CLEANING AND DISPENSING



Plasma Cleaning FX-PC00

Inline XYZ programmable robotic cell for plasma cleaning.
Suitable for PCBs, plastic housings and metal surfaces.
Plasma gun selected according to the applications.





Plasma Cleaning FX-PC00

Technical Features

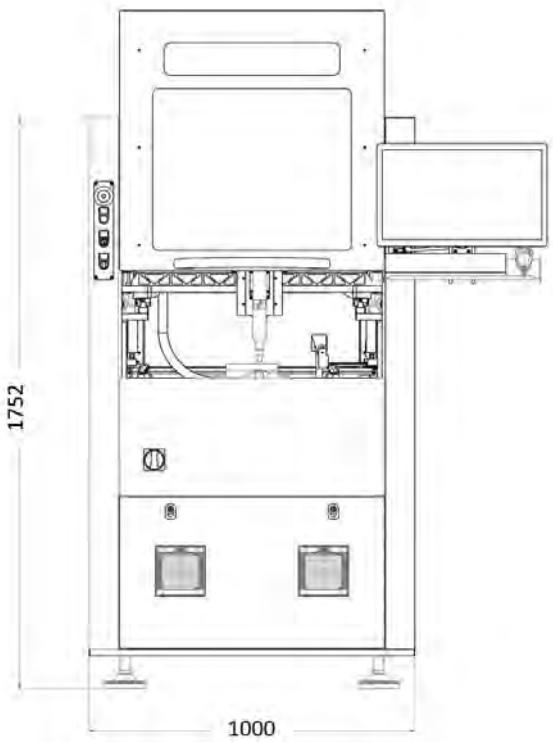
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 Kg

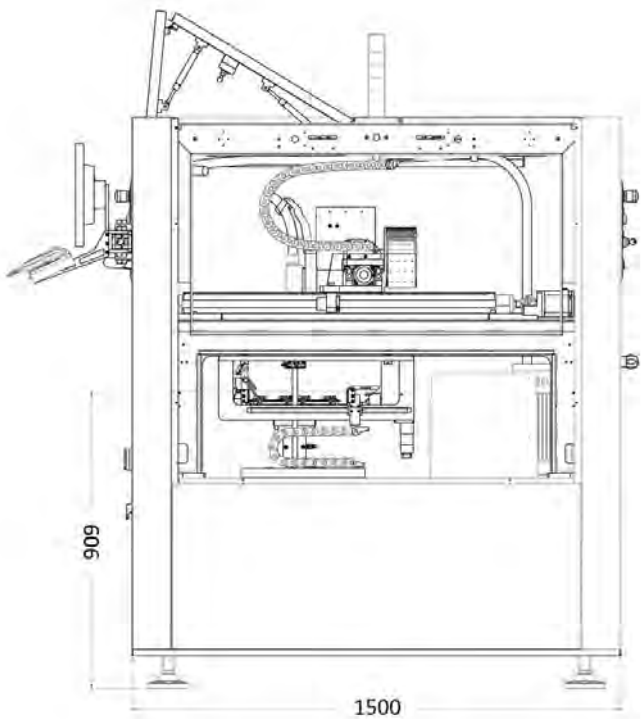
PCB specification

- PCB specification
- Max/Min PCB width 500 mm/100 mm
- Max /Min PCB length 400 mm/100 mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Barcode reader

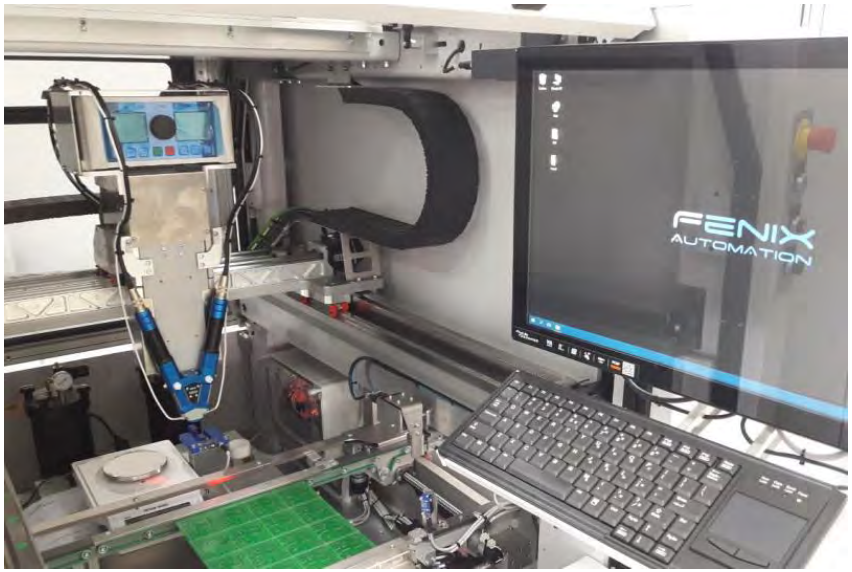




https://bit.ly/FENIX_PLASMA

Glue Dispenser FX-PD01 / PD03 / PD04





Inline XYZ programmable robotic cell for mono & two components glue dispensing.
Suitable for gluing and sealing.

- Nozzle alignment sensor
- Weight scale for amount dispensing control
- Purge container with overflow sensor
- Dispensing valve selected according to the application

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INDUSTRIAL PROCESSING SOLUTIONS

Glue Dispenser FX-PD01 / PD03 / PD04

Technical Features

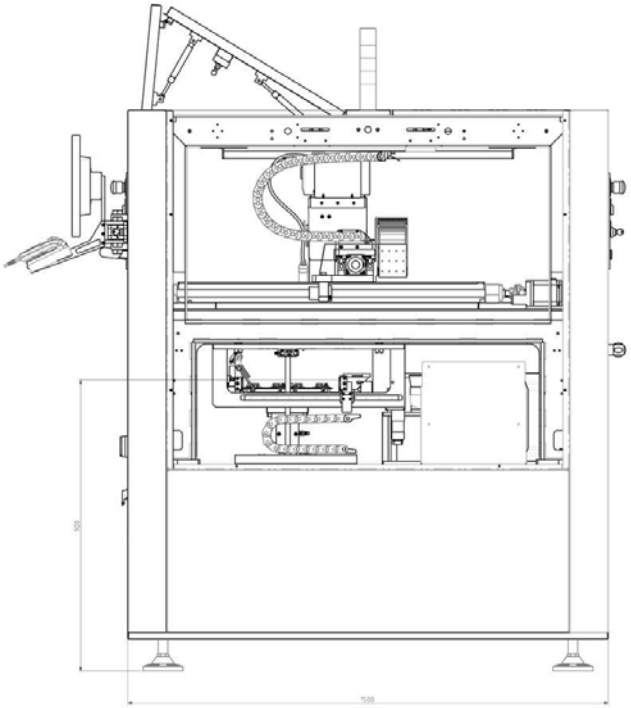
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 Kg
- Suitable conveyor for pallet and PCB

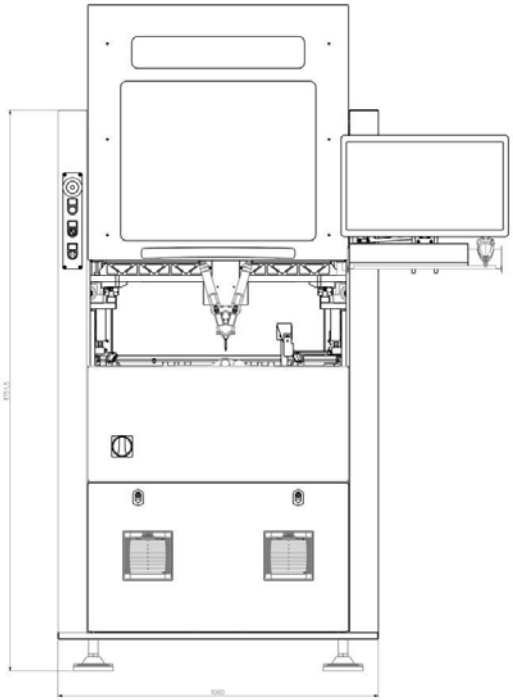
PCB specification

- Max/Min PCB width 500 mm/100 mm
- Max /Min PCB length 400 mm/100 mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Barcode reader





Solder Paste Dispenser FX-PD02



In line XYZ programmable robotic cell for Solder paste dispensing.
Suitable for overdosing on reflow soldering processes.

- Nozzle cleaning station
- Nozzle alignment sensor
- Camera for board alignment

Solder Paste Dispenser FX-PD02

Technical Features

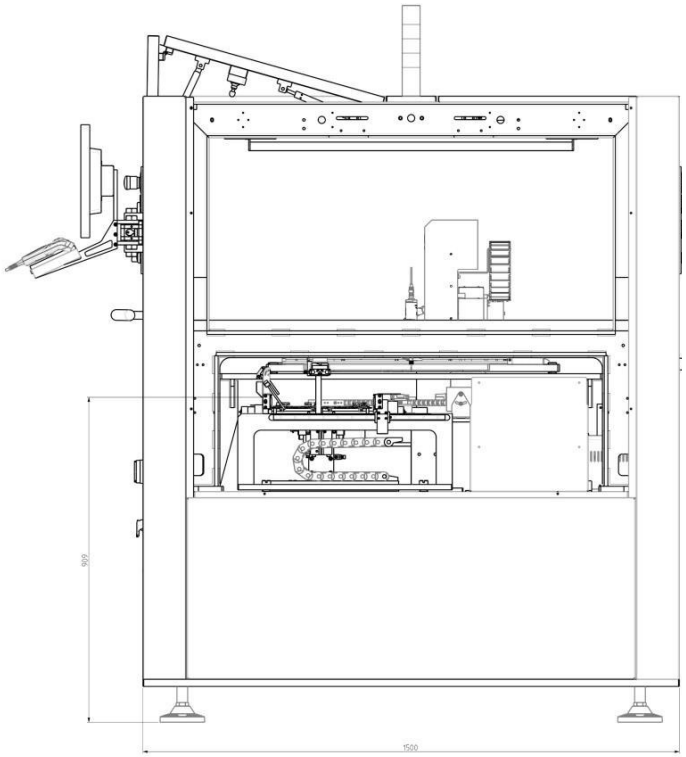
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 kg
- Suitable conveyor for pallet and PCB

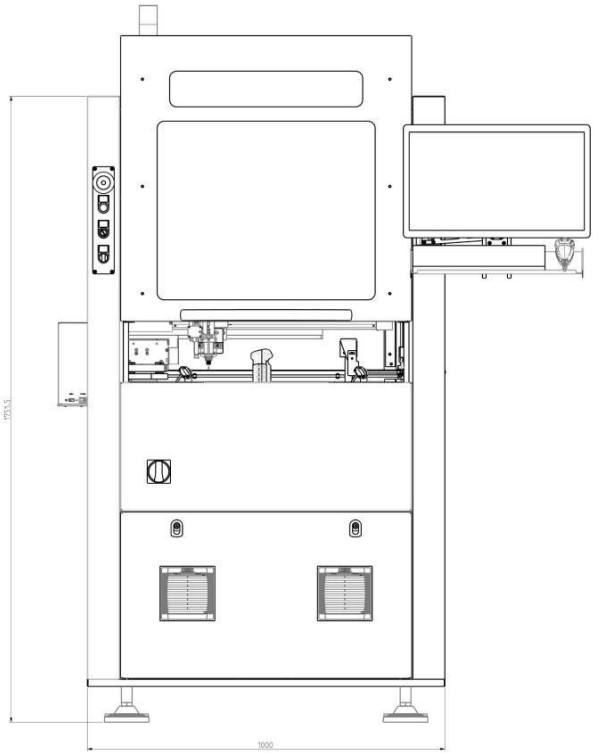
PCB specification

- Max/Min PCB width 500 mm/100 mm
- Max /Min PCB length 400 mm/100 mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Barcode reader





PCB Cleaner Conveyor FX-PC02



In line system to remove dust from PCB before screen printer process.
Ionized air blade and no contact vacuuming system.

Integrated vacuum pump including fine filtration system.

PCB Cleaner Conveyor FX-PC02

Technical Features

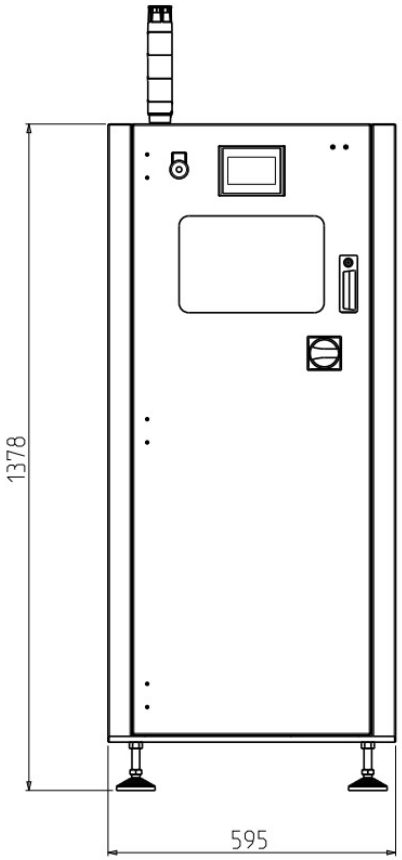
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Ionizer
- No contact vacuuming system
- SMEMA interface
- Power Supply - 400V 3Ph 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 250 kg

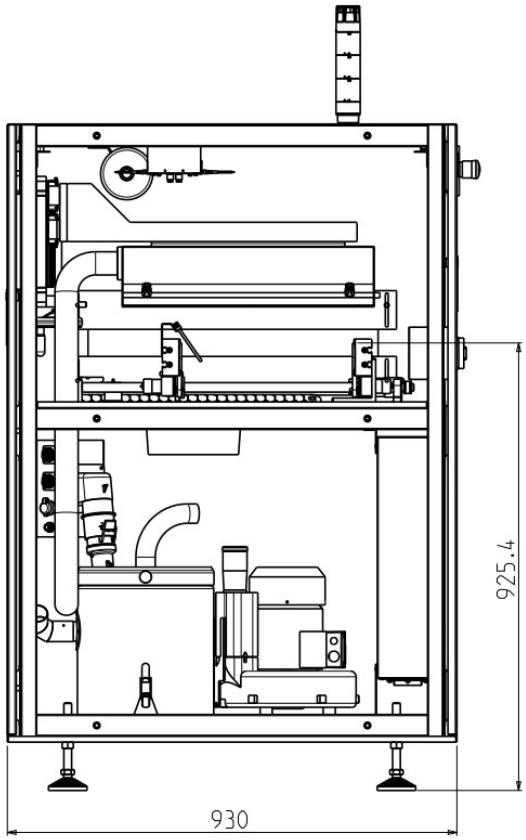
PCB specification

- Max/Min PCB width 470 mm/100 mm
- Max /Min PCB length 500 mm/100 mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)





Inline Debubbler Cell FX-PV00



The Inline Debubbler Cell is used to extract the air bubbles after conformal coating process.
Thanks to the integrated powerful vacuum pump, the air bubbles extraction process is accurate and rapid.



Before bubbles extraction



After bubbles extraction

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INDUSTRIAL PROCESSING SOLUTIONS

Inline Debubbler Cell FX-PV00

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P=2kW
- Integrated vacuum pump
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 400 kg
- Max PCB dimension L=330 x W=330 mm
- Automatic Safety Shutter

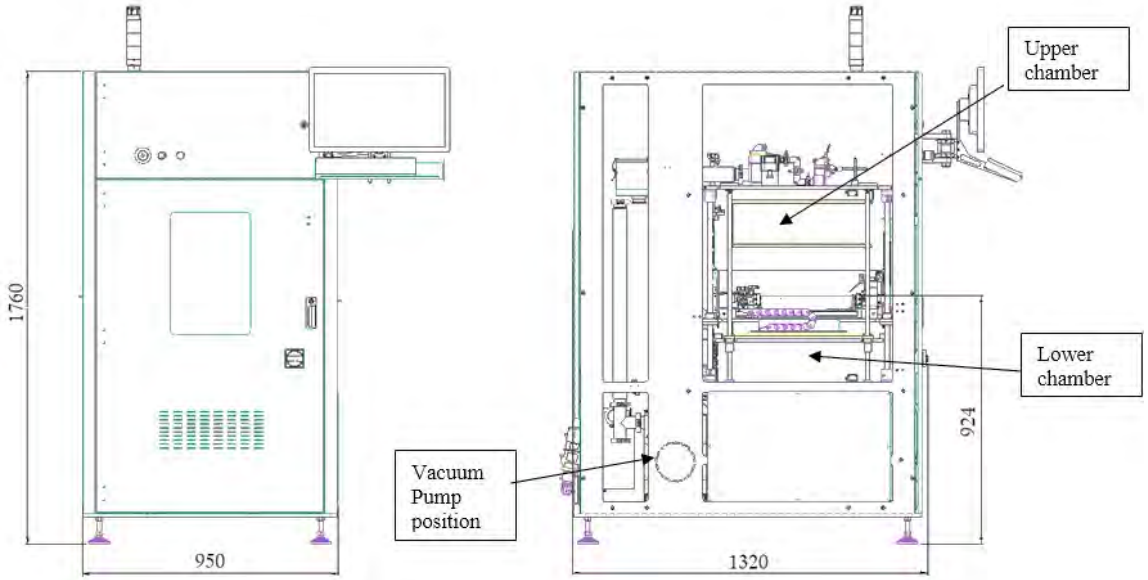
PCB specification

- Max/min PCB width 330 mm/100 mm
- Max /min PCB length 330 mm/100 mm
- Max PCB weight 2 Kg

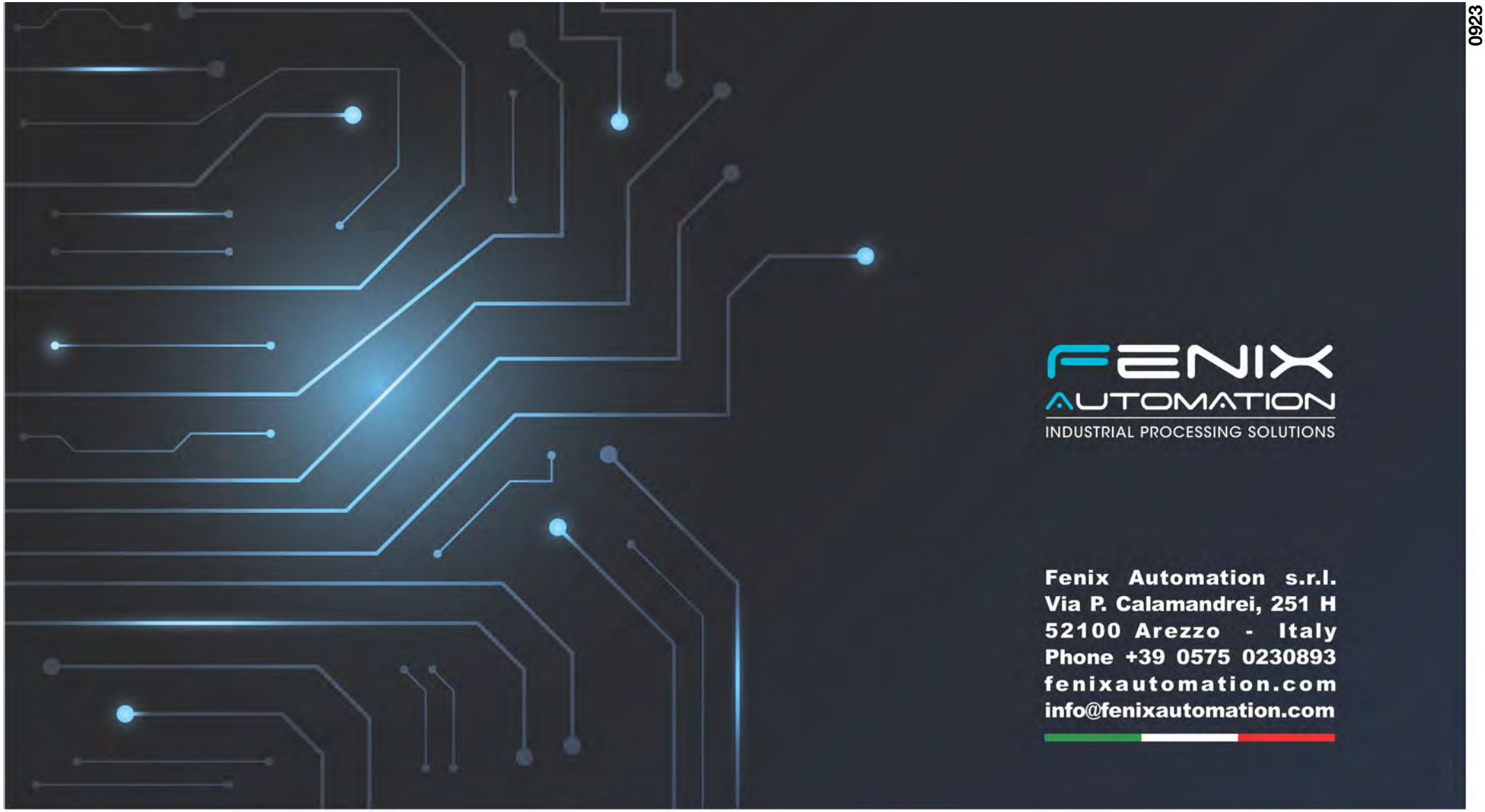
Options

- Returning conveyor





NOTES



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FENIX AUTOMATION

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