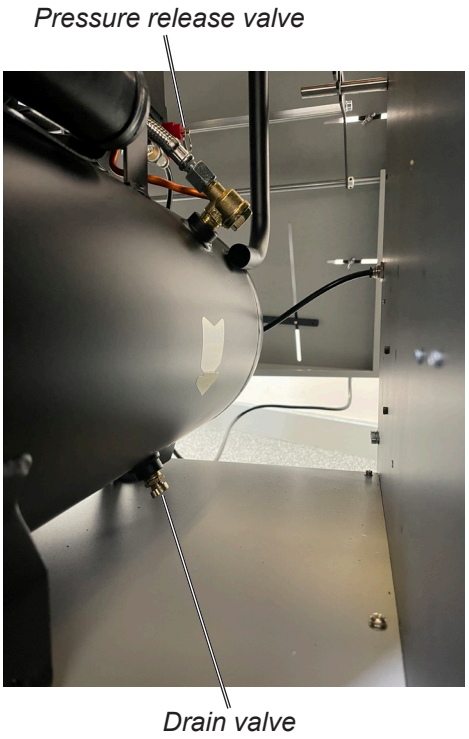
The sensors and reflector need to be cleaned every day, more frequent cleaning may be required depending on media type. Using a lint free cloth, compressed air or soft bristled brush clean the sensors and reflector. Turn off the machine and disconnect the power cord before performing any procedures.

Caution:
Never use cleaning fluids on sensors.



Draining compressor

Drain the compressor daily to prevent tank corrosion, moisture buildup, and to keep the compressor operating efficiently. Turn off the compressor and let it cool before draining. Be cautious of hot and pressurized components. Release any remaining air pressure by opening the pressure release valve. Locate and open the drain valve at the bottom of the tank to let out any moisture that has accumulated. Use a suitable container to collect the drained fluid. Allow the moisture to fully drain, then close the drain valve tightly. After draining, check the system for any leaks or other issues that may need fixing before starting the compressor again.



CF2500 Best Practices

- Use smooth media for best results.
- Print in grayscale for foiling (printers add small yellow dots for security, which are invisible to the eye but will be foiled. To avoid this, do not print foiling jobs in CMYK; use grayscale instead, if possible).

CF2500 Limitations

- Some colored media may pick up foil, causing incorrect areas to be foiled.

5. Specifications

	Specifications	Remarks
Minimum paper size, W × L	200 × 300 mm / 7.87 × 11.81″	
Maximum paper size, W × L	390 × 715 mm / 15.35 × 28.15″	
Media thickness	130 gsm to 400 gsm	
Laminate/foil thickness	20 - 250 micron	
Lamination speed	1 m/min - 15 m/min	
Laminating temperature, min - max.	80 - 130 ºC / 176 - 266 ºF	Recommended temperature for foiling: 115 ºC / 239 ºF
Maximum stack height in feeder	280 mm / 11″ (1400 sheets)	
Laminate/foil core size	Ø 76 mm / 3″	
Power supply	220-240V 50/60Hz 3200W	
Dimensions (L × H × D)	1730 × 1480 × 800 mm / 68.1 × 58.3 × 31.5″	
Weight (unpacked)	380 kg / 837.7 lbs	

Declaration of Conformity

Plockmatic Group

EU & UK DECLARATION OF CONFORMITY [1]

No.[2] ..... **N0007940 (A.2)**
Manufacturer [3] ..... Plockmatic International AB, Telefonvägen 30, S-126 26 Hägersten, Sweden

This Declaration of Conformity is issued under the sole responsibility of the manufacturer [4]

Object of the Declaration [5] (Including all accessories)	
Model/Type [6]	**CF2500 Pro**
Name [7]	**ColorFlare CF2500 Pro**
Description [8]	**Automatic Laminator**

5

The object of the declaration is in conformity with the requirements of the following documents [9]	
EU Directive [10]	**Standard** [11]
(MD) 2006/42/EU *S.I. 2008/1597*	EN 60204-1, EN ISO 12100:2010, EN ISO 13849-1:2015,
(EMC) 2014/30/EU *S.I. 2016/1091*	BS EN 55032:2015 + A11:2020 (Class A), BS EN 55035:2017 + A11:2020, BS EN ISO 61000-3-2:2019 + A1:2021, BS EN 61000-3-3:2013 + A1:2019 + A2:2021
(RoHS) 2011/65/EU *S.I. 2012/3032*	EN 62321:2009, EN 63000:2018
Additional information [12]	
Signed for and on behalf of [13] Hägersten, 2025-02-11 15:40	Bengt Olenfalk Group Quality Manager

БЪЛГАРСКИ; 1) ЕС Декларация за съответствие; 2) Номер; 3) Производител; 4) Настоящата декларация за съответствие е издадена на отговорността на производителя; 5) Предмет на декларацията; 6) Модел/Тип; 7) Назначение; 8) Описание; 9) Предметът на декларацията, описан по-горе, отговаря на съответното законодателство на Съюза за хармонизация; 10) Директива; 11) Стандарт ; 12) Допълнителна информация; 13) Подписано за и от името на
ČESKY; 1) EU Prohlášení o shodě; 2) Číslo; 3) Výrobce; 4) Toto prohlášení o shodě se vydává na výhradní odpovědnost výrobce; 5) Předmět prohlášení; 6) Model/Typ; 7) Označení; 8) Popis; 9) Výše popsaný předmět prohlášení je ve shodě s příslušnými harmonizačními právními předpisy Unie; 10) Směrnice; 11) Norma; 12) Dodatečné informace; 13) Podepsáno za a jménem na
DANSK; 1) EU-Overensstemmelseserklæring; 2) Nummer; 3) Producent; 4) Denne overensstemmelseserklæring udstedes på fabrikantens ansvar; 5) Erklæringens genstand; 6) Model/Type; 7) Betegnelse; 8) Beskrivelse; 9) Genstanden for erklæringen, som beskrevet ovenfor, er i overensstemmelse med den relevante EU-harmoniseringslovgivning; 10) Direktiv; 11) Standard; 12) Yderligere information; 13) Underskrevet for og vegne
DEUTSCH; 1) EU-Konformitätserklärung; 2) Nummer; 3) Hersteller; 4) Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller; 5) Gegenstand der Erklärung; 6) Modell/Typ; 7) Bezeichnung; 8) Beschreibung; 9) Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union; 10) Direktive; 11) Standard; 12) Weitere Informationen; 13) Zur Unterzeichnung und Namen
EESTI; 1) ELi Vastavusdeklaratsioon; 2) Number; 3) Valmistaja; 4) Käesolev vastavausdeklaratsioon on välja antud tootja ainuvastutusel; 5) Deklareeritav; 6) Mudel/Type; 7) Nimetus; 8) Kirjeldus; 9) Eelkirjeldatud deklareeritav toode on kooskõlas asjaomaste liidu ühtlustamisaktidega; 10) Direktiivi; 11) Standard; 12) Lisainfo; 13) Allkirjastatud ja nimel
SUOMI; 1) EU-Vaatimustenmukaisuusvakuutus; 2) Määrä; 3) Valmistaja; 4) Tämä vaatimustenmukaisuusvakuutus on annettu valmistajan yksinomaisella vastuulla; 5) Vakuutuksen kohde; 6) Malli/Tyyppi; 7) Nimitys; 8) Kuvaus; 9) Edellä kuvattu vakuutuksen kohde on asiaa koskevan unionin yhdenmukaistamislainsäädännön vaatimusten mukainen; 10) Direktiivi; 11) Standardi; 12) Lisäinformaatio; 13) Allekirjoitettu ja puolesta
FRANÇAIS; 1) Déclaration UE de conformité; 2) Nombre; 3) Fabricant; 4) La présente déclaration de conformité est établie sous la seule responsabilité du fabricant; 5) Objet de la déclaration; 6) Modèle/type; 7) Désignation; 8) Description; 9) L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable; 10) Directif; 11) Standard; 12) Information Supplémentaire; 13) Signé pour et au nom de
GAEILGE; 1) Dearbhú comhréireachta AE; 2) Uimhir; 3) Manufacturer; 4) Tá an dearbhú comhréireachta arna eisiúint faoi fhreagracht an mhonaróra; 5) Cuspóir an dearbhaithe; 6) Cineál; 7) Ainmniú; 8) Tuairisc; 9) Is é cuspóir an dearbhaithe a thugtar i gcomhréir leis an reachtaíocht chomhchuibhithe ábhartha an Aontais; 10) Treoir; 11) Caighdeánach; 12) Eolas breise; 13) Arna shíniú le haghaidh agus thar ceann an
ΕΛΛΗΝΙΚΗ; 1) Δηλωση συμμορφωσησ ΕΕ; 2) αριθμός; 3) Κατασκευαστής; 4) Η παρούσα δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή; 5) Αντικείμενο της δήλωσης; 6) Μοντέλο/Τύπος; 7) Ονομασία; 8) Περιγραφή; 9) Ο στόχος της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνος με τη σχετική ενωσιακή νομοθεσία εναρμόνισης; 10) διευθυντικός; 11) Πρότυπο; 12) Επιπλέον πληροφορίες; 13) Υπογραφή για λογαριασμό και εξ ονόματος του
HRVATSKI; 1) EU Izjava o sukladnosti; 2) Broj; 3) Proizvođač; 4) Za izdavanje EU izjave o sukladnosti odgovoran je isključivo proizvođač; 5) Predmet deklaracije; 6) Model/Tip; 7) Oznaka; 8) Deskripcija; 9) Predmet navedene izjave u skladu je s mjerodavnim zakonodavstvom Unije o usklađivanju; 10) Direktiva; 11) Standard; 12) Dodatne informacije; 13) Potpisao za iu ime
MAGYAR; 1) EU–Megfelelőségi nyilatkozat; 2) Szám; 3) Gyártó; 4) Ezt a megfelelőségi nyilatkozatot a gyártó kizárólagos felelőssége mellett adják ki; 5) A nyilatkozat tárgya; 6) Modell/Típus; 7) Kijelölés; 8) Leírás; 9) A fent ismertetett nyilatkozat tárgya megfelel a vonatkozó uniós harmonizációs jogszabályoknak; 10) Irányelv; 11) Standard; 12) További információ; 13) Aláírva nevében
ÍSLENSKA; 1) ESB Leyfisyfirlýsing; 2) Fjöldi; 3) Framleiðandi; 4) Þessi samræmisyfirlýsing er sett alfarið á ábyrgð framleiðanda; 5) Markmið yfirlýsingarinnar; 6) Gerð; 7) Tilnefning; 8) Lýsing; 9) Markmið yfirlýsingarinnar lýst er hér að ofan er í samræmi við viðeigandi Union samhæfingu löggjafar; 10) Tilskipun; 11) Standard; 12) Viðbótarupplýsingar; 13) Undirritað fyrir og fyrir hönd
ITALIANO; 1) Dichiarazione di conformità UE; 2) Numero; 3) Produttore; 4) La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante; 5) Oggetto della dichiarazione; 6) Modello/Tipo; 7) Designazione; 8) Descrizione; 9) L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione; 10) Direttiva; 11) Standard; 12) Informazioni aggiuntive; 13) Firmato e per conto di
LATVIEŠU; 1) ES Atbilstības deklarācija; 2) Numurs; 3) Ražotājs; 4) Šī atbilstības deklarācija ir izdota vienīgi uz ražotāja atbildību; 5) Deklarācijas priekšmets; 6) Modelis/tips; 7) Apzīmējums; 8) Apraksts; 9) Iepriekš aprakstītais deklarācijas priekšmets atbilst attiecīgajam Savienības saskaņošanas tiesību aktam; 10) Direktīva; 11) Standarts; 12) Papildus informācija; 13) Parakstīts vārdā
LIETUVIŲ; 1) ES Atitikties deklaracija; 2) Skaičius; 3) Gamintojas; 4) Ši atitikties deklaracija išduota tik gamintojo atsakomybe; 5) Deklaracijos objektas; 6) Modelis/tipas; 7) Pavadinimas; 8) Aprašymas; 9) Pirmiau aprašytas deklaracijos objektas atitinka susijusius derinamuosius Sąjungos teisės aktus; 10) Direktyva; 11) Standartinė; 12) Papildoma informacija; 13) Pasirašyta ir vardu
MALTESE; 1) Dikjarazzjoni ta' konformità tal-UE; 2) Numru; 3) Manifattur; 4) Din id-dikjarazzjoni ta' konformità tinħareg taħt ir-responsabbiltà unika tal-manifattur; 5) Għan tad-dikjarazzjoni; 6) Mudell/Tip; 7) Deżinjazzjoni; 8) Deskrizzjoni; 9) L-għan tad-dikjarazzjoni deskritt hawn fuq huwa konformi mal-leġislazzjoni ta' armonizzazzjoni rilevanti tal-Unjoni; 10) Direttiva; 11) Standard; 12) informazzjoni addizzjonali; 13) Iffirmat għal u f'isem il
NEDERLANDS; 1) EU-Conformiteitsverklaring; 2) Nummer; 3) Fabrikant; 4) Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant; 5) Voorwerp van de verklaring; 6) Model/Type; 7) Benaming; 8) Beschrijving; 9) Het hierboven beschreven voorwerp is in overeenstemming met de desbetreffende harmonisatiewetgeving van de Unie; 10) Richtlijn; 11) Standaard; 12) Aanvullende informatie; 13) Ondertekend voor en namens
NORSK; 1) EU-Erklæring; 2) Nummer; 3) Produsent; 4) Denne samsvarserklæringen er utstedt under ansvar av produsenten; 5) Formålet med erklæringen; 6) Type; 7) Betegnelse; 8) Beskrivelse; 9) Formålet med erklæringen som er beskrevet ovenfor er i samsvar med relevante Union harmoniseringslovgivning; 10) Direktiv; 11) Standard; 12) Ytterligere informasjon; 13) Signert for og vegne av
POLSKI; 1) Deklaracja zgodności UE; 2) Numer; 3) Producent; 4) Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta; 5) Przedmiot deklaracji; 6) Model/Typ; 7) Oznaczenie; 8) Opis; 9) Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego; 10) Dyrektywa; 11) Standard; 12) Dodatkowe informacje; 13) Podpisano imieniu
PORTUGUÊS; 1) Declaração UE de conformidade; 2) Número; 3) Fabricante; 4) A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante; 5) Objecto da declaração; 6) Modelo/Tipo; 7) A denominação; 8) Descrição; 9) O objeto da declaração acima descrito está em conformidade com a legislação de harmonização da União aplicável; 10) Directiva; 11) Padrão; 12) Informações adicionais; 13) Assinado por e nome
ROMÂNĂ; 1) Declarația UE de conformitate; 2) Număr; 3) Producător; 4) Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului; 5) Obiectul declarației; 6) Model/Tip; 7) Desemnare; 8) Descriere; 9) Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii; 10) Directivă; 11) Standard; 12) Informatii aditionale; 13) Semnat pentru și în numele
SLOVENSKÝ; 1) EÚ Vyhlásenie o zhode; 2) Číslo; 3) Výrobca; 4) Toto vyhlásenie o zhode sa vydáva na výhradnú zodpovednosť výrobcu; 5) Predmet vyhlásenia; 6) Model/Typ; 7) Označenie; 8) Popis; 9) Uvedený predmet vyhlásenia je v zhode s príslušnými harmonizačnými právnymi predpismi Únie; 10) Smernice; 11) Štandardné; 12) Doplňujúce informácie; 13) Podpísané za av mene na
SLOVENŠČINA; 1) Izjava EU o skladnosti; 2) Število; 3) Proizvajalec; 4) Ta izjava o skladnosti je izdana na lastno odgovornost proizvajalca; 5) Predmet izjave; 6) Model/Type; 7) Oznaka; 8) Opis; 9) Predmet navedene izjave je v skladu z ustrezno zakonodajo Unije o harmonizaciji; 10) Direktiva; 11) Standardna; 12) Dodatne informacije; 13) Podpisano za in v imenu
ESPAÑOL; 1) Declaración UE de conformidad; 2) Número; 3) Fabricante; 4) La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante; 5) Objeto de la declaración; 6) Tipo de modelo; 7) Designación; 8) Descripción; 9) El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión; 10) Directiva; 11) Estándar; 12) Información Adicional; 13) Firmado por y nombre
SVENSKA; 1) EU-Försäkran om överensstämmelse; 2) Nummer; 3) Tillverkare; 4) Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar; 5) Föremålet för försäkran; 6) Modell/Typ; 7) Beteckning; 8) Beskrivning; 9) Föremålet för försäkran ovan överensstämmer med den relevanta harmoniserade unionslagstiftningen; 10) Direktiv; 11) Standard; 12) Extra information; 13) Undertecknat för och på uppdrag av