



Operator's Quick Reference Guide M230i-T4/T6 Applicator

SAFETY PRECAUTIONS

WARNING: Always read the safety precautions in Product manual before operating this equipment.

Note! This document is only a complement to the Product manual.

WARNING

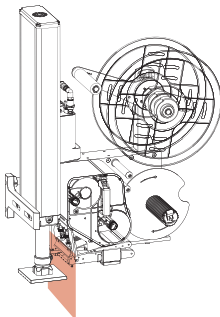


- Isolate electrical power and compressed air supplies before attempting any cleaning or maintenance on the equipment.
- Potentially lethal voltages are present in this equipment. Switch off all electrical supplies before opening any covers.
- When the equipment unit is operating, keep hands, clothing and tools etc. well away from moving parts.
- Do not operate the equipment with any of the protective covers removed.
- Observe all relevant safety precautions regarding the use of compressed air.

CAUTION



- Do not probe the equipment's operating parts with sharp or metallic objects as this will cause operating malfunctions and possible damage.
- Do not allow abrasive dust particles to enter the printing mechanism as this will lead to reduced print head life.
- Always follow the instructions for changing labels and/or ribbon. Only use approved label and ribbon supplies.
- Do not store thermal paper supplies in locations that are subject to direct sunlight, high temperature, high humidity or high dust levels.
- Clean the exterior of the equipment only by wiping with a dry cloth or, if necessary, use a cloth soaked in a mild detergent solution and squeezed out thoroughly.
- Do not use strong solvents on any surface of the equipment.
- Do not pour water or any other liquid directly onto the equipment.



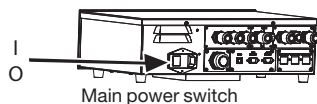
WARNING!

There is a potential risk of (pinch) injury to fingers or hands between the printer and the applicator pad.

The power supply and air supply must be switched off before accessing this area.

Power ON / OFF

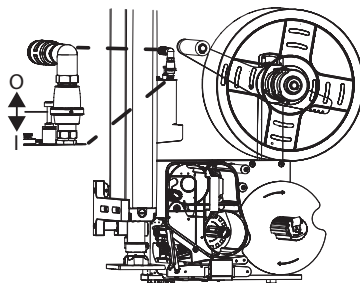
Located at the rear of the PCU unit there is the Main power switch, use the power switch to turn the electrical power ON/OFF.



Compressed air ON / OFF

The manual cut off valve controls the compressed air flow in inside the equipment.

If the compressed air flow is turned off, the applicator stops immediately. Use this function to stop the applicator.

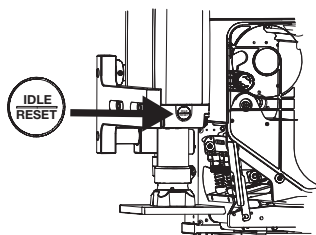


Cut off valve

Applicator Idle /Reset

The Applicator can be stopped manually for service purposes. Push IDLE/RESET button for setting the Applicator to Idle mode. It vents the compressed air system and enables the operator to move the cylinder by hand.

Press and hold the IDLE/RESET button to return to active mode, and air will then return to the compressed air system and the cylinder turns slowly back to its home position, if it has been in a different position.

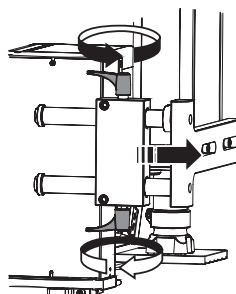


Idle /Reset button

Access the printer

It is possible to move the Applicator to facilitate easy access of the printer. Turn the levers on the Applicator holder and push it aside.

Note: Do not forget to reset the position after the completion of service.



START / STOP / RE-START

The start signals can be made in different ways depending on how the setup is made. See the possibilities below:

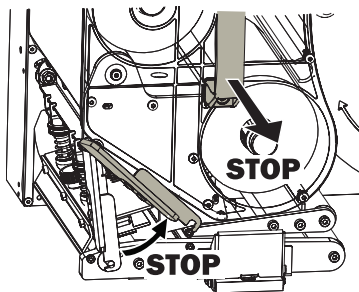
Start Print	Start Apply
Start Print can be done by: • Product detector or other start signal to the printer. • Software • Home position sensor ("Auto print").	The start signal to the applicator can be made by: • Product detector or other start signal to the apply input on the PCU's ACC board • Software • Automatically when the label is printed. <i>Note: A label must be printed - or fed - before the applicator can start.</i>

Stop the printer

There are 3 ways of stopping the printer:

1. By lifting the print head handle (See illustration).
2. By removing the hood (See illustration) (NB! this function can be configured not to stop the machine.)
3. By turning the Main switch off on the PCU.

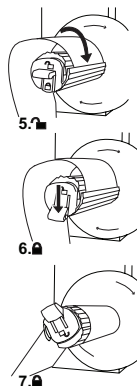
Note: For consumables changeover or any service it is recommended to turn the main switch off on the PCU.



LOAD LABELS

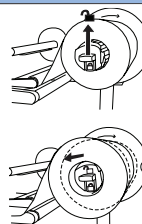
Note: This is a general description of how to change label and ribbon. See the Product manual for further information.

- 1 Open the print head with the lifting handle.
- 2 Open the peel roller.
- 3 Install a new roll of labels and thread them according to the threading diagram.
- 4 Pull the backing paper to the backing paper re-winder.
- 5 Put the backing paper into the slot.
- 6 Close the slot with the lever (See illustration).
- 7 Turn the roller until the backing paper is tight.
- 8 Lower the print head and close the peel roller.
- 9 Position the label according to the Product manual.



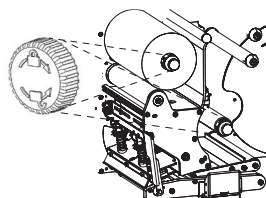
REMOVE LABEL ROLL

- 1 Open the print head with the lifting handle.
- 2 Open the peel roller.
- 3 Remove the empty label roll.
- 4 Open the slot with the lever (See illustration) and release the backing paper.
- 5 Slide out the backing paper.
- 6 Clean the print head and the label-gap sensor.



CHANGE RIBBON

- 1 Remove the hood and open the print head
- 2 Turn the two knobs (see illustration) counterclockwise to open.
- 3 Pull out and remove both the exhausted ribbon roll and the roll with used ribbon and clean the print head.
- 5 Install a new roll of ribbon. (If there is no empty take-up core supplied with the new roll of ribbon, then re-use the empty core just removed)
- 6 Turn the knobs clockwise to close.
- 7 Lower the print head and put back the hood.
- 8 Position the label according to the Product manual.



Note: The labels must pass through the label-gap sensor.
The ribbon must NOT pass through the label-gap sensor. See the threading diagram on the printer for further guidance.

LABEL POSITIONING - See Product manual

Always perform Label positioning after changing labels or ribbon!

PRINT CONTROLS

See the Product manual for more information about the controlling of the printer.

MAINTENANCE

DAILY (approx. 10 minutes)	WEEKLY (10 – 20 minutes)
• Clean the exterior of the equipment. • Clean the print head. • Clean the platen roller and ribbon take-up roller. • Clean the applicator (applicator pad etc). • Clean the label-gap sensor. • Check the position of the applicator pad. • Check the air pressure. • Check the movement of the applicator.	• Carry out DAILY cleaning and maintenance, plus. • Check the friction of the backing paper re-winder. • Check the platen roller and ribbon take-up roller for damage and dirt. <i>(Clean or replace if necessary)</i> • Check the function of the machine stop <i>(if fitted)</i>.

TROUBLESHOOTING – FIRST CHECK (before calling a technician)

PRINTER FAILS TO PRINT	POOR PRINT QUALITY
• The power/air supplies are not switched on. • Mains cable is loose. • The labels and ribbon are not correctly threaded. • The applicator is not in the “home position”. • Machine Stop/Emergency Stop is triggered. • Any error messages in the display? • Print head is up • The hood is not fitted • Peel roller is open	• The print head is dirty. • The platen roller is damaged or dirty. • Incorrect label and/or ribbon material.
	LABELS DO NOT STOP IN THE CORRECT POSITION
	• Labels are slipping on the rollers. Clean all rollers.
THE RIBBON WRINKLES	THE RIBBON REWIND DOES NOT OPERATE CORRECTLY
• The ribbon is incorrectly threaded. • The print head wires are touching the ribbon.	• The ribbon is incorrectly threaded.