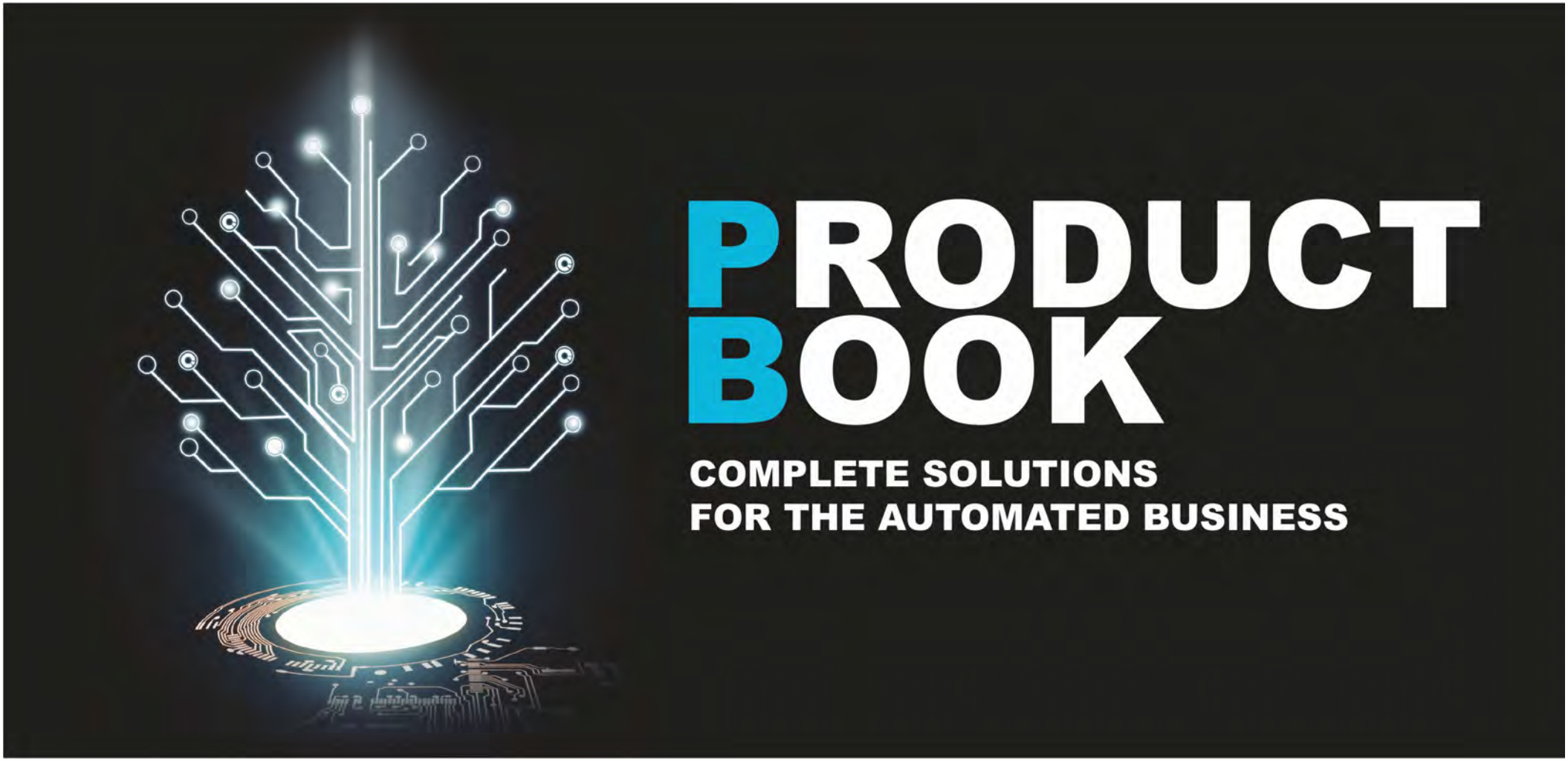

FENIX AUTOMATION

INDUSTRIAL PROCESSING SOLUTIONS

www.**fenixautomation**.com

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WHAT WE DO

Electronics, mechanics and IT: we give movement to your ideas.

Customization is one of our greatest strengths, with the design and implementation of “tailor-made” processes to automate any functionality and any process. Modules, services and accessories are tailored to the specific needs of customers engaged in sectors such as, for example, electronics, automotive, agricultural, telecommunications, mechanical and health-medical: our challenge is to give movement to every idea and every need, proposing solutions electronics, mechanics and logic to optimize and make the different work phases more efficient.
All this, with the aim of facilitating the production and production processes increase the same productivity.

Complex and integrated systems for the production of electronic boards

We offer a complete and versatile catalog with solutions for each phase of the production cycle of an electronic board, ranging from modules, systems and cells that allow you to automate all processes. We study the most functional solutions for each company to facilitate and improve the production of a circuit printed through the customization of individual components or the provision of fully customized systems. From cells for assembly to tests of functionality, from inspection to handling of circuits, from cutting to storage, up to moving with automatic mobile robots: we are able to take care of the entire production cycle online, or to provide you with machinery to be used individually or to be integrated into already operational processes. Our lines, automatic or semi-automatic, they are made with quality components and with careful attention to every detail, ensuring reliability for small, medium or large volumes.

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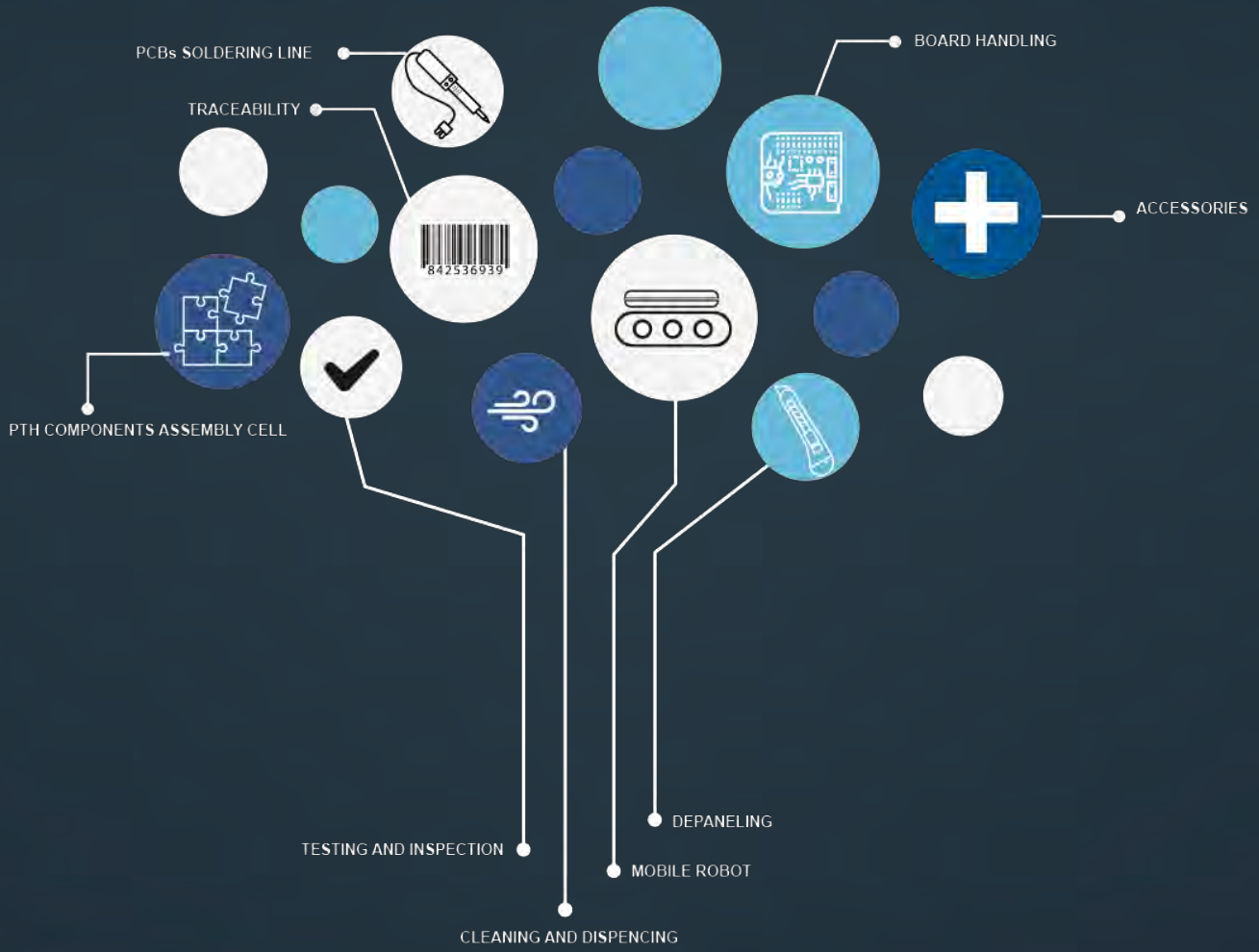
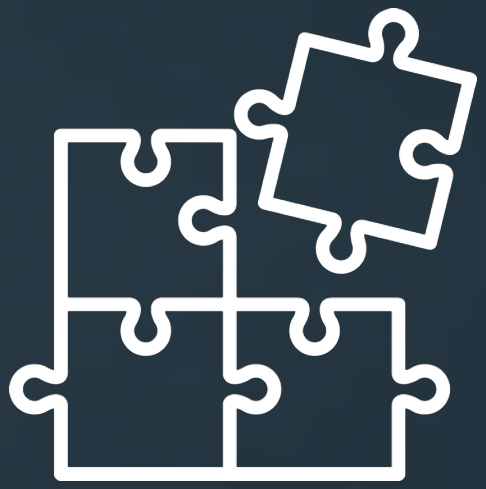
OUR PRODUCTION FOR YOUR BUSINESS



PTH COMPONENTS ASSEMBLY CELL



PTH Assembly Cell FX-AO00

Robotic cell for a wide range of exotic component assemblies on PCBs

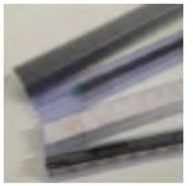
Loose components

Radial components

Metallic pins

Axial components

Metallic tape



Components in tube packaging

FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

Pth Assembly Cell FX-AO00

Technical Features

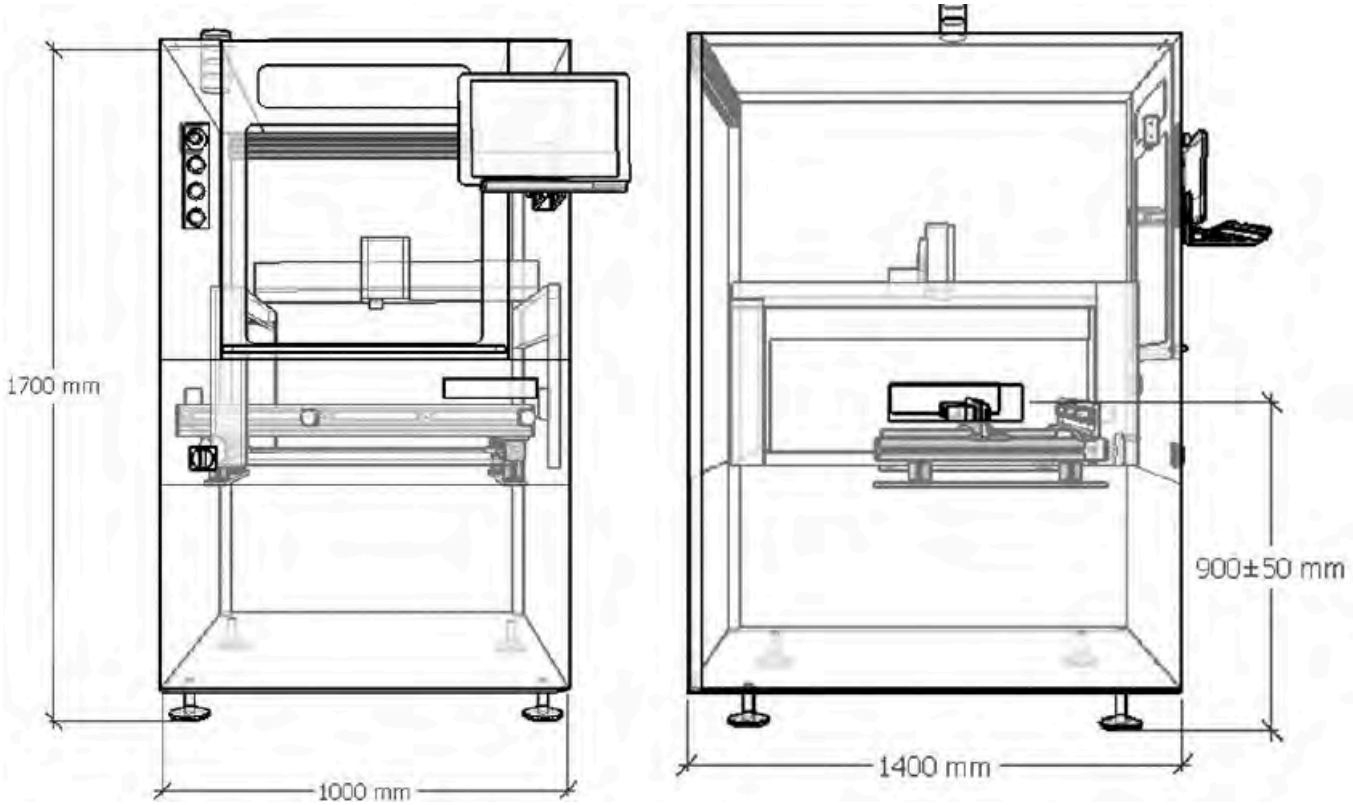
- Line length 1.000 mm
- In – Out SMEMA Interface
- Feeding capacity – up to 6 feeders
- Components -up to 9 different components codes
- Automatic tools change system
- Tools capacity – 3 pcs
- Mechanical board alignment
- Down force 160 N
- Insertion test routine
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 1100 kg

PCB specification

- Max/Min PCB width 400 mm/100 mm
- Max /Min PCB length 460 mm/100 mm
- Max PCB weight 2 Kg

Options

- Passive clinching system
- Programmable Active Clinching
- Pin in paste technology
- Vision system for board alignment
- Down force 400 NZ
- Pins calibration station
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Customization upon request



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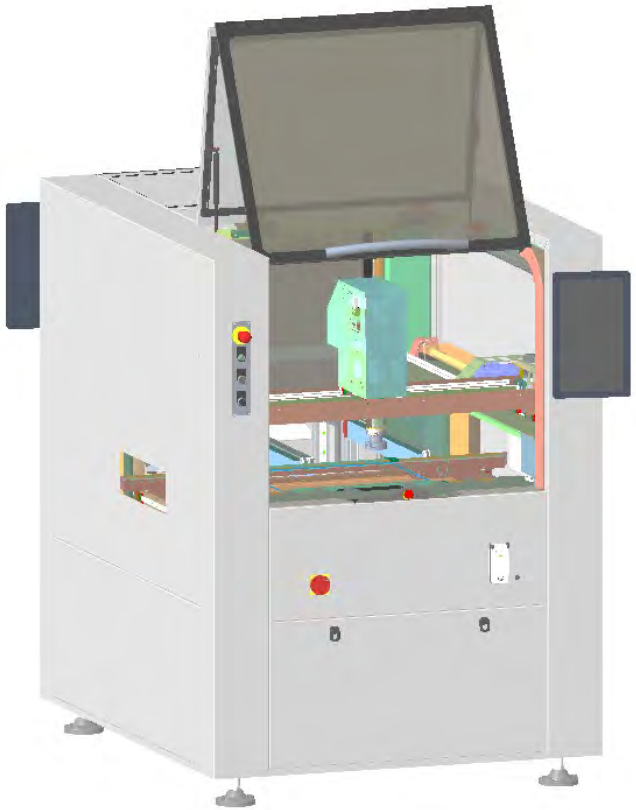
PTH Assembly Cell FX-AO30



Robotic cell for a wide range of exotic component assemblies on PCBs

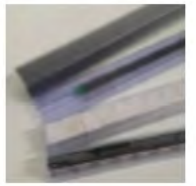
Loose components

Radial components

Components on tray

Axial components

Metallic tape



Components in tube packaging

FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

PTH Assembly Cell FX-AO30

Technical Features

- Line length 1300 mm
- In – Out SMEMA Interface
- Feeding capacity – up to 9 Slot
- Components -up to 20 different components codes in one machine
- Automatic tools change system
- Tools capacity – up to 6 pcs
- Feeder trolley
- board alignment –By vision system
- Down force 160 N
- Insertion test routine
- 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 1600 kg

PCB specification

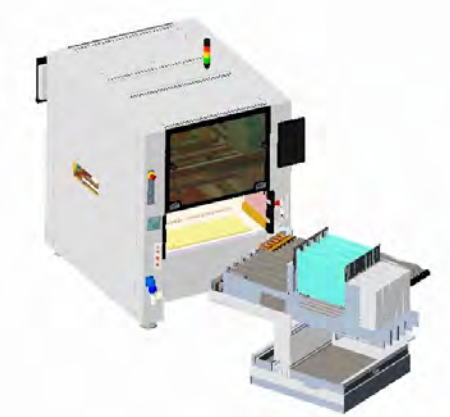
- Max/Min PCB width 400 mm/100 mm
- Max /Min PCB length 500 mm/100 mm
- Max PCB weight 2 Kg

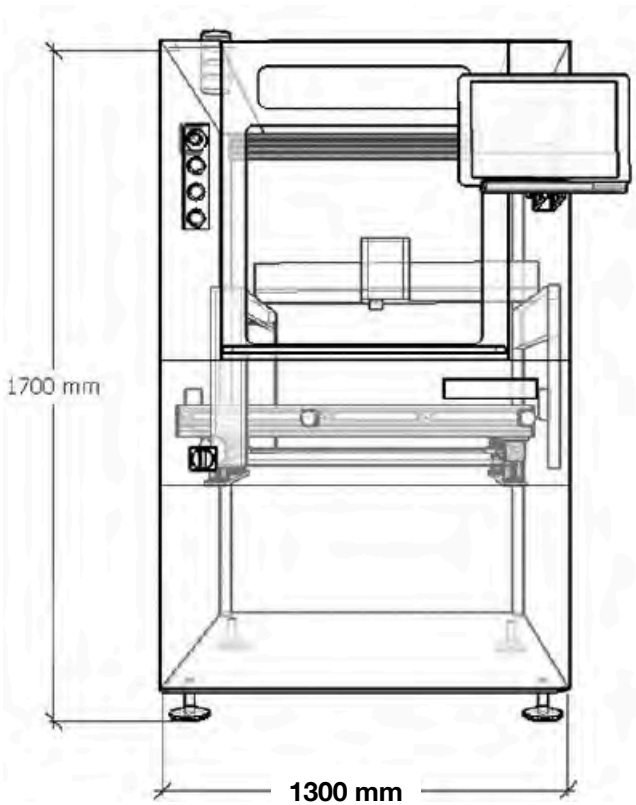
Options

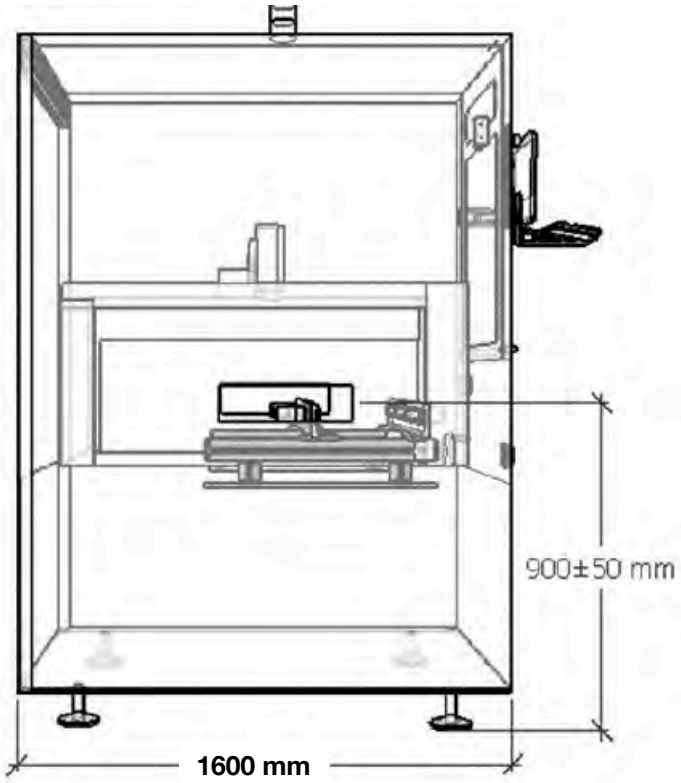
- Passive clinching system
- Programmable Active Clinching
- Pin in paste technology
- Down force 400 N
- Pins calibration station
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Customization upon request
- Additional feeder trolley

Tray feeder

Radial & tube Feeder on trolley



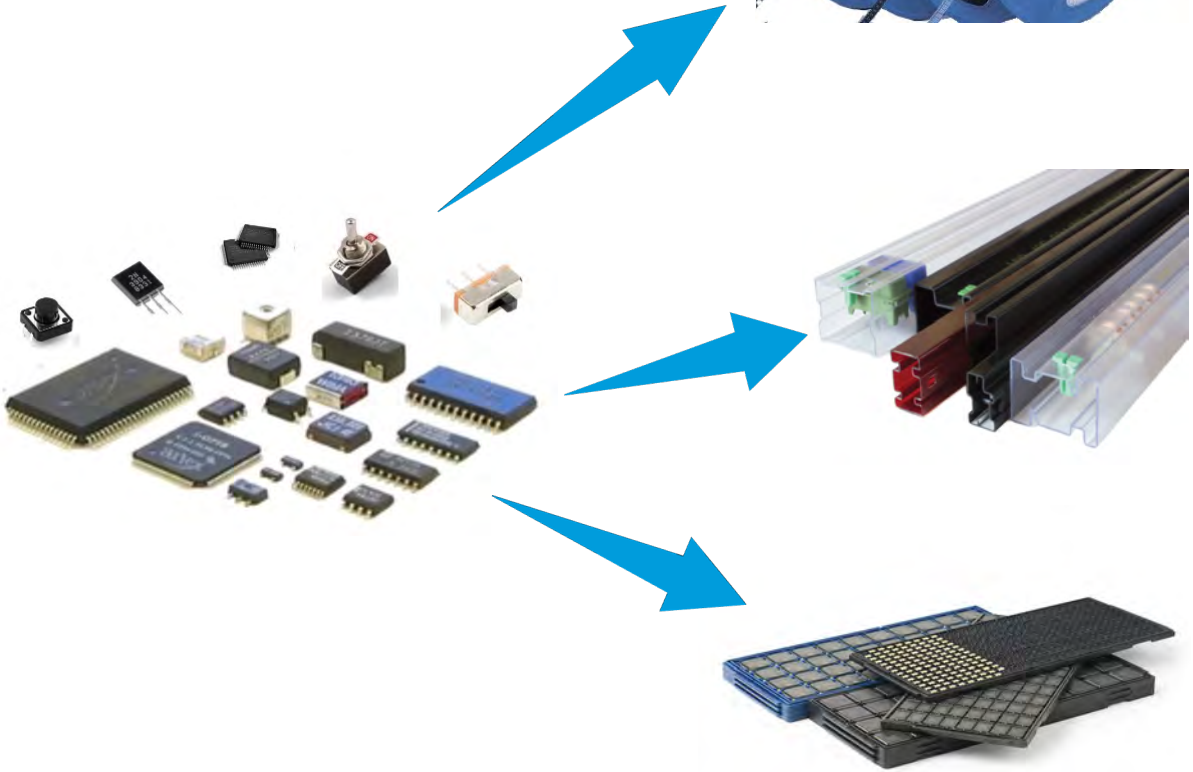




Packaging Cell FX-CA07

Packaging Cell

Stand alone robotic cell to automatically package electronic components in standard package as reel, tube ore try. Suitable also to perform functional test before packaging.



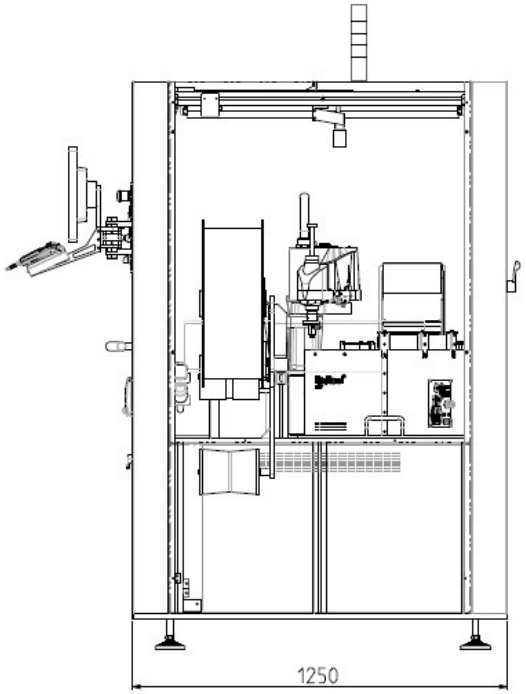
Packaging Cell FX-CA07

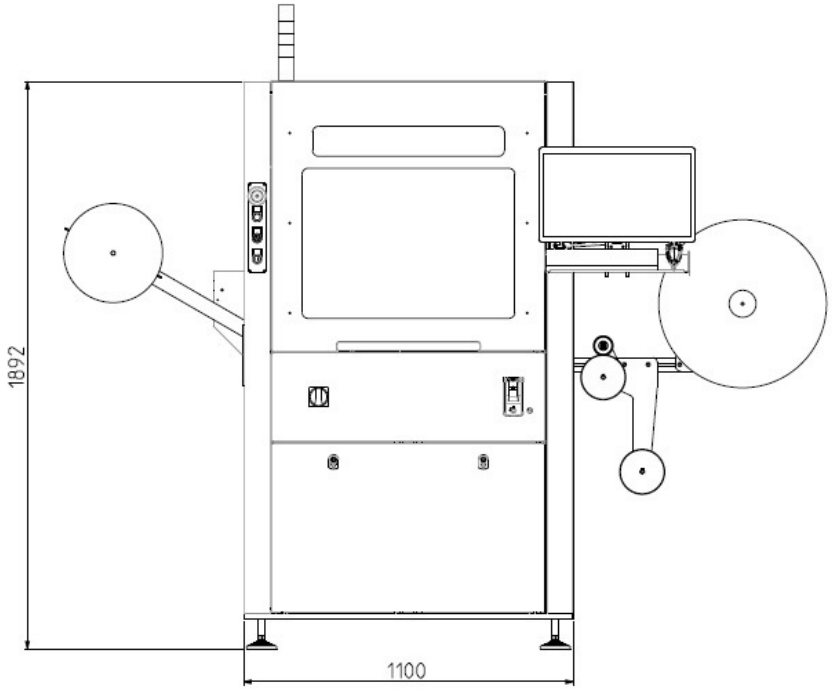
Technical Features

- Average foot print 1.500x1.500mm
- Feeding capacity – one components type per time
- Tools capacity – 1 pcs
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 16A
- Weight 400 kg

Options

- Tray feeder
- Tube feeder
- Reel packaging system
- Test system
- Customization upon request





CLEANING AND DISPENCING

Plasma cleaning FX-PC00

Plasma cleaning

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

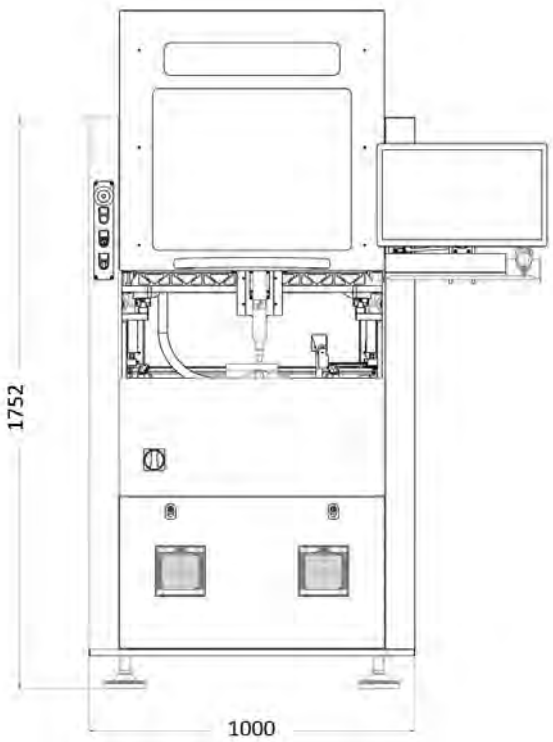
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 Kg

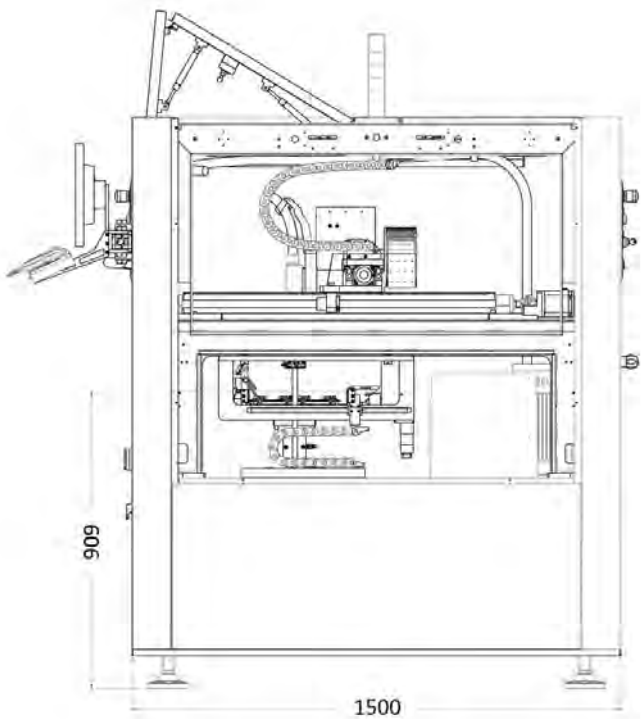
PCB specification

- 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





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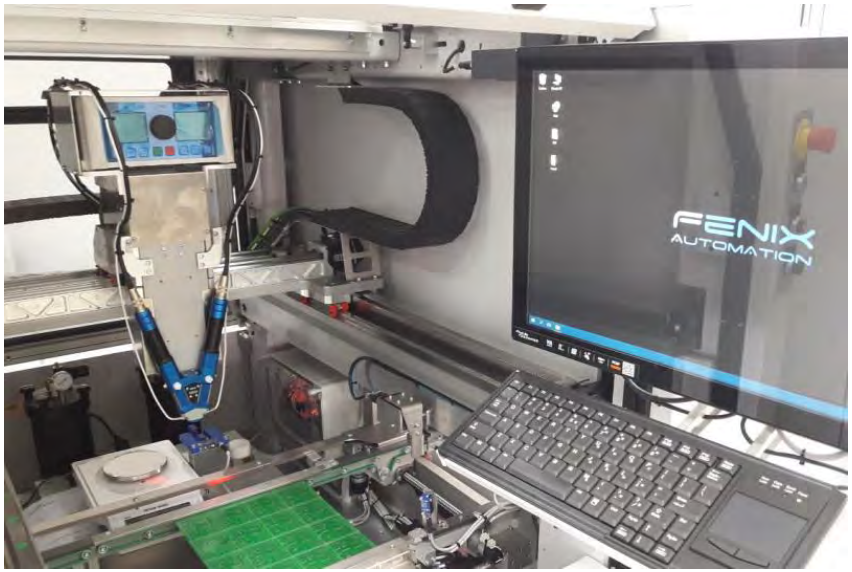
Glue dispenser FX-PD01 / PD03 / PD04



Glue dispenser

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

Glue dispenser FX-PD01 / PD03 / PD04

Technical Features

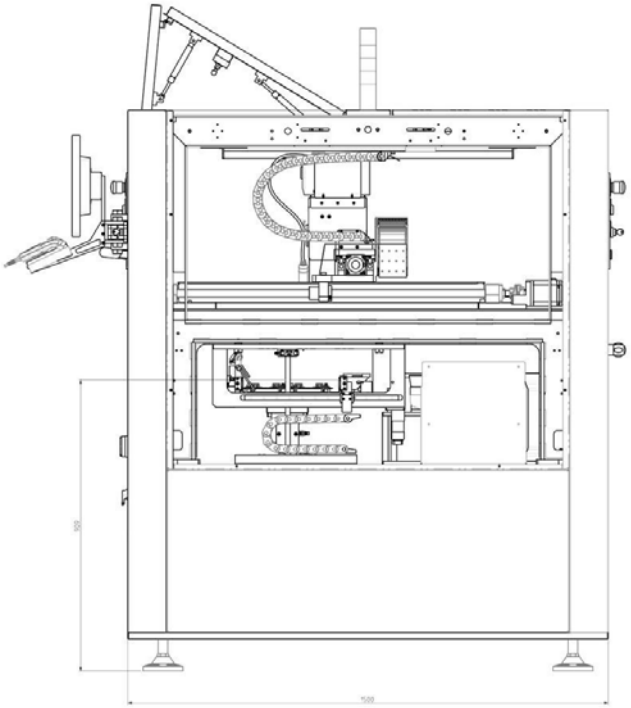
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 Kg
- Suitable conveyor for pallet and PCB

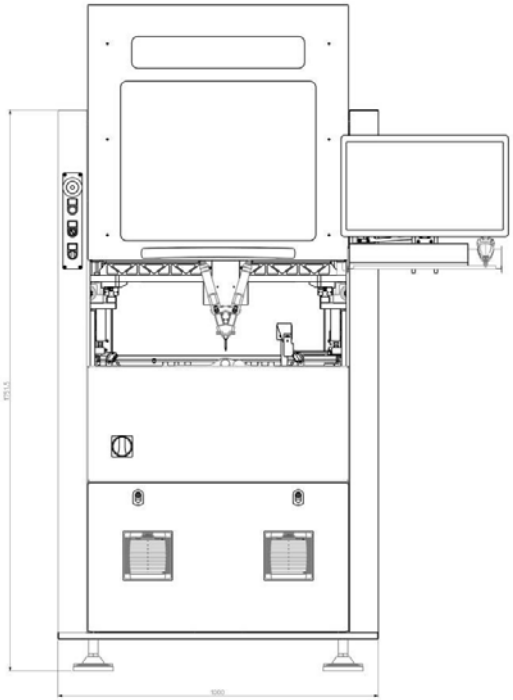
PCB specification

- 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

Solder paste dispenser

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

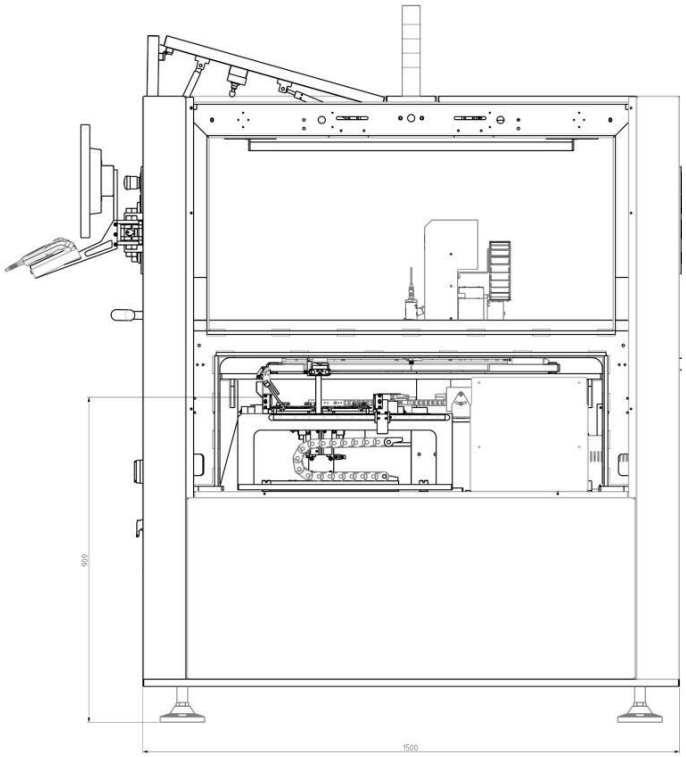
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 800 kg
- Suitable conveyor for pallet and PCB

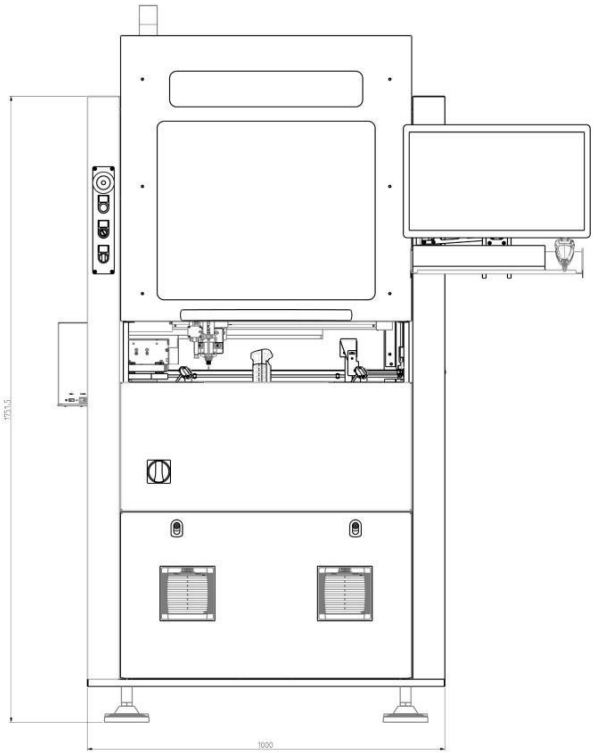
PCB specification

- 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

PCB Cleaner conveyor

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

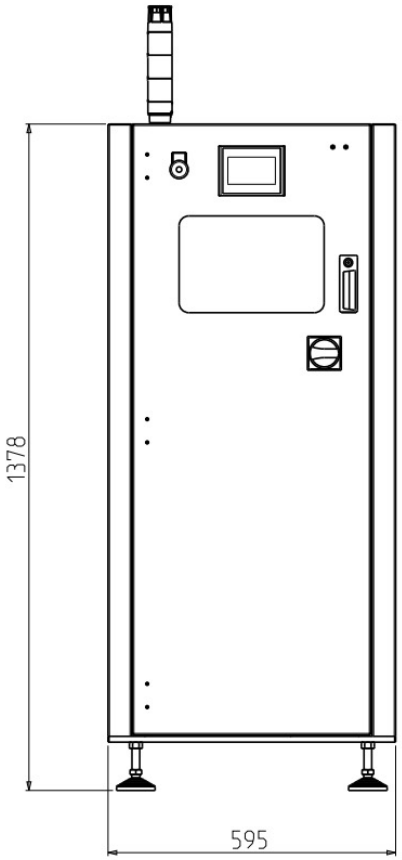
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Ionizer
- No contact vacuuming system
- SMEMA interface
- Power Supply - 400V 3Ph 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 250 kg

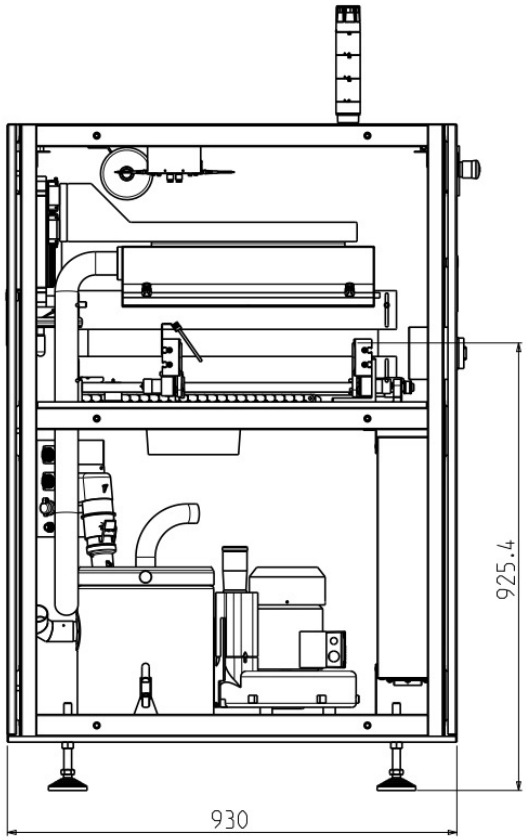
PCB specification

- 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

In line debubbler cell

The in line debubbler cell is used to extract the air bubbles after conformal coating process
Thanks to the integrated powerful vacuum pomp, the air bubbles extraction process is accurate and rapid

Before bubbles extraction

After bubbles extraction

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In line Debubbler FX-PV00

Technical Features

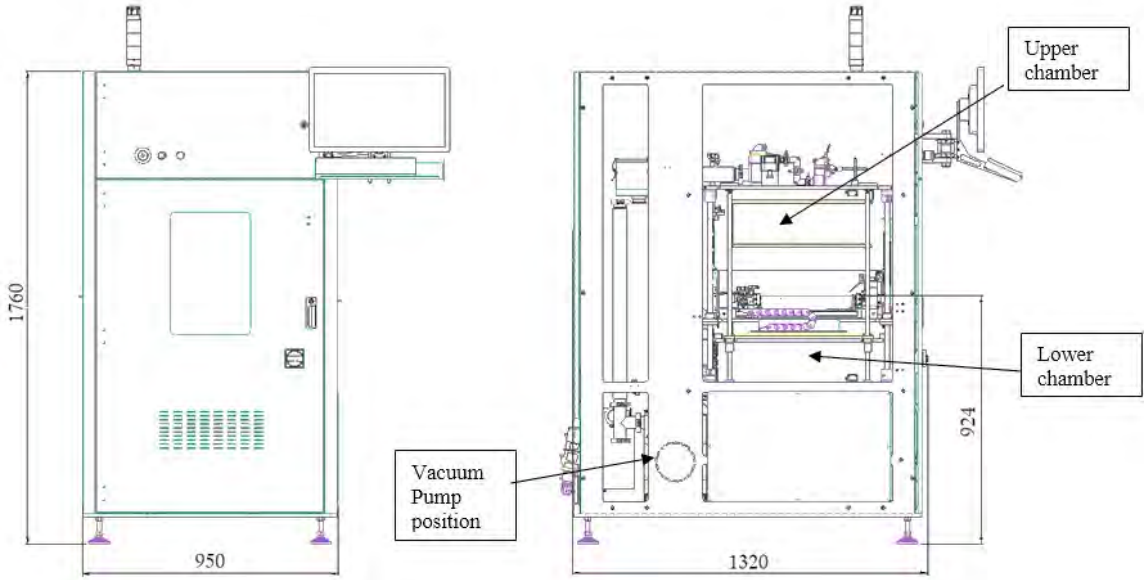
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P = 2kW
- Integrated vacuum pump
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 400 kg
- Max PCB dimension L=330 x W=330 mm
- Automatic Safety Shutter

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



INDEX

TESTING AND INSPECTION

Test handler FX-NH00

Test handler

Inline functional test with automatic loading and unloading of specific products or PCB

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- In out safety shutters
- Interchangeable upper and lower fixture
- Space for test system / instrument integration
- In Line Capability
- Returning Conveyor
- Servo Driven Press
- Camera Inspection
- LED Verification
- Trimmer Adjustment and Switching
- Code Reading
- Traceability Environment Compliant

Test handler FX-NH00

Technical Features

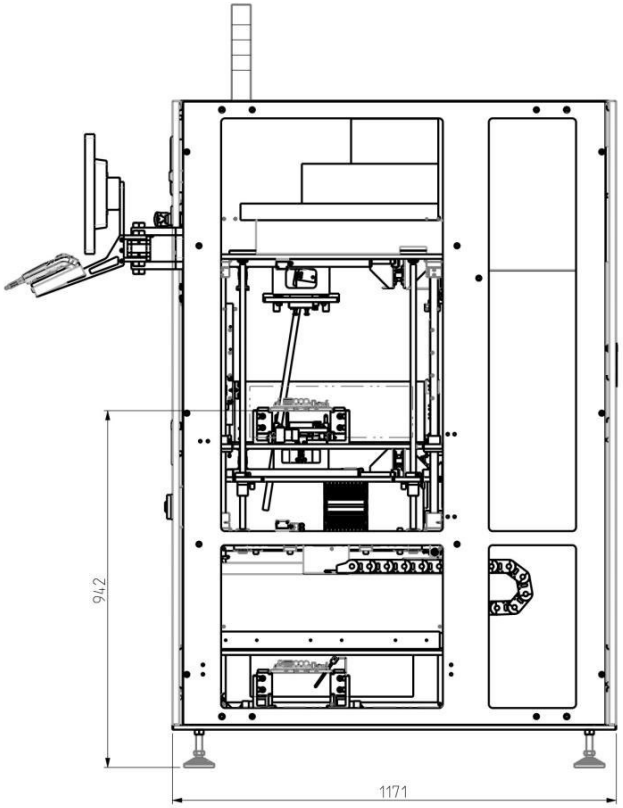
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std. conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Press force up to 2500N
- Weight 400 kg

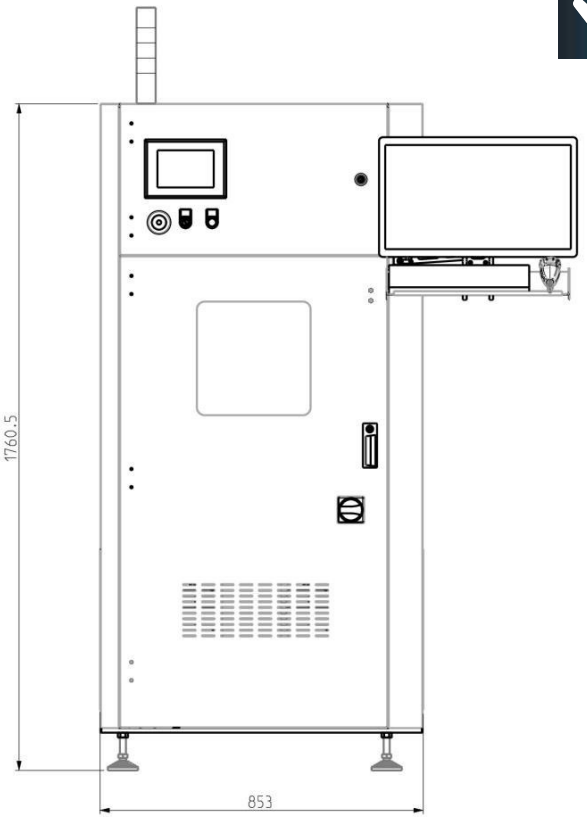
PCB specification

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

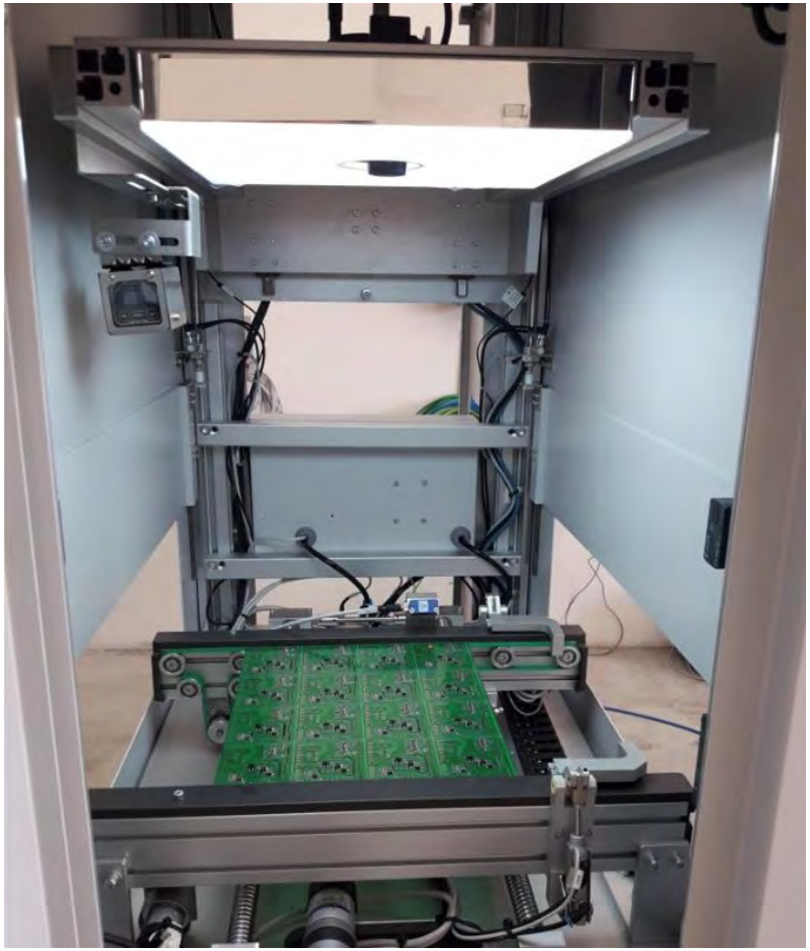
Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Customized upper and lower fixture
- Bypass conveyor
- Returning conveyor





Inspection unit FX-PI00 / PI01 / PI02



Inspection unit

Automatic, in line, inspection system.
Suitable for:

- Post-dispensing verification
- Post-manual assembly verification

Inspection unit FX-PI00 / PI01 / PI02

Technical Features

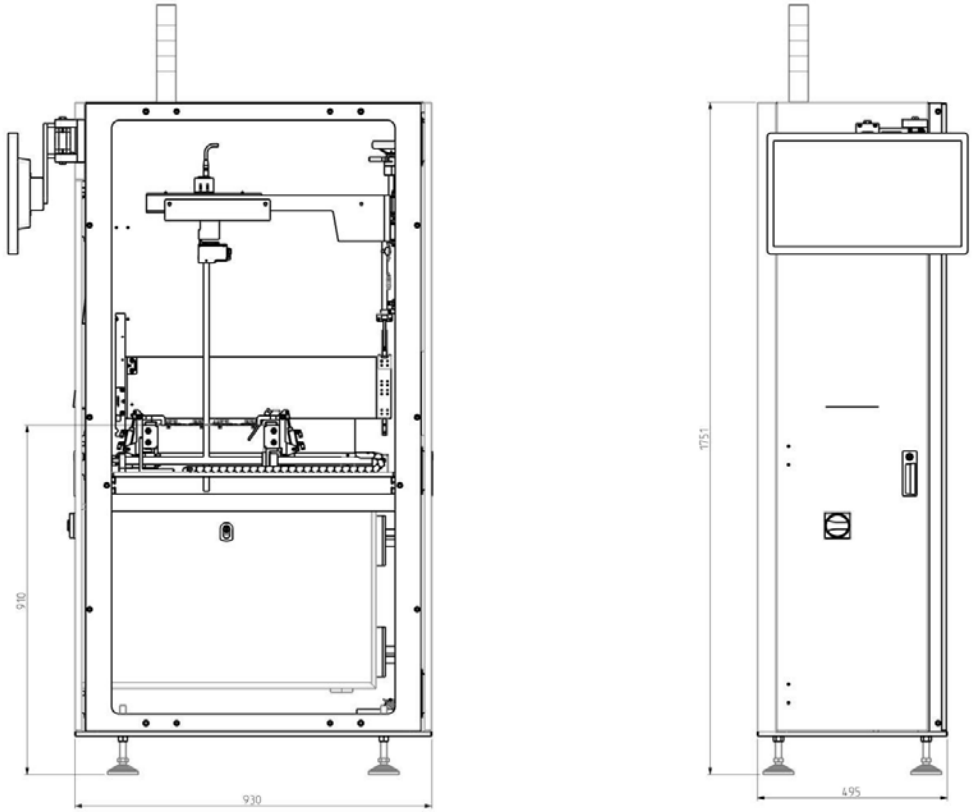
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 2 A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg
- Suitable conveyor for pallet and PCB

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

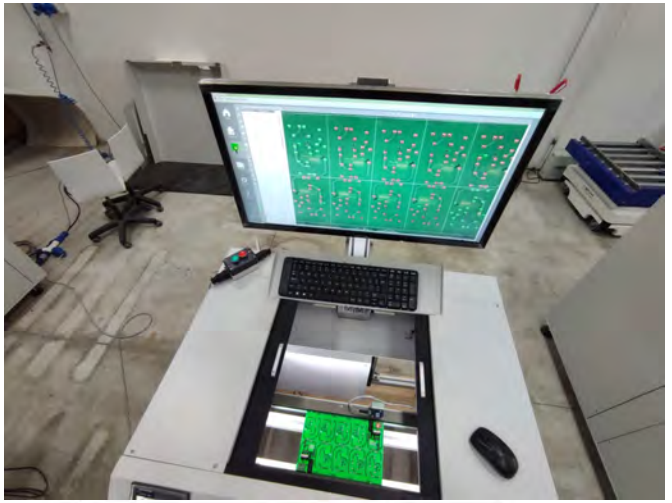


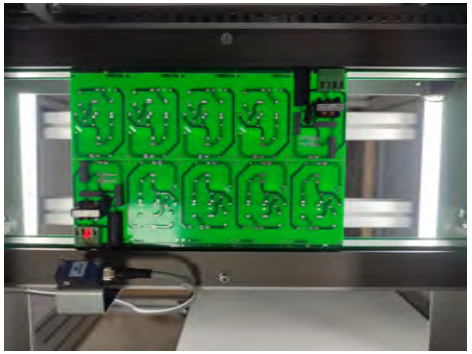
AOI unit HORUS FX-PI09

AOI unit HORUS

Automatic, in line, inspection system.

- Verification of pin through hole presents before soldering process
- Sigle or multiple PCB inspection verification
- Easily programmable procedure
- Avoid repair and touch-up after soldering process





AOI unit HORUS FX-PI09

Technical Features

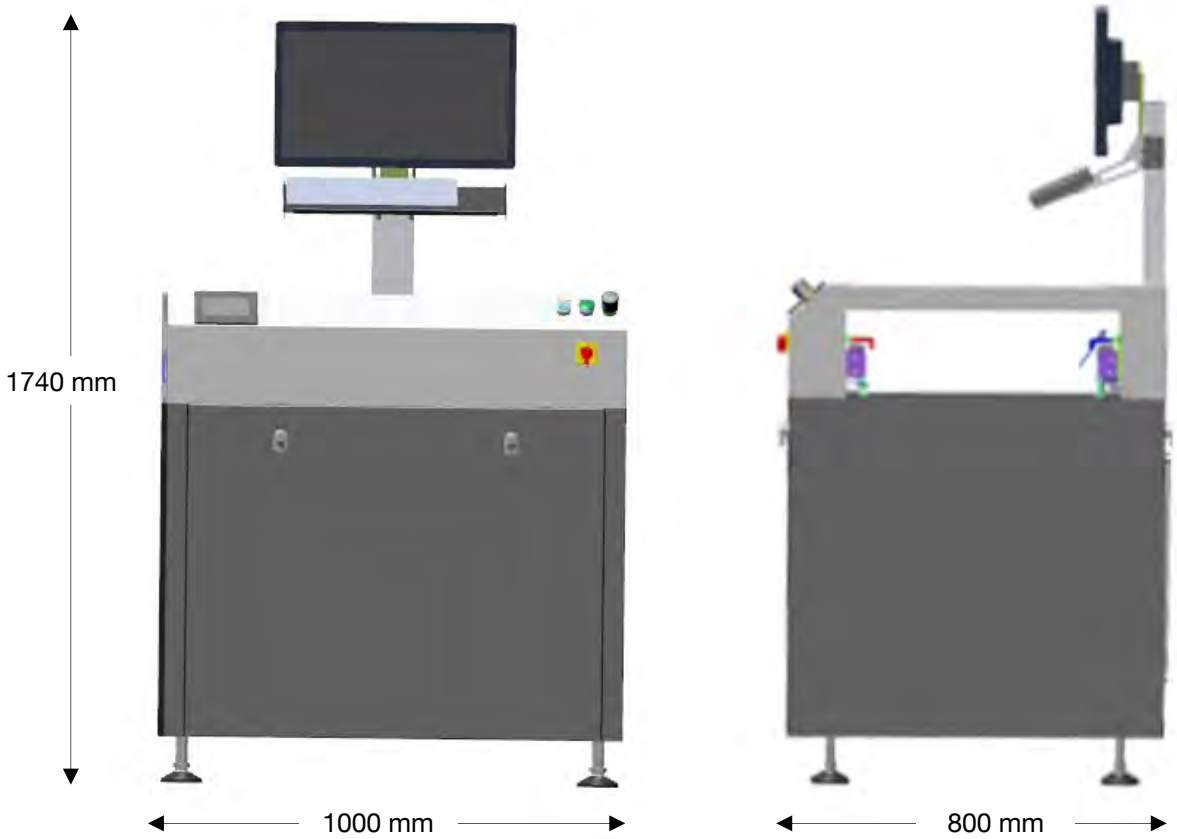
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 2 A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Unit Weight 150 kg

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
- Conveyor for pallet handling
- Fail interceptor functionality



AOI unit Mek Marantz FX-PI07

AOI unit Mek Marantz

Automatic, in line, inspection system.

- Verification of PTH soldering joints.
- Suitable for PCBs end soldering frame.
- Easily programmable procedure.

AOI unit Mek Marantz FX-PI07

Technical Features

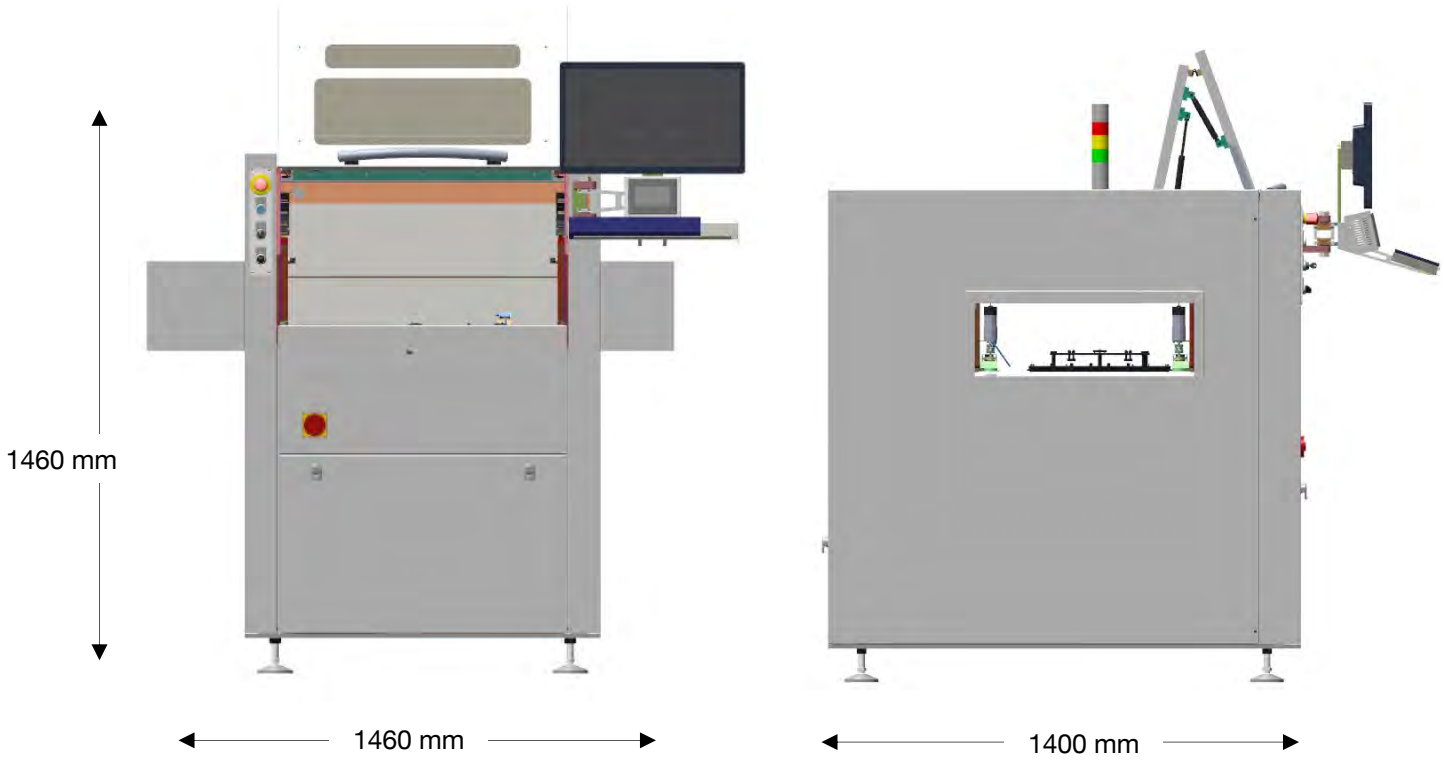
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Dynamic Conveyor (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 2 A
- Std conveyor speed 12 m/min
- Manual Width Adjustment (TWA)
- Unit Weight 250 kg

PCB specification

- Max/Min PCB width 500 mm/100 mm
- Max /Min PCB length 400 mm/100 mm
- Max PCB or pallet weight 4 Kg

Options

- Automatic Width Adjustment (AWA)
- Barcode reader



https://bit.ly/FENIX_AOI

INDEX

DEPANELING

In-line depaneling cell FX-RA00

In-line depaneling cell

- Suitable for medium and high volume production
- New product setup < 3 minutes
- Camera for manual teaching
- Cutting route importable from DXF files
- Compact foot print
- Upper robot suitable for pallet loading

In-line depaneling cell FX-RA00

Technical Features

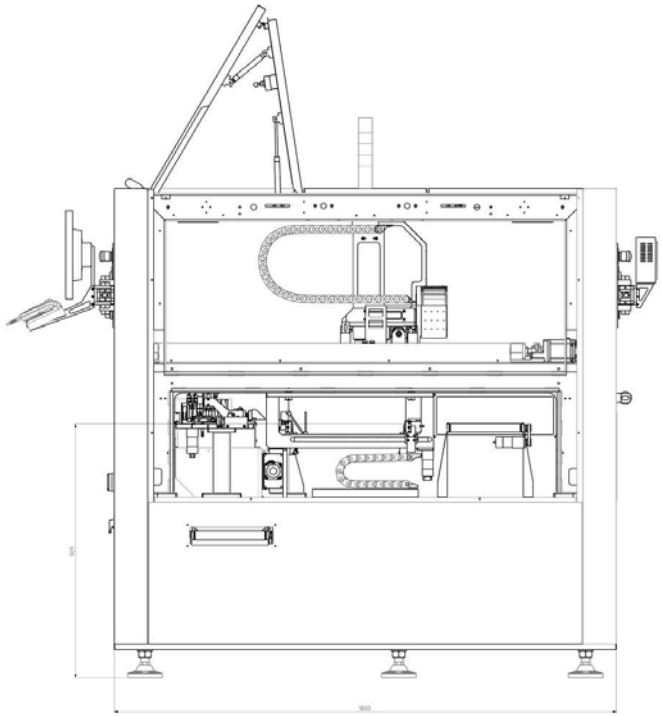
- Line length 1.000 mm
- In – Out SMEMA Interface
- Semi-automatic specific product gripper change system
- Continuous bit inspection
- Automatic bit changing system
- ESD Safety Design
- Ionized working environment
- Direct import of routing programs from .dxf files
- CE Certification
- PCB Conveyor:
    - a. Flat belt (3 mm carrying edge)
    - b. Std speed 12 m/min
    - c. Electric Width Adjustment (EWA)
- Flat belt outfeed conveyor for de-paneled boards
- Embedded dust suction pipe (PCB bottom side)
- Automatic scrap material evacuation
- Power Supply - 230Vac 50/Hz 16A
- Weight 1.300 kg

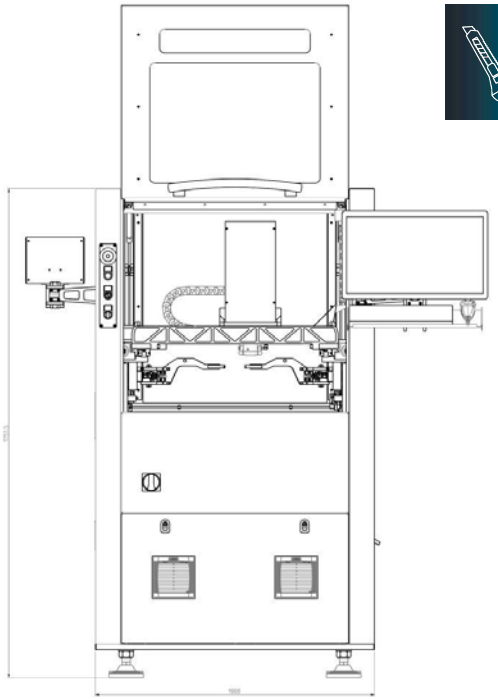
PCB specification

- Max/Min PCB width 400 mm/100 mm
- Max /Min PCB length 450 mm/100 mm
- Max PCB weight 2 Kg

Options

- Specific product gripper
- External dust extractor





https://bit.ly/FENIX_RA00

Standalone depaneling cell FX-RA50

Standalone depaneling cell RA-50

- Suitable for high mix production
- New product setup < 3 minutes
- Cutting route importable from DXF files
- Hand pendant for manual teaching
- Compact foot print
- Double fixture shuttle for loading time optimization
- Loading/Unloading area protected by optical barrier

Standalone depaneling cell FX-RA50

Technical Features

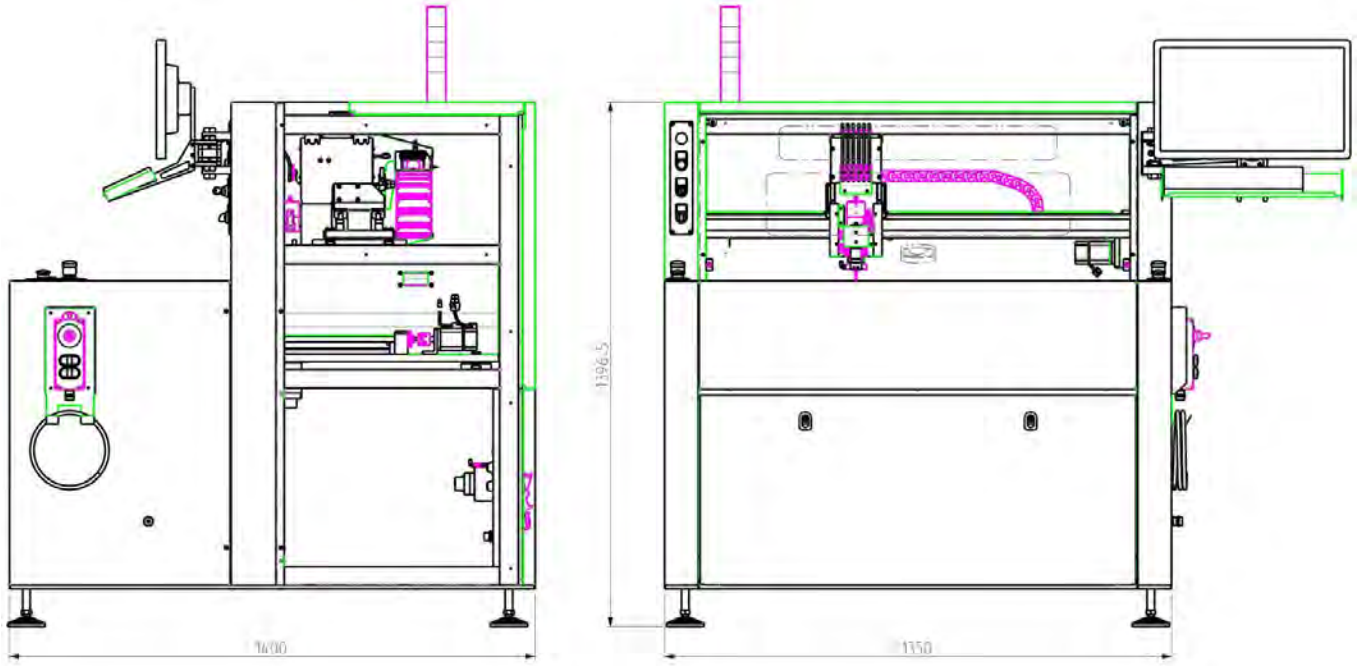
- Standalone configuration
- Double shuttle
- Continuous bit inspection
- Manual bit changing system
- Embedded dust suction pipe (PCB bottom side)
- Easy product fixture replacement
- ESD Safety Design
- Ionized working environment
- Direct import of routing programs from .dxf files
- CE Certification
- Power Supply - 230Vac 50/Hz 16A
- Weight 400 kg

PCB specification

- Max/Min PCB width 400 mm/100 mm
- Max /Min PCB length 450 mm/100 mm
- Max PCB weight 2 Kg

Options

- Specific product fixtures
- External dust extractor
- Automatic bit change system



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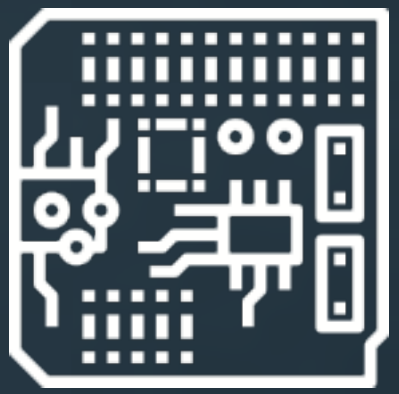
https://bit.ly/FENIX_RA50

BOARD HANDLING



Conveyors FX-HC00

PCB Conveyors

Transports boards between different processing machines

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors
- Standard length 500, 1000, 1500 mm
- Standard motorized segment 500 mm

Conveyors FX-HC00

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 60 kg

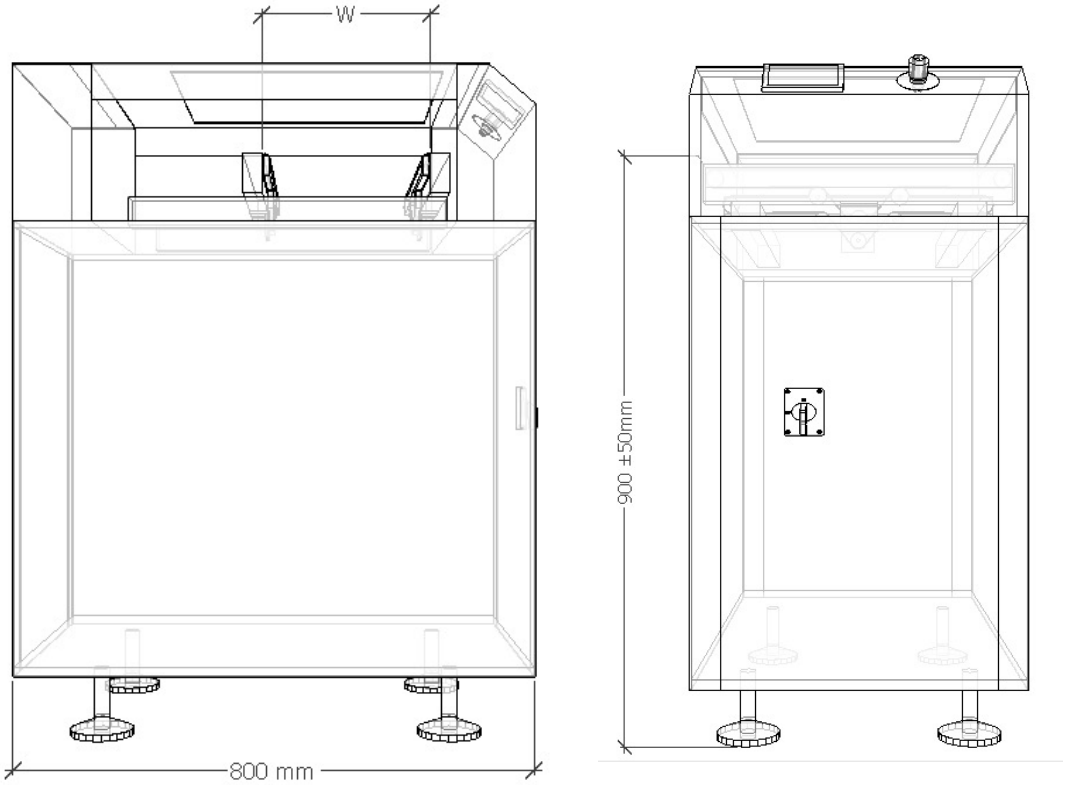
PCB specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- Fumes extractor
- Fail interceptor
- 6 or 18 m/min conveyor speed
- Cooling fans
- Automatic Width Adjustment (AWA)
- Dual speed (oven infeed)
- 8 mm carrying edge

Standard Modules			
L	500 mm	1.000 mm	1.500 mm
W	800 mm	800 mm	800 mm
Special Length Upon Request			



https://bit.ly/FENIX_HANDLING

Conveyors FX-HC51 / HC53 Basic Line

PCB Conveyors

Transports boards between different processing machines

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors
- Standard length 500, 1000, 1500 mm
- Standard motorized segment 500 mm

FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

Conveyors FX-HC51 / HC53 Basic Line

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 60 kg

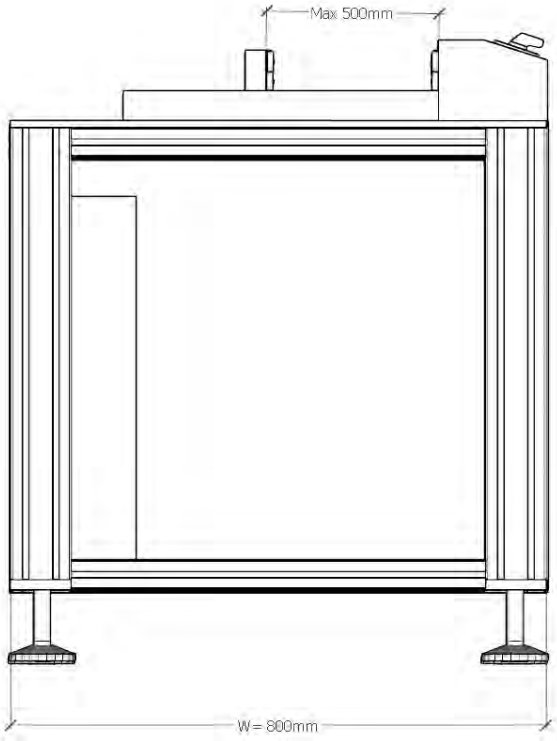
PCB specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- Top cover
- 6 or 18 m/min conveyor speed
- Cooling fans
- Automatic Width Adjustment (AWA)
- Dual speed (oven infeed)
- 8 mm carrying edge

Standard Modules			
L	500 mm	1.000 mm	1.500 mm
W	800 mm	800 mm	800 mm
Special Length Upon Request			



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Shuttle conveyor FX-HS25

Shuttle conveyor

Transports boards between parallel lines

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors
- Standard length 500 mm
- Standard motorized segment 500 mm

Shuttle conveyor FX-HS25

Technical Features

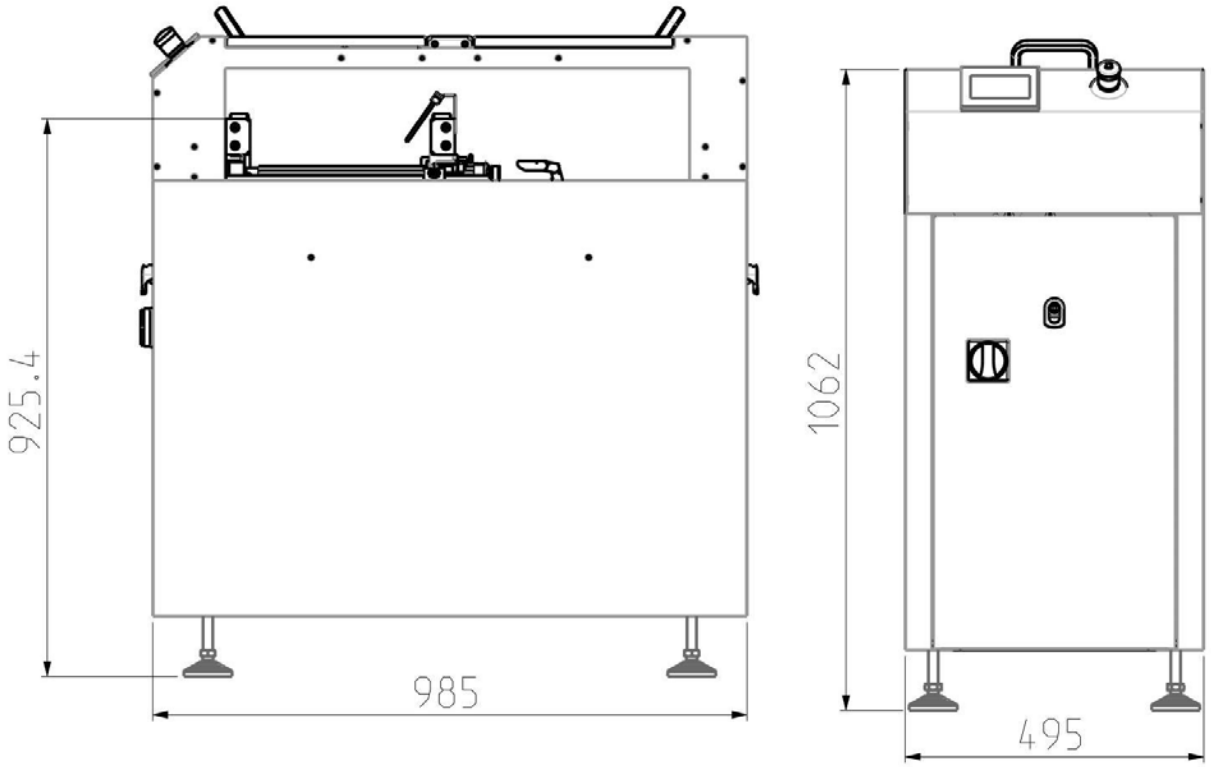
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (std carrying edge 3 mm)
- Stroke 320 mm
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 60 kg

PCB specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- Fumes extractor
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- 8 mm carrying edge



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Dual lane conveyor FX-HD00

Dual rail conveyor

Transports boards in two rows between different processing Machines

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors
- Standard length 500
- Standard motorized segment 500 mm

Dual lane conveyor FX-HD00

Technical Features

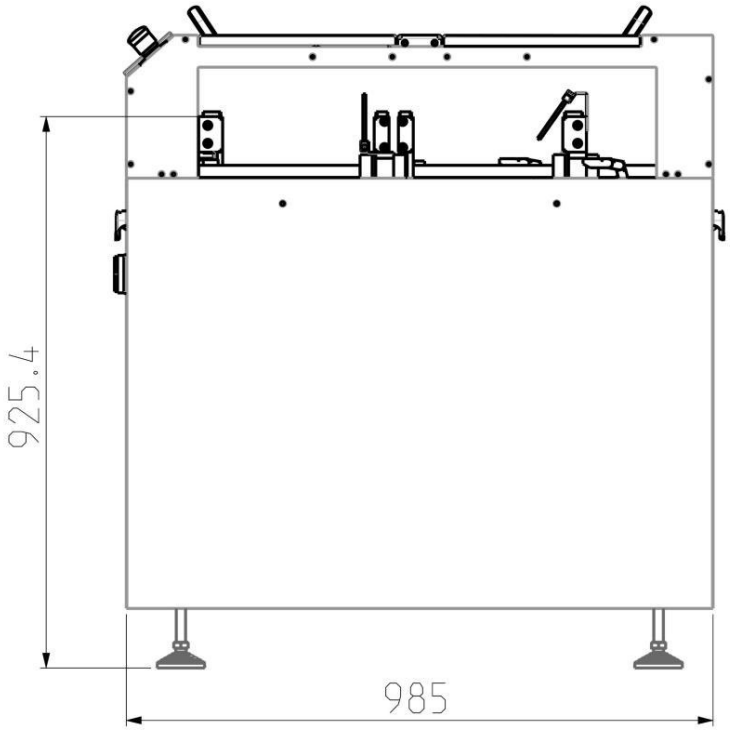
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (std carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 60 kg

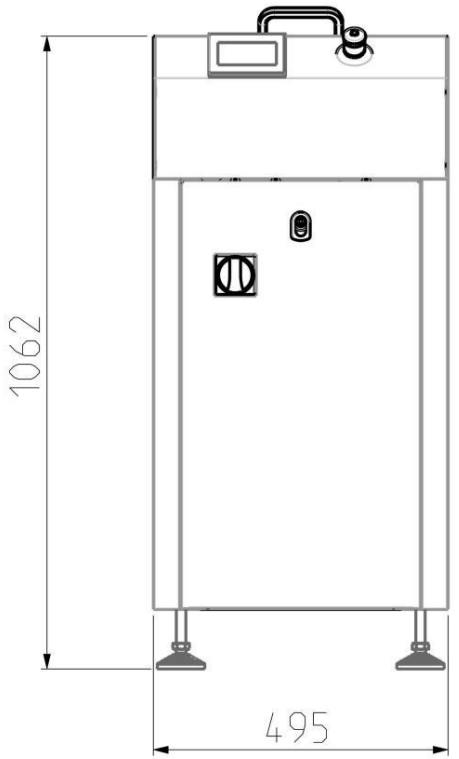
PCB specification

- Max/Min PCB width 257 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- Fumes extractor
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Dual speed (oven infeed)
- 8 mm carrying edge





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Dual level conveyors FX-HD10 / HD11

Dual level conveyors

On the upper level, dual level conveyors transport boards between different processing machines while underneath they send selected boards backflow

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors
- Standard length 500, 1000, 1500 mm
- Standard motorized segment 500 mm

Dual lane conveyor FX-HD10 / HD11

Technical Features

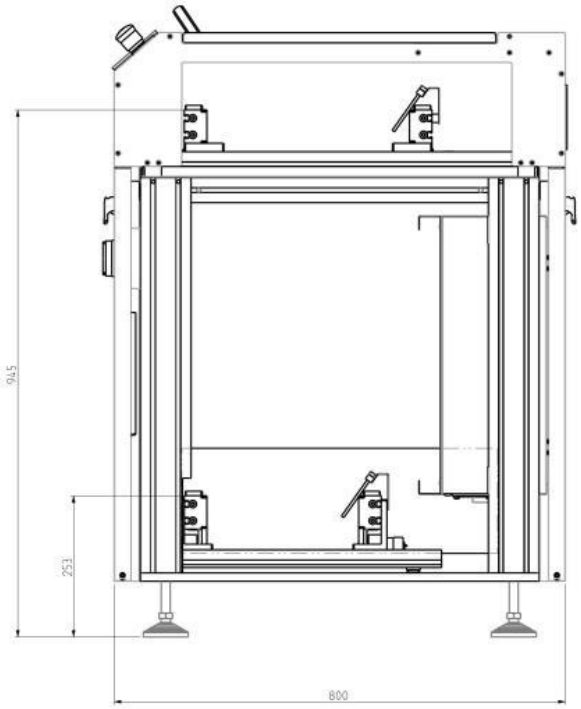
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor Speed 12 m/min
- Electric Width Adjustment (EWA)
- Lower conveyors height 245 mm
- Weight 150 kg

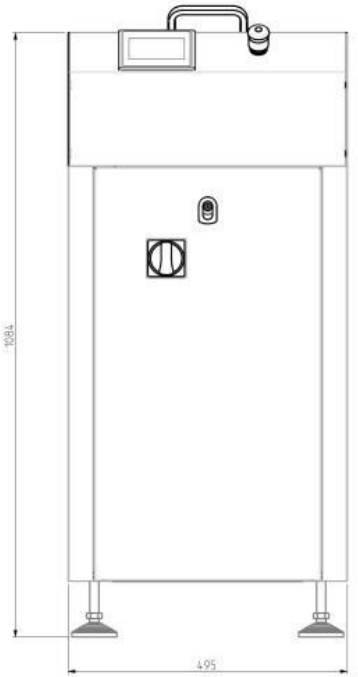
PCB specification

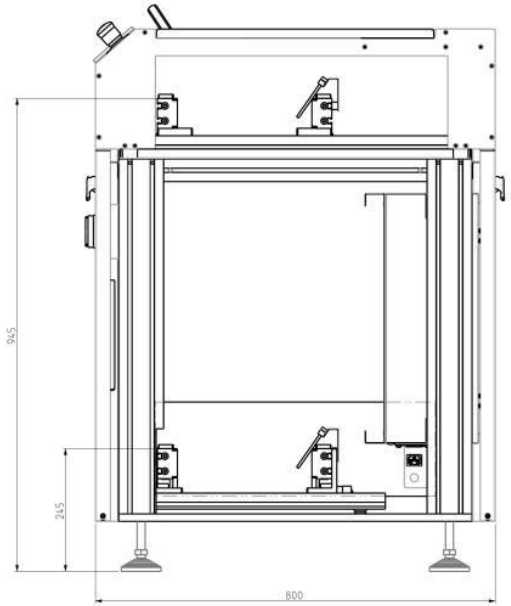
- Max/Min PCB width 500 mm / 60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

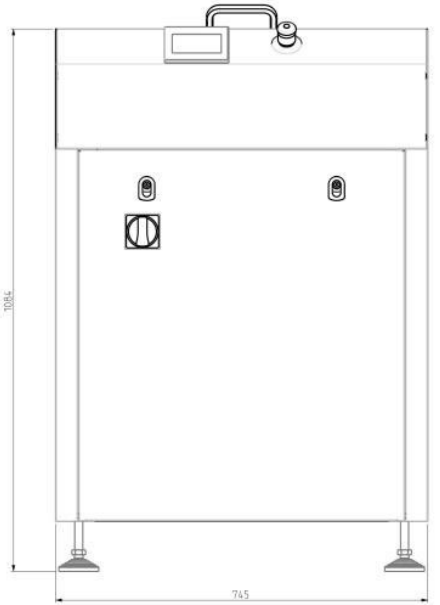
Options

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









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Flat belt conveyor FX-HE00

Flat belt conveyor

Suitable for the transportation of various materials
Used as an outfeed of processing machines or as a link between manual work stations.
Length and width are configurable upon request.

Flat belt conveyor FX-HE00

Technical Features

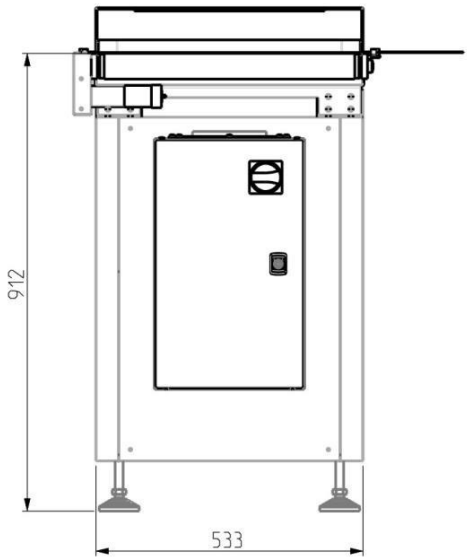
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 16
- Std Conveyor Speed 12 m/min
- Weight average 150 kg

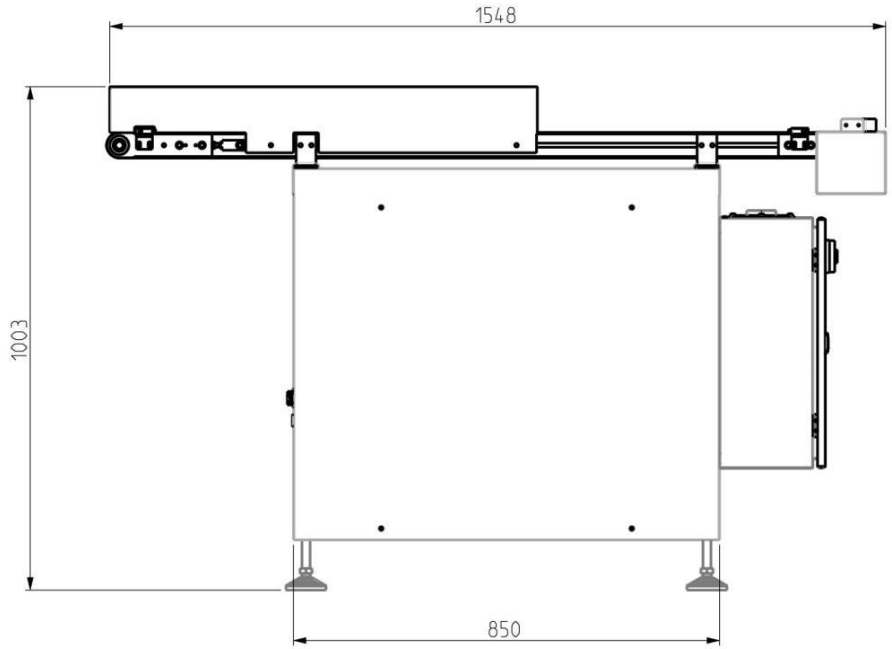
Dimensions

- Upon request

Options

- 6 or 18 m/min conveyor speed
- Further options upon request





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PCB Unstacker FX-HB00

PCB Unstacker and line loader

Loads naked boards, supplied in a stack, onto a production line

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety barriers

PCB Unstacker FX-HB00

Technical Features

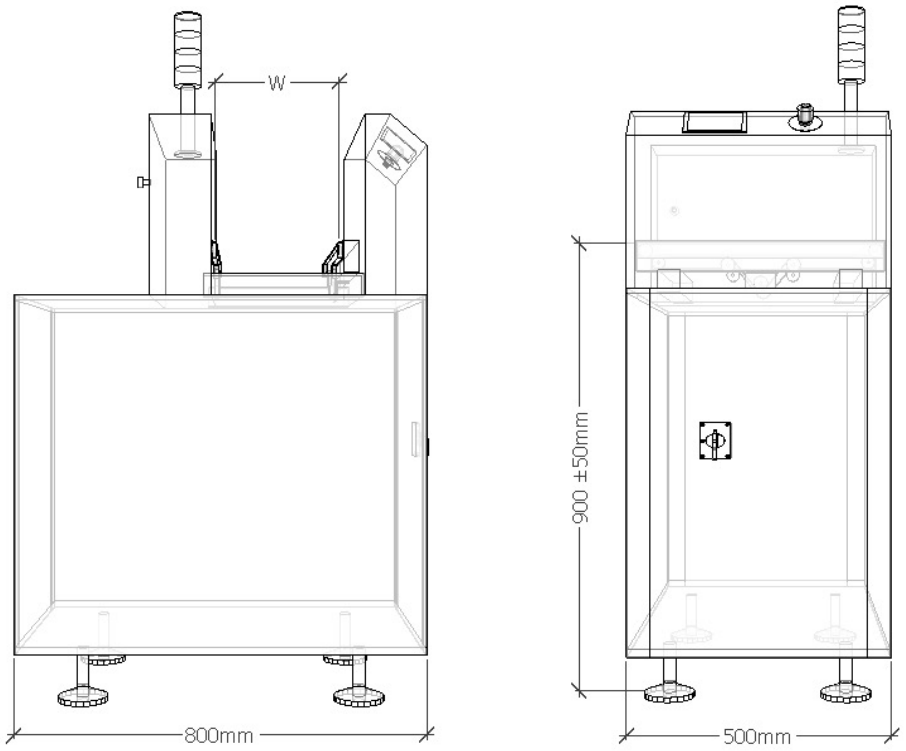
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Electric Width Adjustment (EWA)
- Std conveyor speed 12 m/min
- Power Supply - 230Vac 50/Hz 1A
- Air pressure 6 bar
- Weight 150 kg

PCB specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

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



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Line loaders 3-5 racks FX-HL00

Line loaders 3-5 racks

Unloads PCBs from a rack and loads them onto a production line

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Automatic rack handlers
- Full racks in lower conveyor level
- Empty racks in the upper conveyor level

Line loaders 3-5 racks FX-HL00

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 1A
- Air pressure 6 bar
- Weight 250 kg

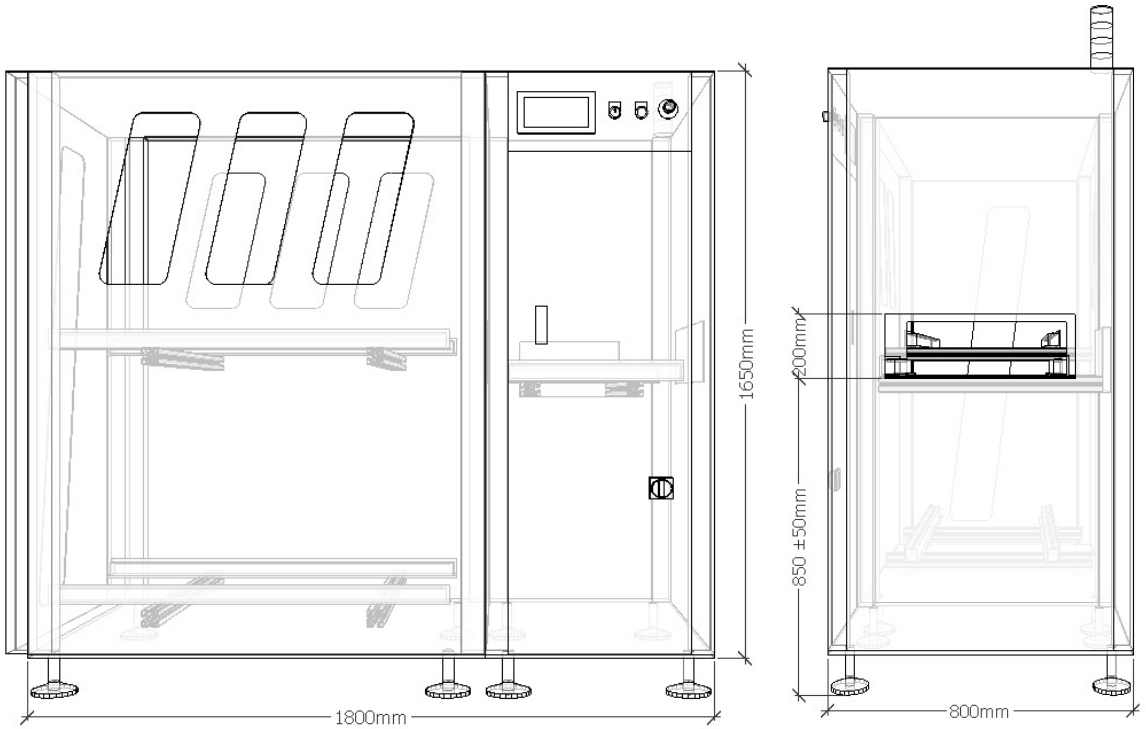
PCB & rack specification

- Max/Min PCB width 500 mm/100 mm
- Max PCB length 457 mm
- Max PCB weight 2 kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

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

Standard Modules		
Rack capacity	3 Racks	5 Racks
L	1.250 mm	1.800 mm
Special Length Upon Request		



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Line loaders 3-5 racks FX-HL20 / HL25 Basic Line

Line loaders 3-5 racks

Unloads PCBs from a rack and loads them into a production line

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Automatic rack handlers
- Full racks in lower conveyor level
- Empty racks in the upper conveyor level

Line loaders 3-5 racks FX-HL20 / HL25

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 1A
- Air pressure 6 bar
- Weight 250 kg

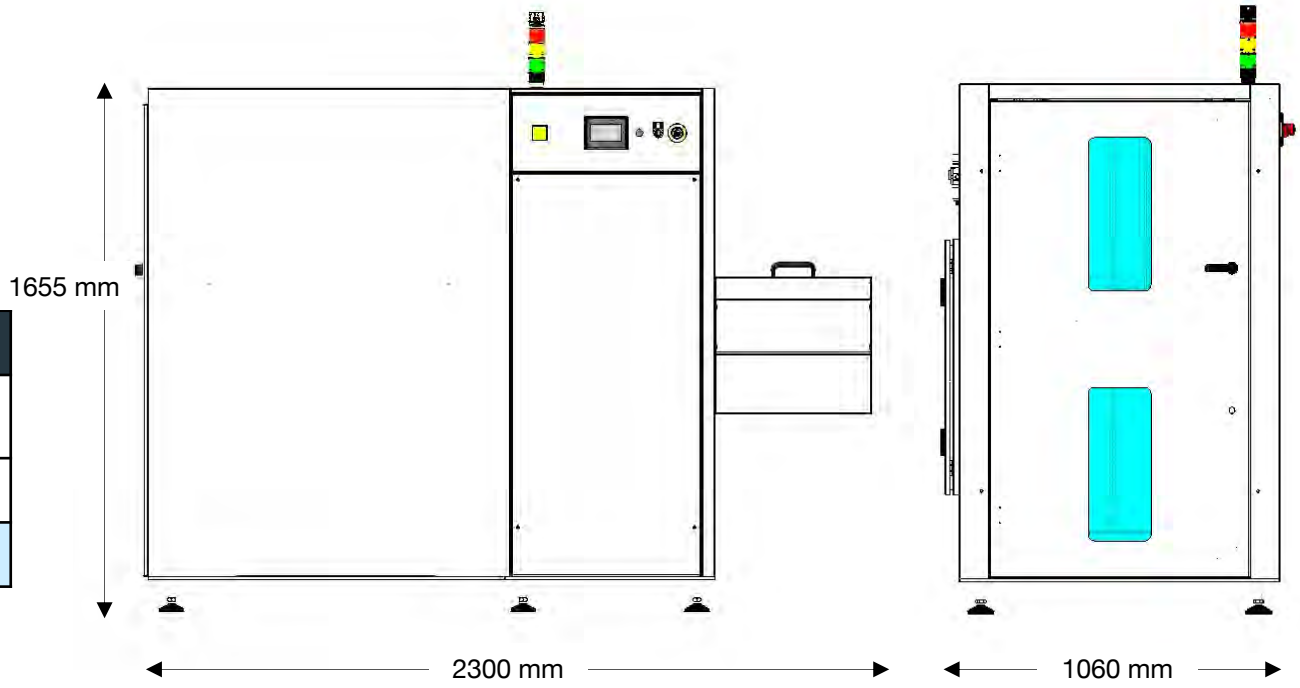
PCB & rack specification

- Max/Min PCB width 500 mm/100 mm
- Max PCB length 457 mm
- Max PCB weight 2 kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

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

Standard Modules		
Rack capacity	3 Racks (HL25)	5 Racks (HL20)
L	1.750 mm	2.350 mm
Special Length Upon Request		



https://bit.ly/FENIX_HANDLING

Line loaders 2-3 racks FX-HL30 / HL31

Line loaders 2-3 racks

Loads PCBs into a production line and unloading racks

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Managing three racks in parallel

Line loaders 2-3 racks FX-HL30 / HL31

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std infeed conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 290 kg

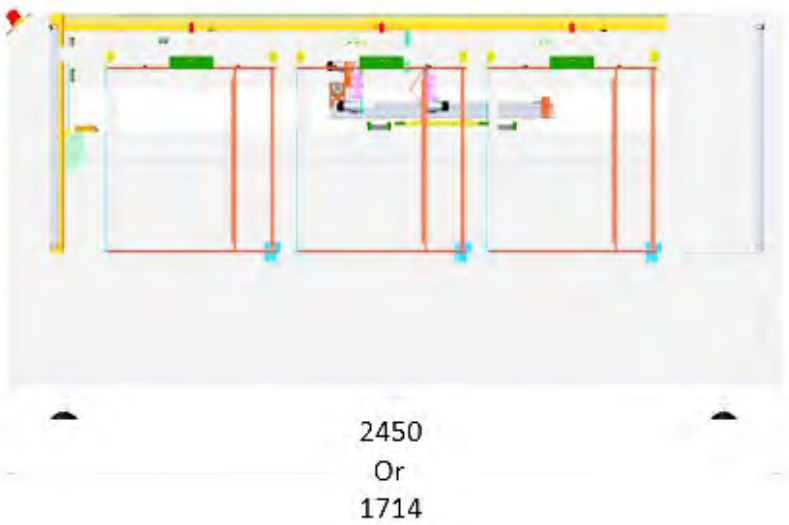
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 450 mm
- Max PCB weight 2 Kg
- Max rack dimensions
  (L: 535 mm W: 530 mm H: 575 mm)
- HU-31 Max rack dimensions
  3 pcs (L535mm W320mm H575mm)
  2 pcs (L535mm W530mm H575mm

Options

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

Standard Modules		
Rack capacity	2 Racks	3 Racks
L	1.714 mm	2.450 mm
Special Length Upon Request		



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Long Board Loader FX-HB10

Long Board Loader

Pickup long PCBs (up to 1500mm length) from e stack and loads them into a production line

- R to L or L to R flow direction
- User interface by touch screen
- Easy loading of PCBs stack by a movable drower

Long Board Loader FX-HB10

Technical Features

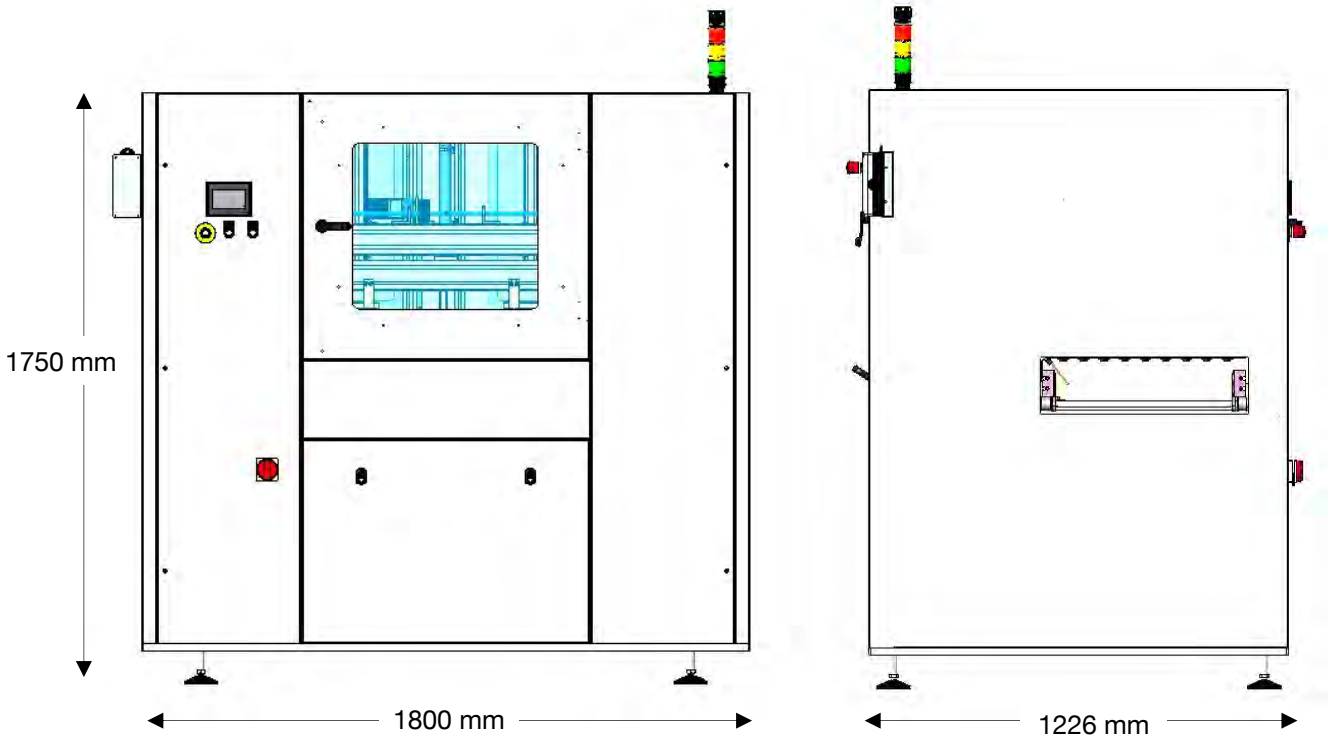
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 1A
- Air pressure 6 bar
- Weight 250 kg

PCB & rack specification

- Max/Min PCB width 500 mm/100 mm
- Max PCB length 1500 mm
- Max PCB weight 2 kg

Options

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



https://bit.ly/FENIX_LONGBOARD

Single rack handler FX-HR00 / HR25

Single rack handler

Line loader (Rack-unloader) as version HR-00
Line unloader (Rack loader) as version HR-25

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch

Single rack handler FX-HR00 / HR25

Technical Features

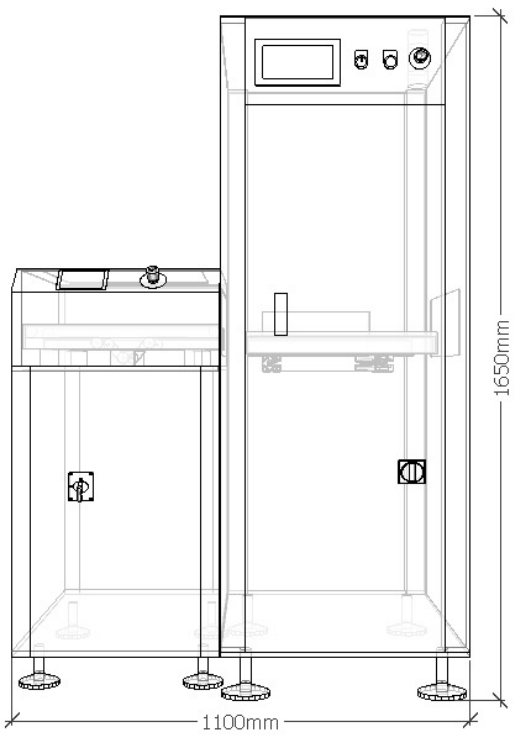
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)- only in HR-25
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min- only in HR-25
- Electric Width Adjustment (EWA) only in HR-25
- Weight 150 kg

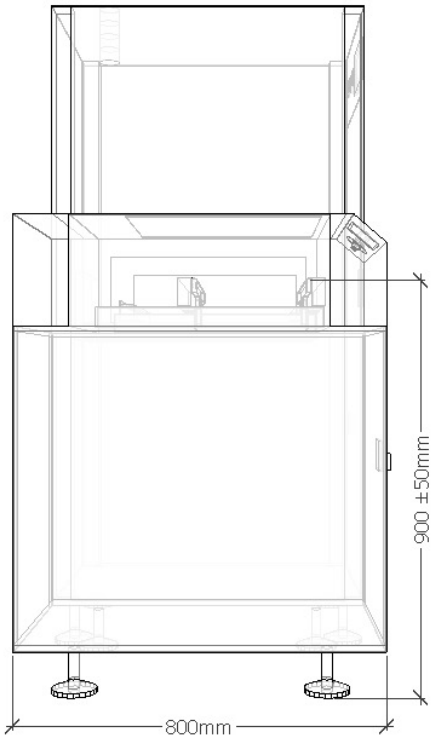
PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

- 6 or 18 m/min conveyor speed- only in HR-25
- Automatic Width Adjustment (AWA)- only in HR-25





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https://bit.ly/FENIX_HANDLING

Single rack handler FX-HR05 / HR31 Basic Line

Single rack handler

Line loader (Rack-unloader) as version HR-05
Line unloader (Rack loader) as version HR-31

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch

Single rack handler FX-HR05 / HR-31

Technical Features

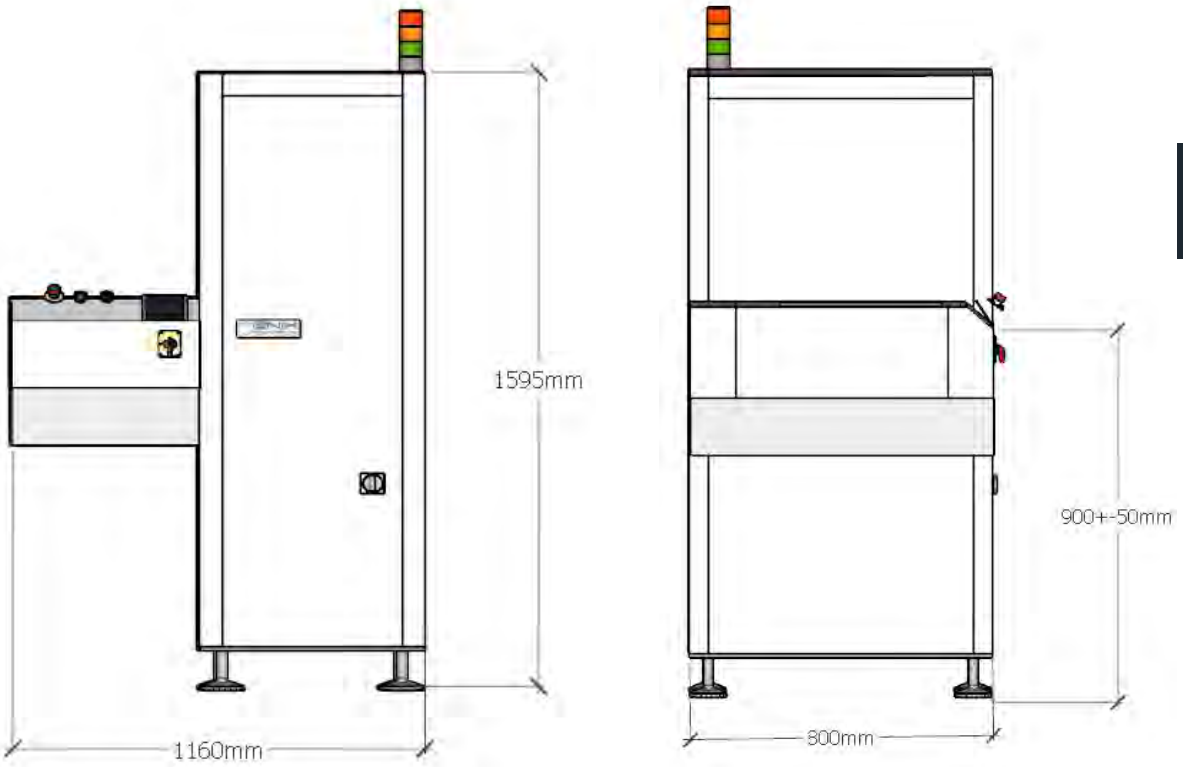
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)- only in HR-25
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min- only in HR-25
- Electric Width Adjustment (EWA) only in HR-25
- Weight 150 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

- 6 or 18 m/min conveyor speed- only in HR-25
- Automatic Width Adjustment (AWA)- only in HR-25



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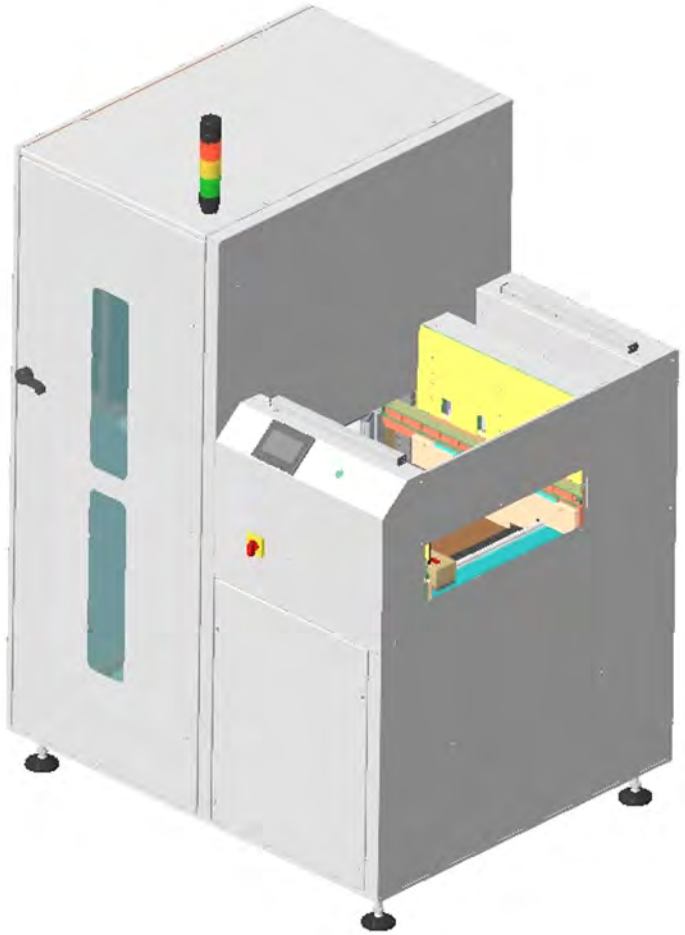
Single rack handler combo FX-HB20



Single rack handler with bare board unstacker

Line loader (Rack-unloader) as version HR-00
Line unloader (Rack loader) as version HR-25

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch

Single rack handler combo FX-HB20

Technical Features

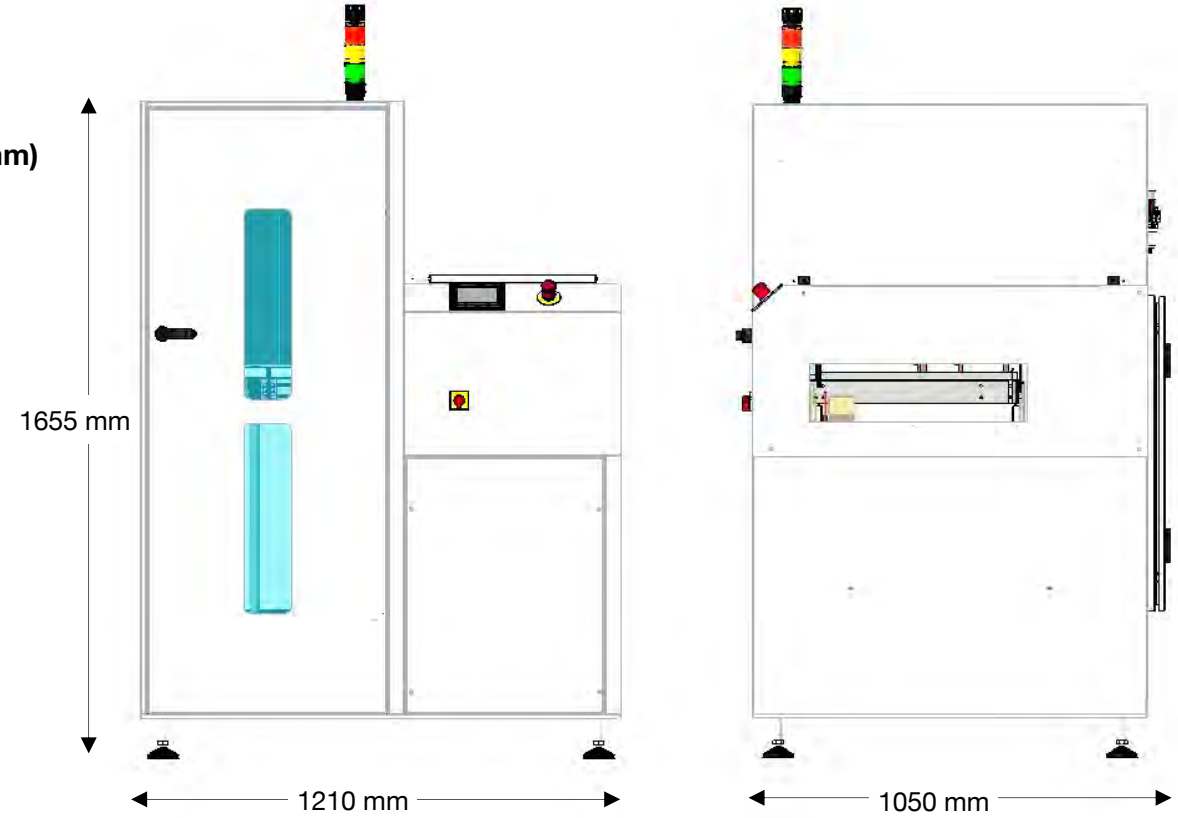
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)- only in HR-25
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min- only in HR-25
- Electric Width Adjustment (EWA) only in HR-25
- Weight 180 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

- 6 or 18 m/min conveyor speed- only in HR-25
- Automatic Width Adjustment (AWA)- only in HR-25



https://bit.ly/FENIX_HANDLING

PCB Stacker FX-HB01

PCB Stacker and line unloader

Unloads naked boards from a production line and piles them in a stack

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety barriers

PCB Stacker FX-HB01

Technical Features

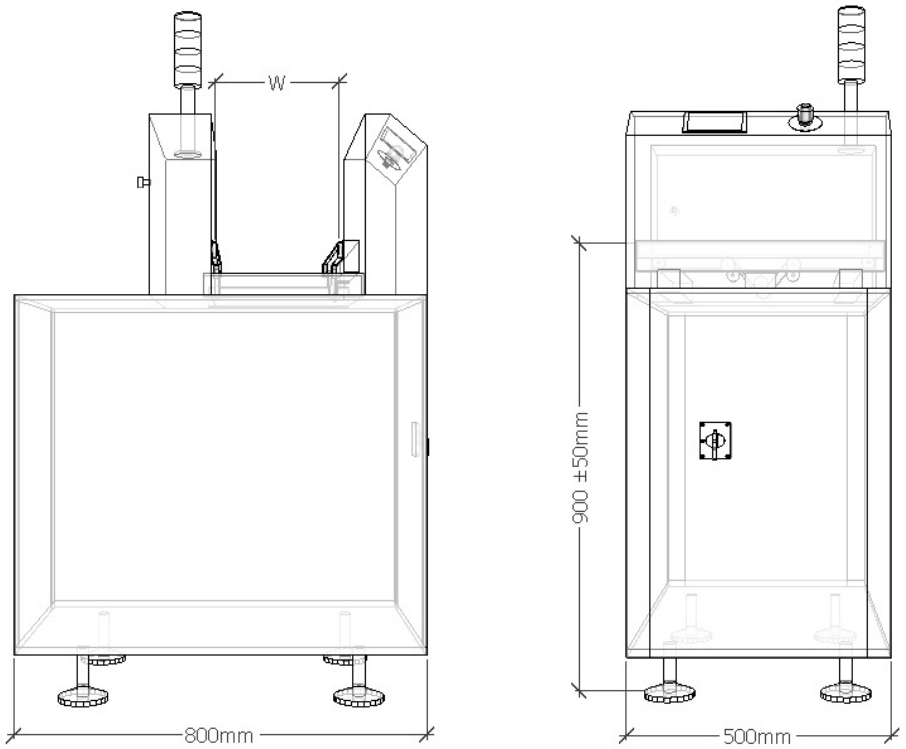
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Air pressure 6 bar
- Weight 150 kg

PCB specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

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



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Line unloaders 3-5 racks FX-HU00

Line unloaders 3-5 racks

Unloads PCBs from a production line for loading into a rack

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Automatic rack handlers
- 500 mm infeed conveyor
- Full racks in the lower conveyor level
- Empty racks in the upper conveyor level

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Line unloaders 3-5 racks FX-HU00

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std infeed conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Air pressure 6 bar
- Weight 280 kg

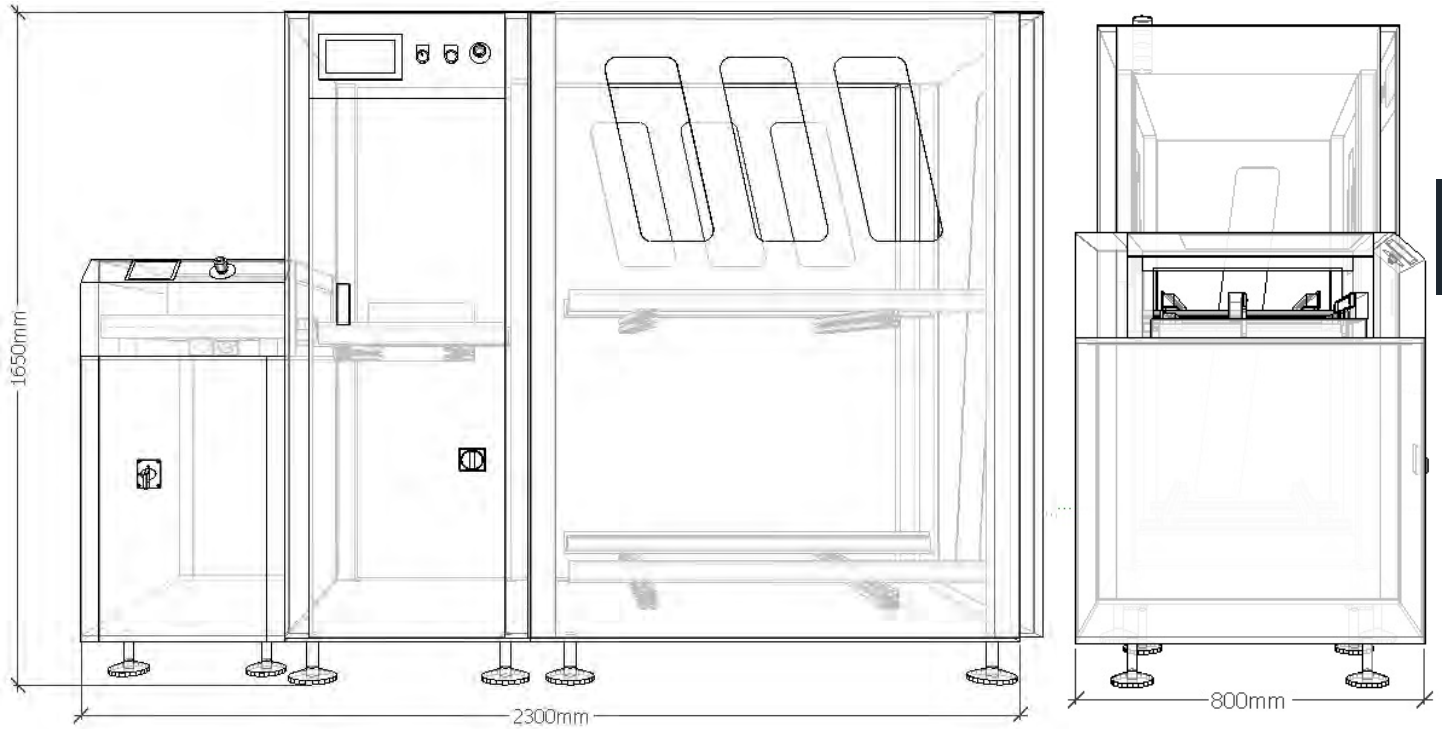
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions
  (L: 535 mm W: 530 mm H: 575 mm)

Options

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

Standard Modules		
Rack capacity	3 Racks	5 Racks
L	1.750 mm	2.300 mm
Special Length Upon Request		



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Line Unloaders 3-5 racks FX-HU25 / HU20 Basic Line

Line Unloaders 3-5 racks

Unloads PCBs from production line and loads them into a rack

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Automatic rack handlers
- Full racks in lower conveyor level
- Empty racks in the upper conveyor level

Line Unloaders 3-5 racks FX-HU25 / HU20

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Power Supply - 230Vac 50/Hz 1A
- Air pressure 6 bar
- Weight 250 kg

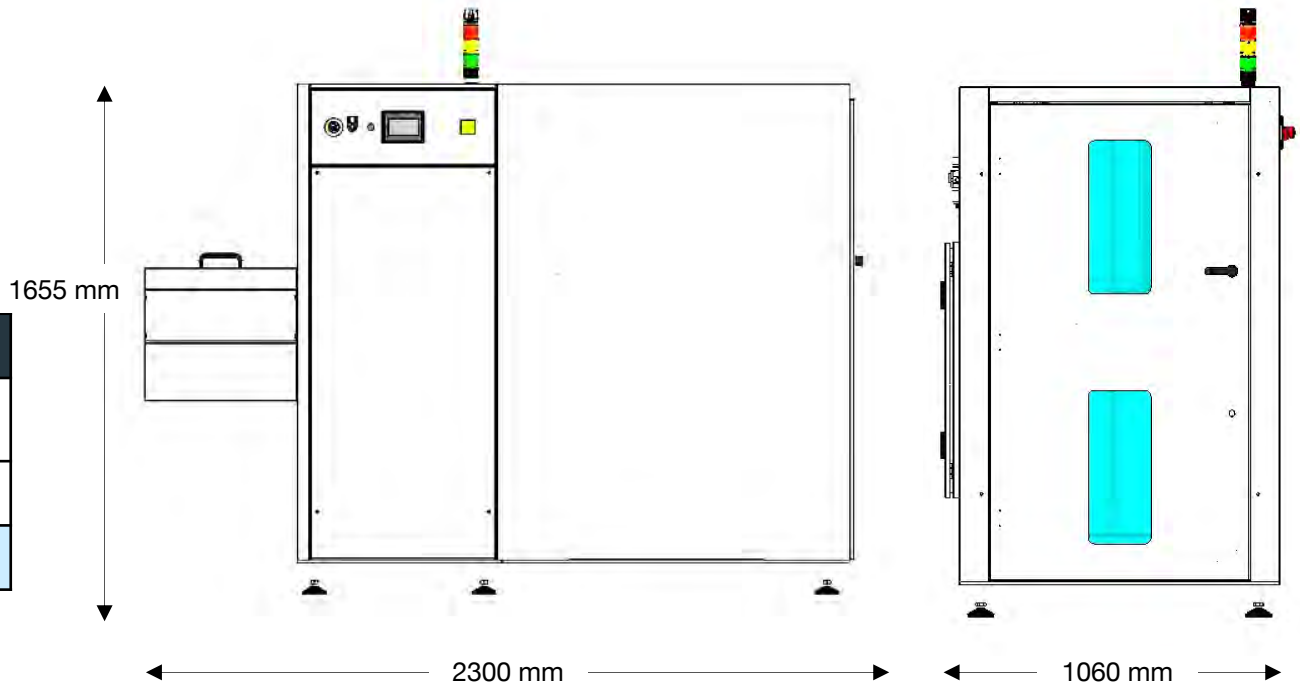
PCB & rack specification

- Max/Min PCB width 500 mm/100 mm
- Max PCB length 457 mm
- Max PCB weight 2 kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

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

Standard Modules		
Rack capacity	3 Racks (HU25)	5 Racks (HU20)
L	1.750 mm	2.350 mm
Special Length Upon Request		



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Line unloaders 2-3 racks FX-HU30 / HU31

Line unloaders 2-3 racks

Unloads PCBs from a production line for loading into a rack

- R to L or L to R flow direction
- User interface by touch screen
- Programmable unloading pitch
- Managing three racks in parallel
- Separation of filed board from ok board after AOI o testing equipament

Line unloaders 2-3 racks FX-HU30 / HU31

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std infeed conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 290 kg

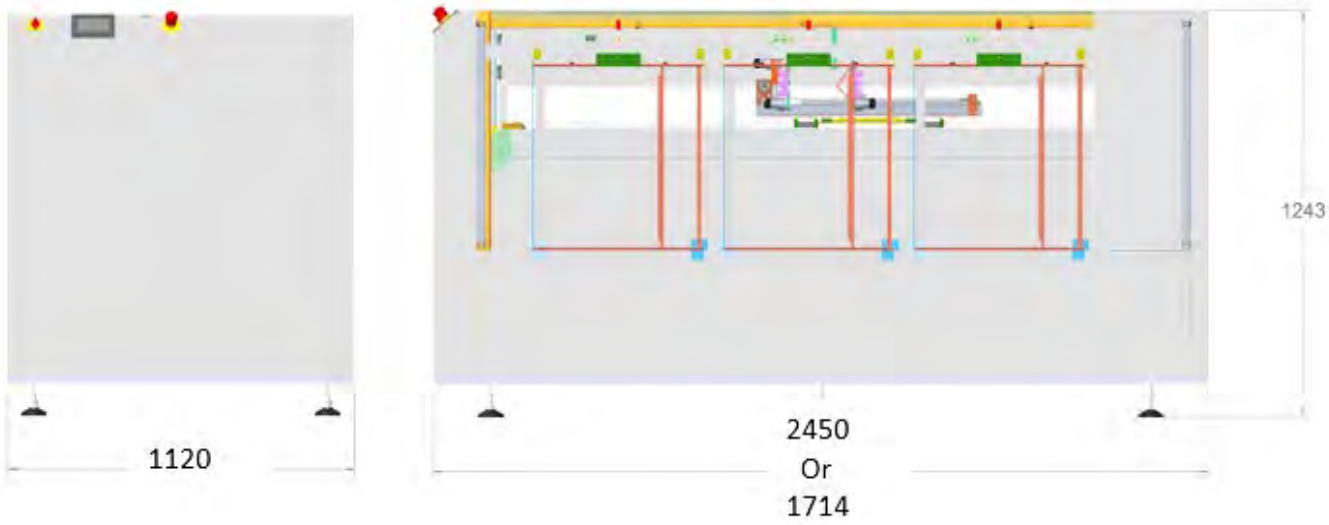
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 450 mm
- Max PCB weight 2 Kg
- Max rack dimensions
  (L: 535 mm W: 530 mm H: 575 mm)
- HU-31 Max rack dimensions
  3 pcs (L535mm W320mm H575mm)
  2 pcs (L535mm W530mm H575mm

Options

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

Standard Modules		
Rack capacity	2 Racks	3 Racks
L	1.714 mm	2.450 mm
Special Length Upon Request		



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Line unloader - Bad & Good separator FX-HM00

Line unloader - Bad & Good separator

Line unloader to rack modules with separation of passed boards from failed ones

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch
- Bad and Good boards can be forwarded to the upper or the lower conveyor level as desired

Line unloader - Bad & Good separator FX-HM00

Technical Features

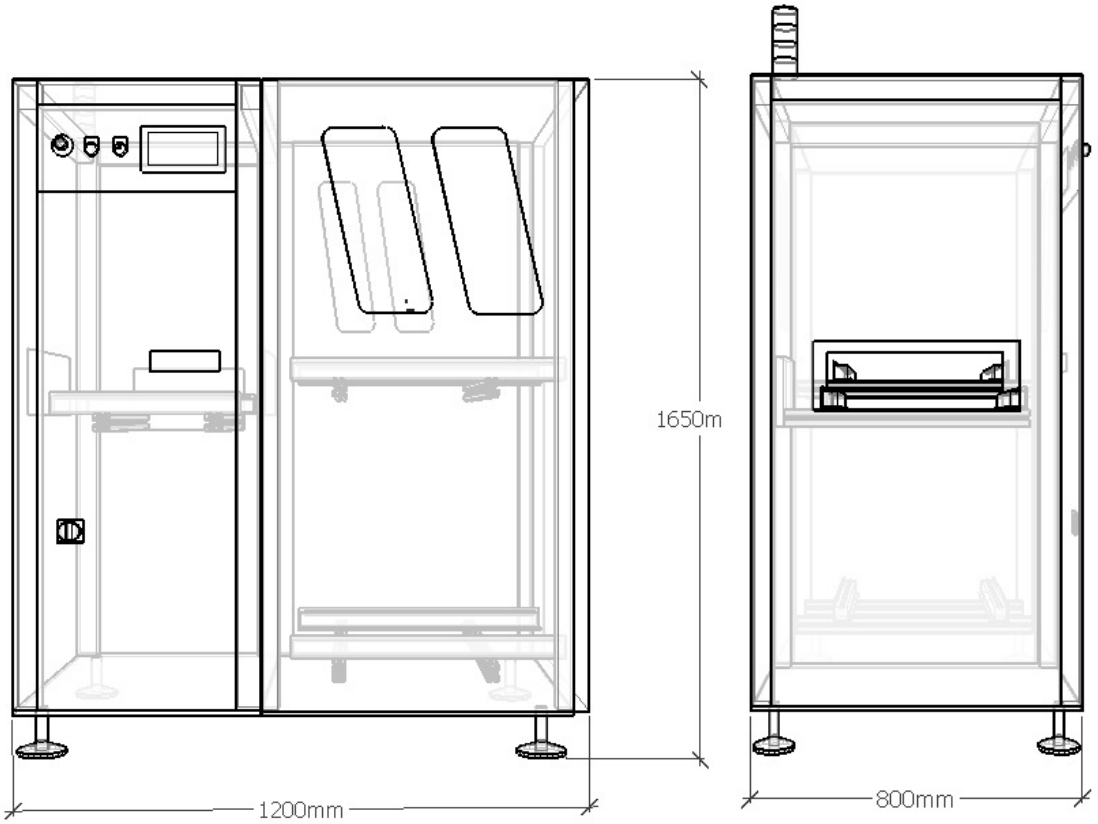
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Air pressure 6 bar
- Weight 250 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

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



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Long Board UnLoader FX-CA05

Long Board UnLoader

Line unloader to rack modules with separation of passed boards from failed ones

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch
- Bad and Good boards can be forwarded to the upper or the lower conveyor level as desired

Long Board UnLoader FX-CA05

Technical Features

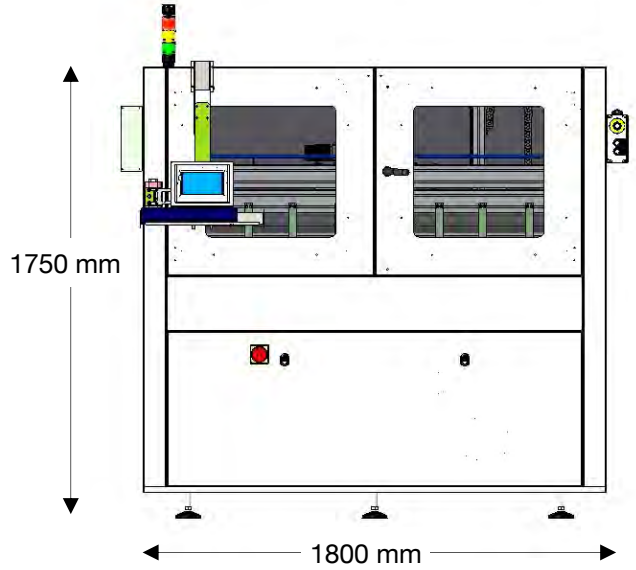
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Air pressure 6 bar
- Weight 250 kg

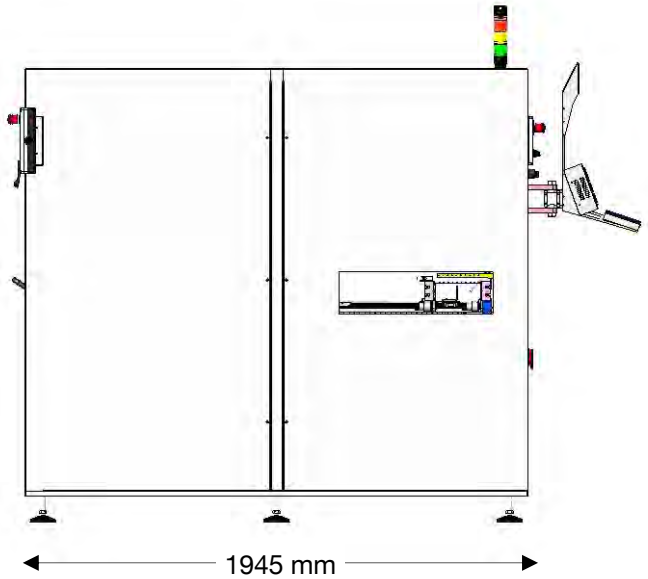
PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 1500 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- LED on/off test function





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Single rack unloader FX-HR35 Basic Line

Single rack unloader HR35

- R to L or L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch
- Small footprint

Single rack unloader FX-HR35

Technical Features

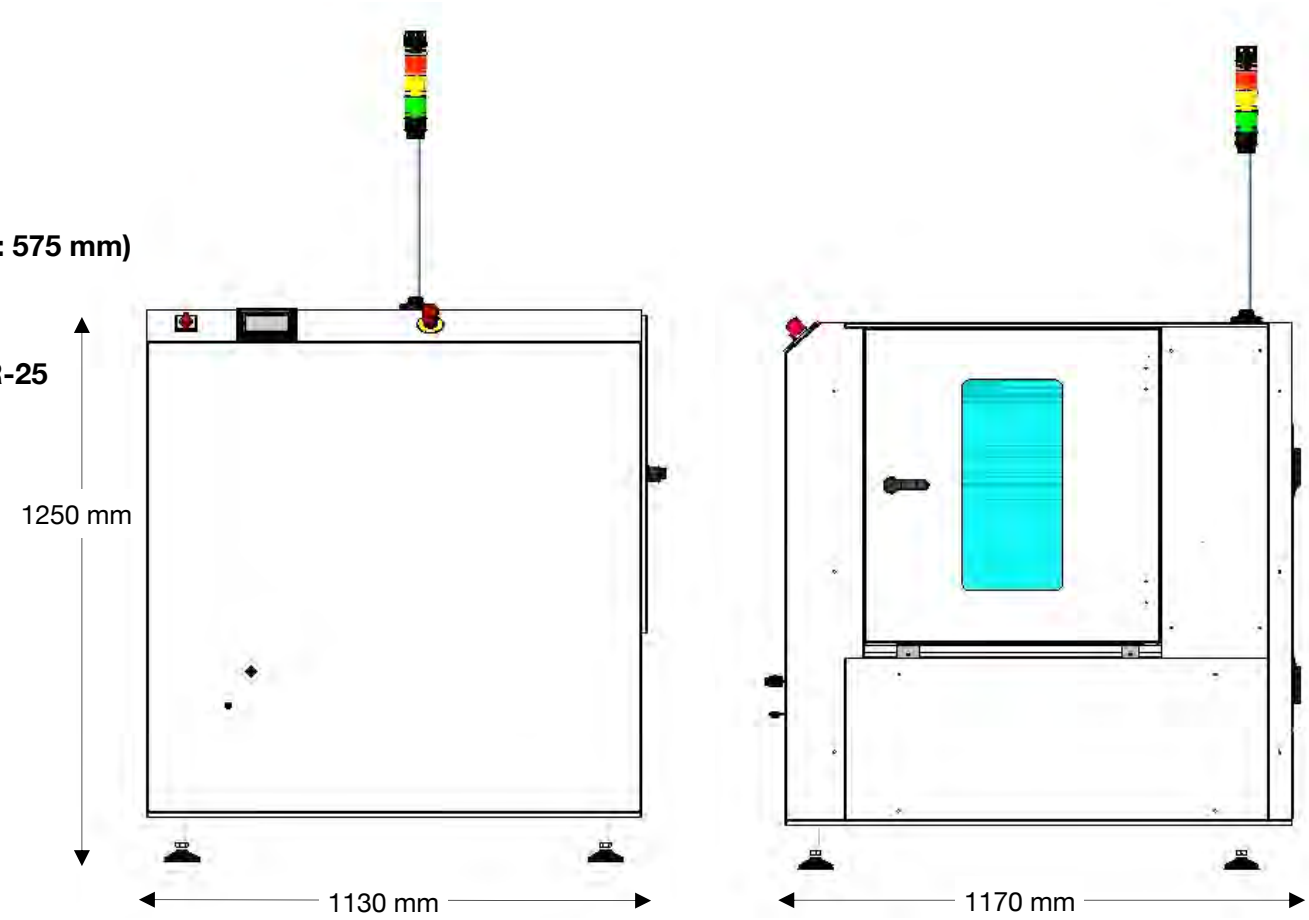
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)- only in HR-25
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min- only in HR-25
- Electric Width Adjustment (EWA) only in HR-25
- Weight 150 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

- 6 or 18 m/min conveyor speed- only in HR-25
- Automatic Width Adjustment (AWA)- only in HR-25



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FIFO 30 PCB buffer FX-HF00

FIFO 30 PCB buffer

Inline PCBs buffering with FIFO function

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- In –Out Safety Sutter
- Standard length 500

FIFO 30 PCB buffer FX-HF00

Technical Features

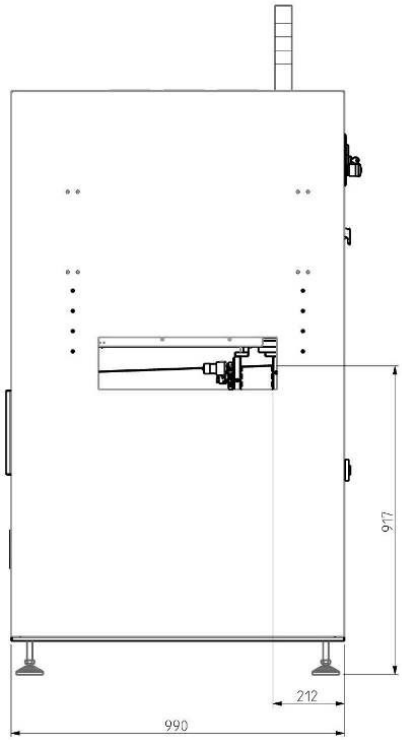
- Capacity 30 PCBs
- Pitch between stored PCBs 24 mm
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

PCBs specification

- Max/Min PCB width 500 mm/100 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- *6 or 18 m/min conveyor speed*
- *Automatic Width Adjustment (AWA)*
- *Cooling fans + programmable cooling time*
- *“Almost full” function*
- *Line length 1.000 mm*



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FIFO rack FX-HF25

FIFO rack

Inline buffer storing PCB in a standard rack with FIFO function

- L to R flow direction
- Pass through function
- Line Loader function
- Line Unloader function
- User interface by touch screen
- Outfeed safety shutter

FIFO rack FX-HF25

Technical Features

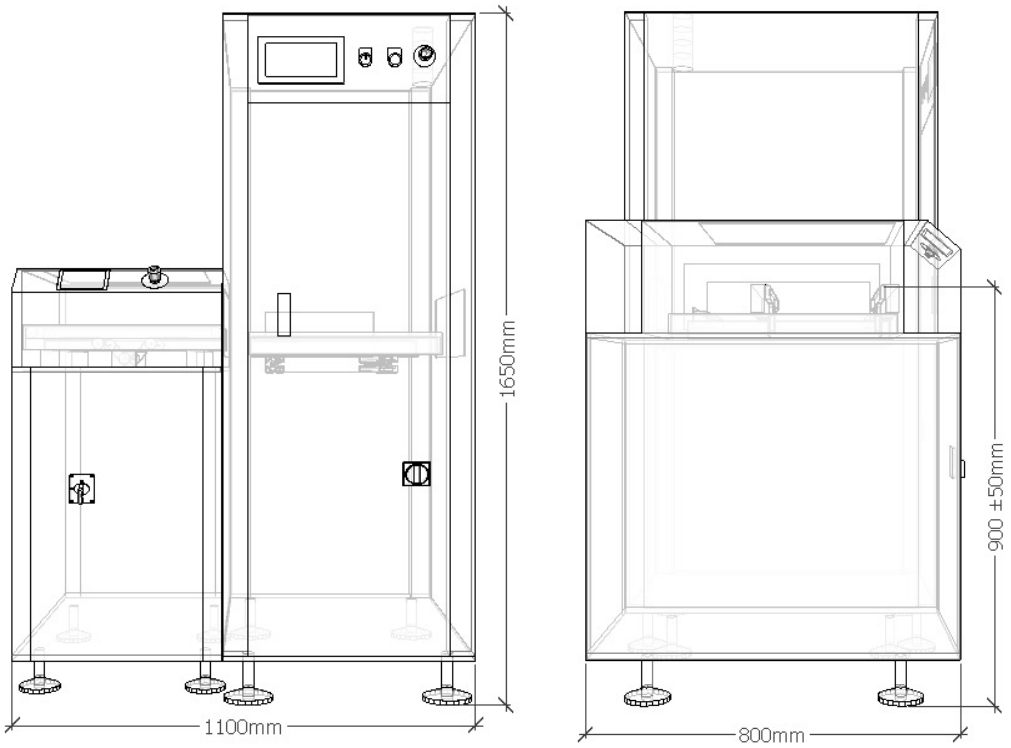
- In – Out SME MA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 350 kg

PCB & Rack specification

- Max/Min PCB width 500 mm / 60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L535mm W530mm H575mm)

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- 8 mm carrying edge



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Single rack handler Bad & Good FX-HR50

Single rack handler Bad & Good

In Line unloader to rack modules with separation of passed boards (pass-through) from failed ones (stored in the rack)

- L to R flow direction
- User interface by touch screen
- Programmable magazine loading pitch

Single rack handler Bad & Good FX-HR50

Technical Features

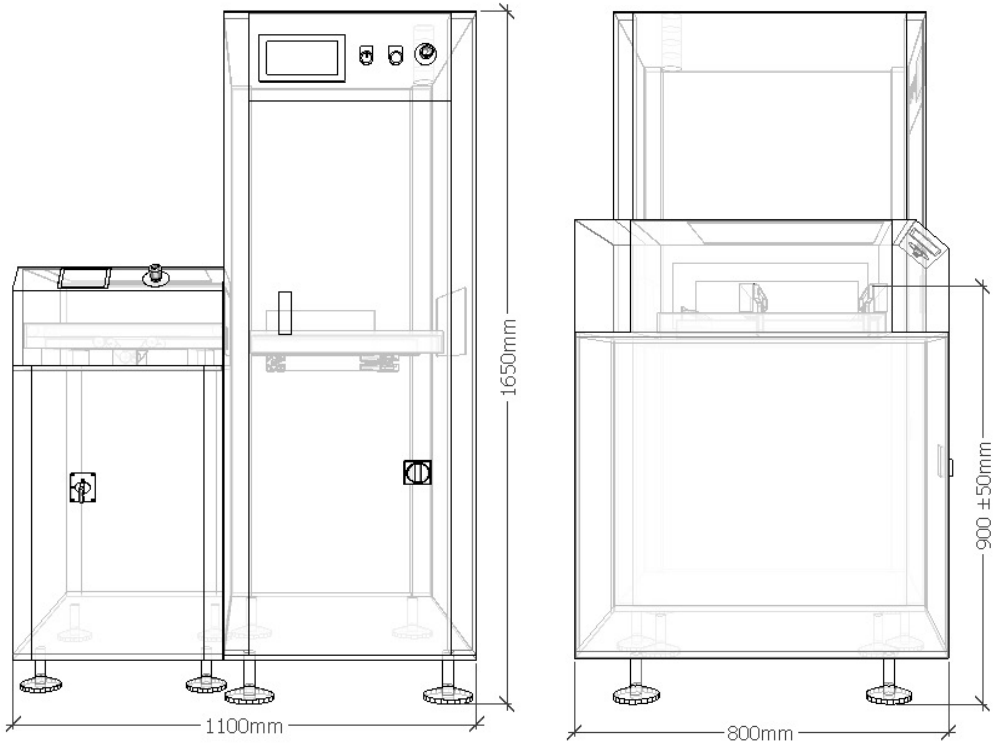
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 350 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions (L: 535 mm W: 530 mm H: 575 mm)

Options

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



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PCB Inverter FX-HI00

PCB Inverter

Inline PCB capsize unit (flips board 180°)

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Safety cover with safety sensors

PCB Inverter FX-HI00

Technical Features

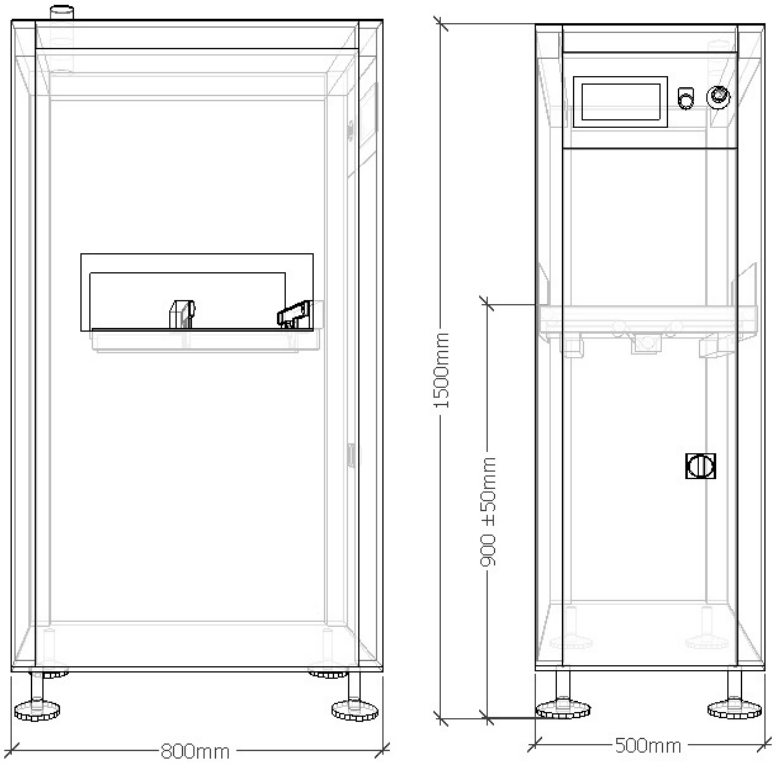
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 11A
- Std conveyor Speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

PCBS specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457mm
- Max PCB weight 2 Kg

Options

- 6 or 12 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- 8 mm carrying edge



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Line gate FX-HS00

Line gate

PCB Conveyor with 1m telescopic bridge retraction for creating passageways through a production line

- R to L or L to R flow direction
- User interface by touch screen
- Programmable gate stroke

Line gate FX-HS00

Technical Features

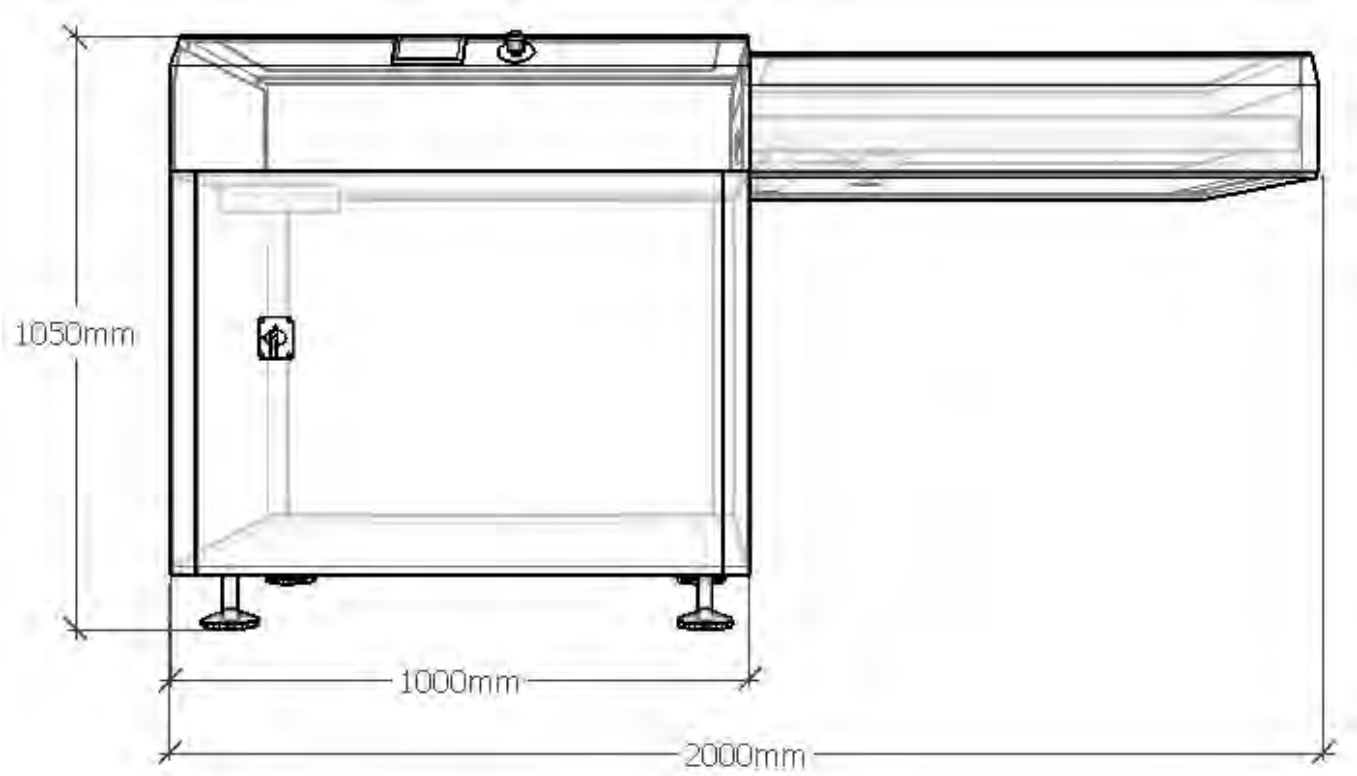
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 250 kg

PCB & rack specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg
- Max rack dimensions
  (L: 535 mm W: 530 mm H: 575 mm)

Options

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



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PCB Turn module FX-HT00

PCB Turn module

In Line PCBs Turn Unit

- L Function
- T Function
- X Function
- Separation of good boards from failed ones

PCB Turn module FX-HT00

Technical Features

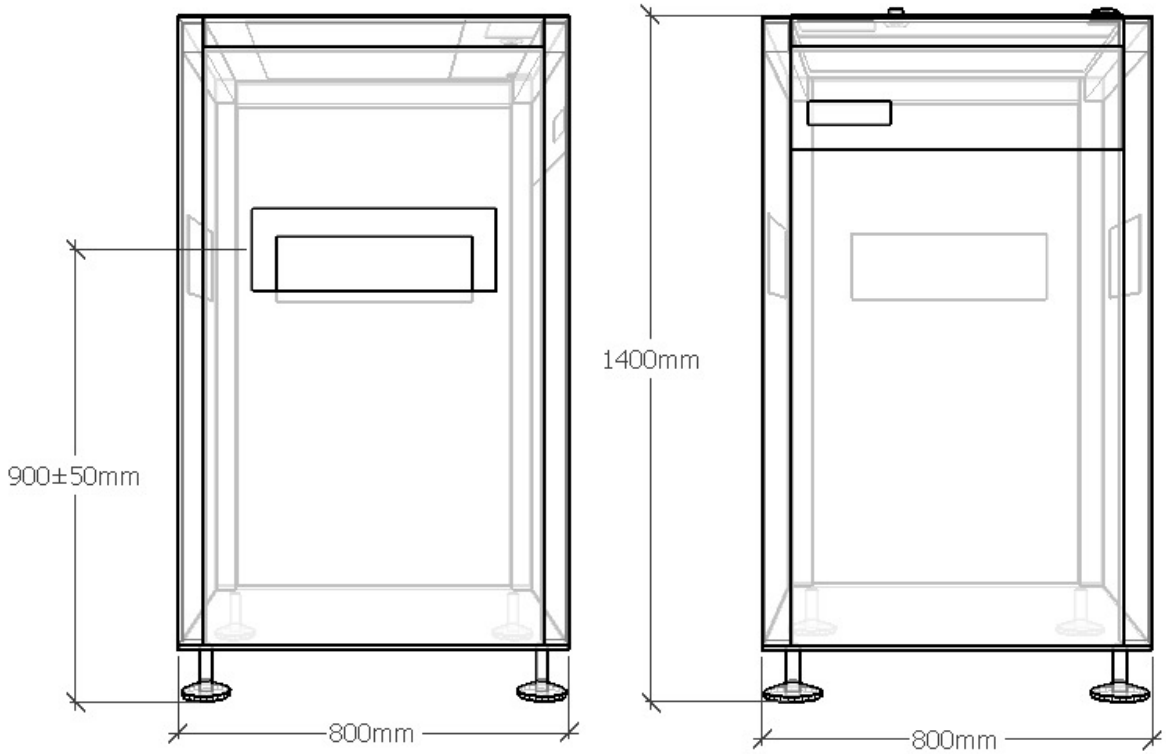
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Pusher mechanism for rack loader



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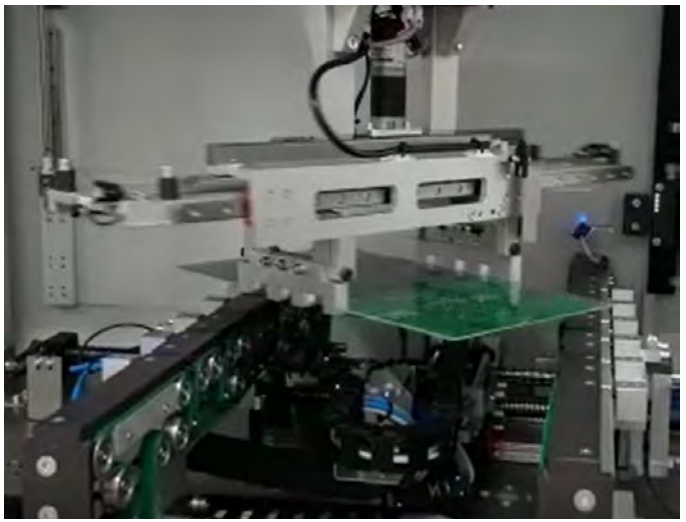
PCB Rotator FX-HT25

PCB Rotator

In Line PCB Rotator allows to swap the carrying edge of the board

- R to L or L to R flow direction
- User interface by touch screen
- Safety cover with safety sensors



PCB Rotator FX-HT25

Technical Features

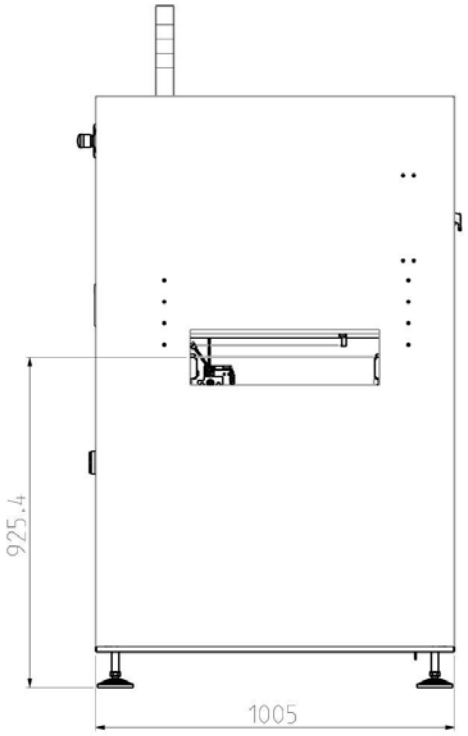
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (std carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

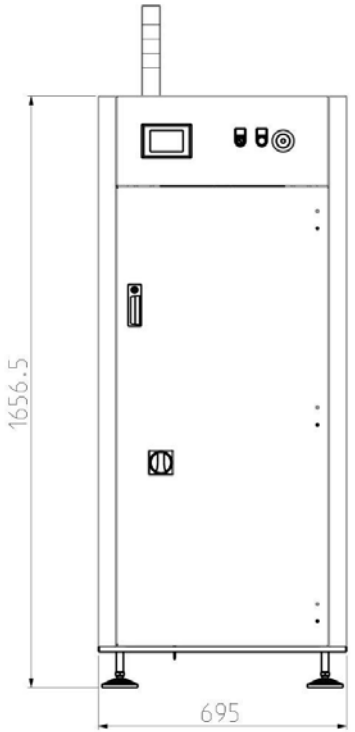
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 457 mm
- Max PCB weight 2 Kg

Options

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





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Operator Station FX-HW00

Operator Station

Unloads PCBs from a production line for loading into a rack

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Standard length 1000, 1500 mm
- Standard motorized segment 500 mm

Operator Station FX-HW00

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

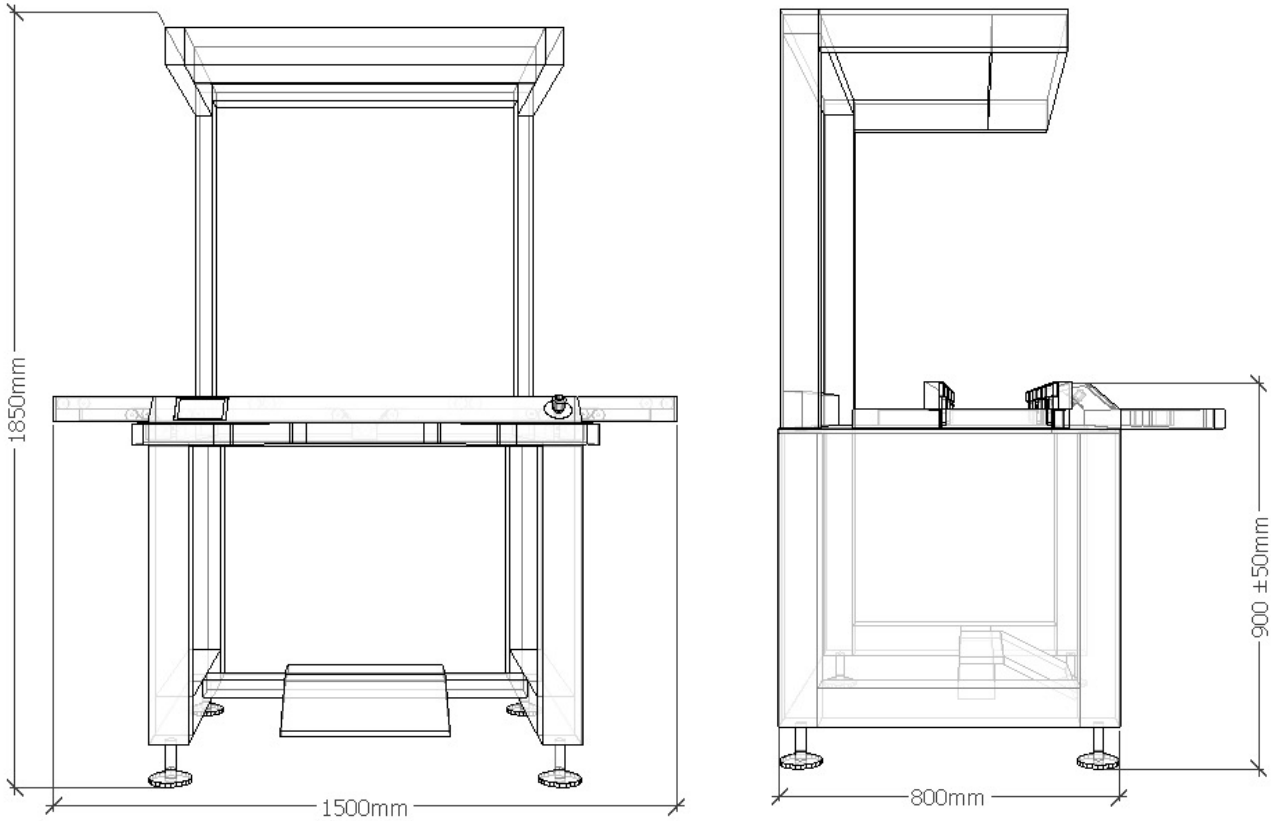
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 457mm
- Max PCB weight 2 Kg

Options

- Fail interceptor
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- 8 mm carrying edge

Standard Modules		
L	1.000 mm	1.500 mm
W	800 mm	800 mm
Special Length Upon Request		



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Operator Station FX-HW75 Basic line

Operator Station

Unloads PCBs from a production line for loading into a rack

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Standard length 1.000, 1.500 mm
- Standard motorized segment 500 mm

Operator Station FX-HW75 Basic Line

Technical Features

- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

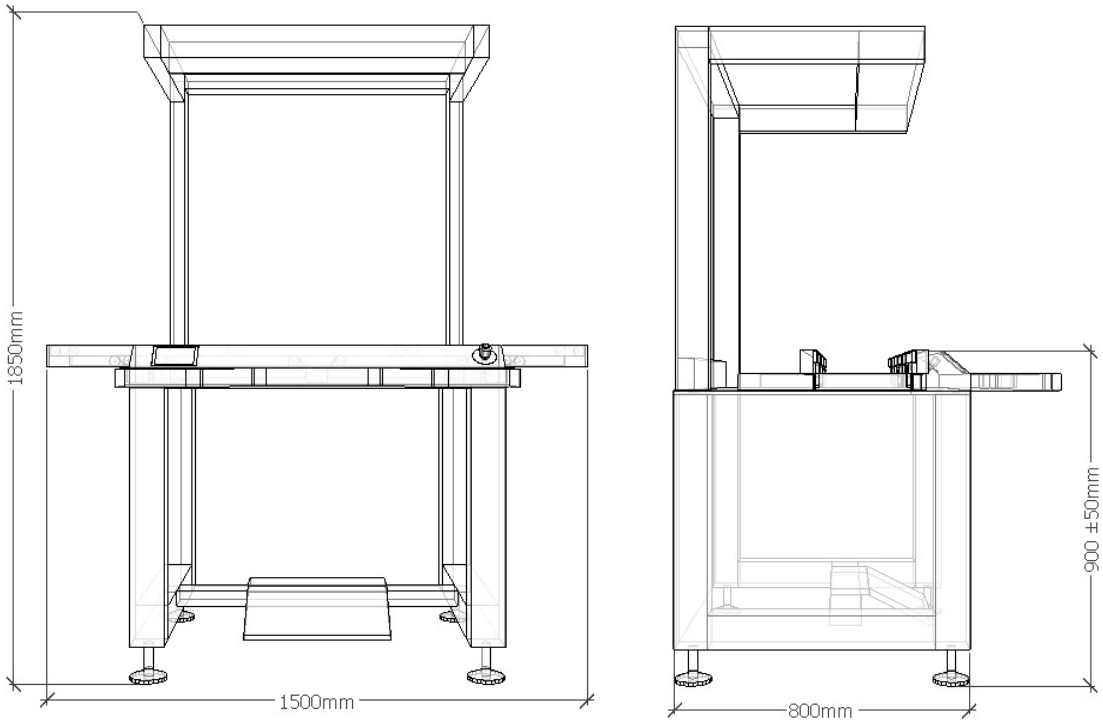
PCB specification

- Max/min PCB width 500 mm/60 mm
- Max PCB length 457mm
- Max PCB weight 2 Kg

Options

- Fail interceptor
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- 8 mm carrying edge

Standard Modules		
L	1.000 mm	1.500 mm
W	800 mm	800 mm
Special Length Upon Request		



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PCB & Pallet lifter FX-HG00

PCB & Pallet lifter

Elevator for raising and lowering PCBs & pallets according to line requirements

- R to L or L to R flow direction
- Pass through function
- User interface by touch screen
- Standard length 500
- Suitable for both PCBs and pallets

PCB & Pallet lifter FX-HG00

Technical Features

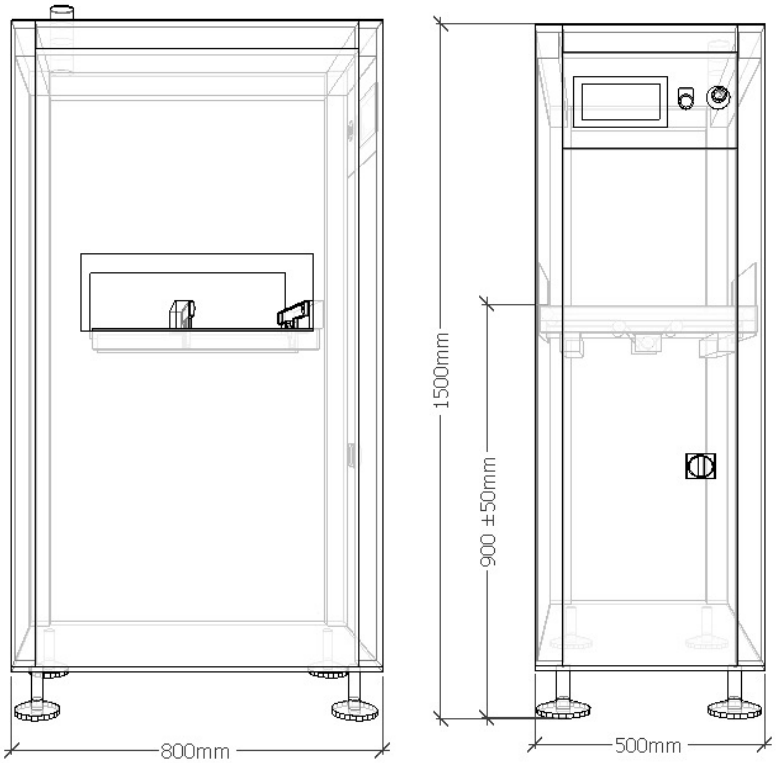
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Std. pneumatic movement
- Std. stroke from 240 to 950 mm
- Power Supply - 230Vac 50/Hz 1A
- Std conveyor Speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 150 kg

PCB & Pallet specification

- Max/Min PCB width 500 mm/60 mm
- Max PCB length 457mm
- Max PCB weight 2 Kg

Options

- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Programmable Stroke
- Line length 600 or 750 mm
- 8 mm carrying edge



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INDEX

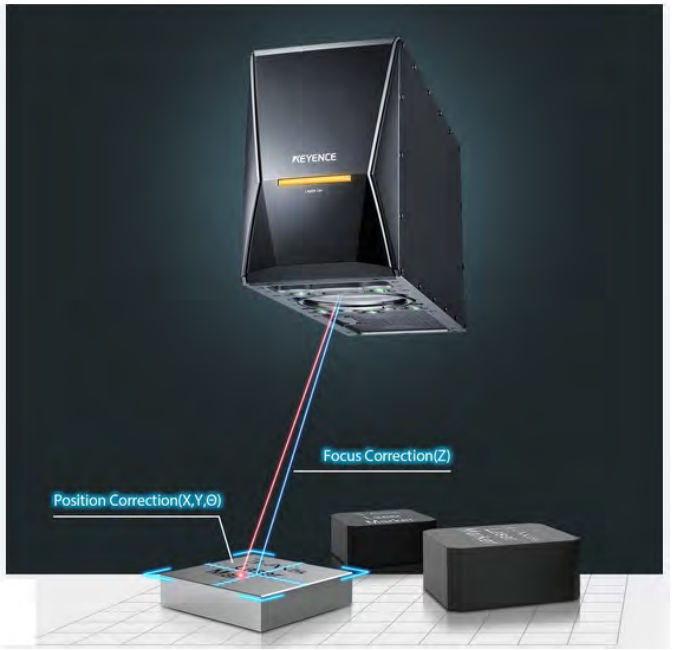
TRACEABILITY

Flexible laser marking cell FX-ML00

Laser marking cell

The in-line laser marking cell Fenix ML-00 is used for engraving into electronic PCBs barcode, 2d code, images, symbols and editing.
Thanks to the integrated board inverter, it is possible to engrave in top or bottom side of the board.

High performance laser integrated Keyence 3-Axis Hybrid Laser Marker



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Flexible laser marking cell FX-ML00

Technical Features

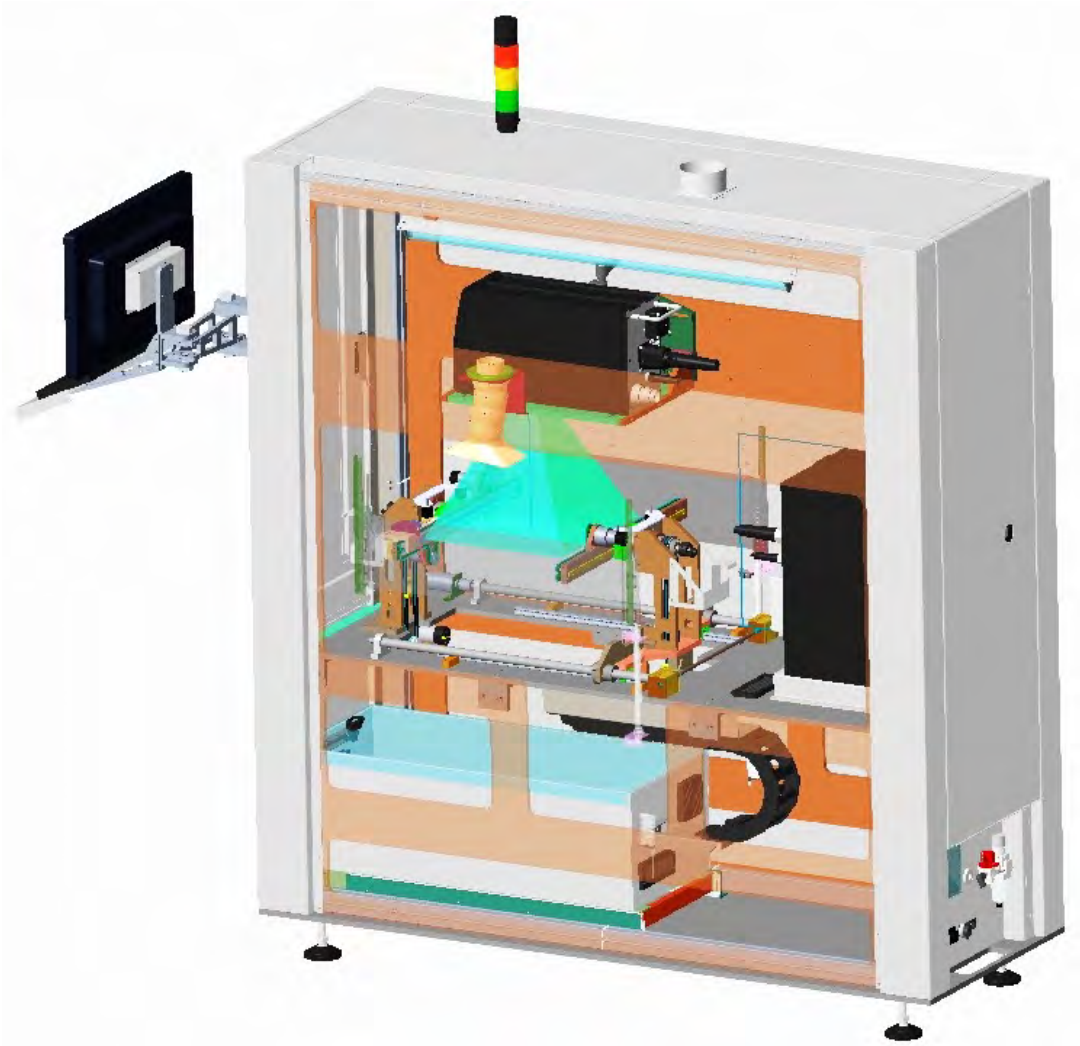
- Line length 600 mm
- Deepness 1600mm
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P = 2kW
- Laser Source Hibrid - 13 Watt
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 300 kg
- Marking area L=330 x W=330 mm
- Integrated Board inverter
- Closed marking area by Safety Shutter during engraving process

PCB specification

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

Options

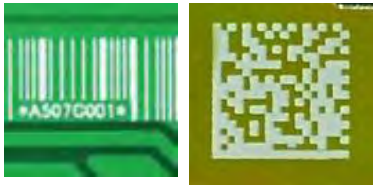
- Fume extractor
- Contact less cleaning system post marking



Flexible laser marking cell FX-ML50

Laser marking cell

The in line laser marking cell Fenix ML-50 is used for engraving, directly onto electronic PCBs or the final product cases, barcode, 2d code or images, symbols and editing. The laser and board are moved by servo axis allowing coverage of working surfaces from 450 mm L x 500 mm W (standard version) up to 1500 mm L x 500 mm W.



Flexible laser marking cell FX-ML50

Technical Features

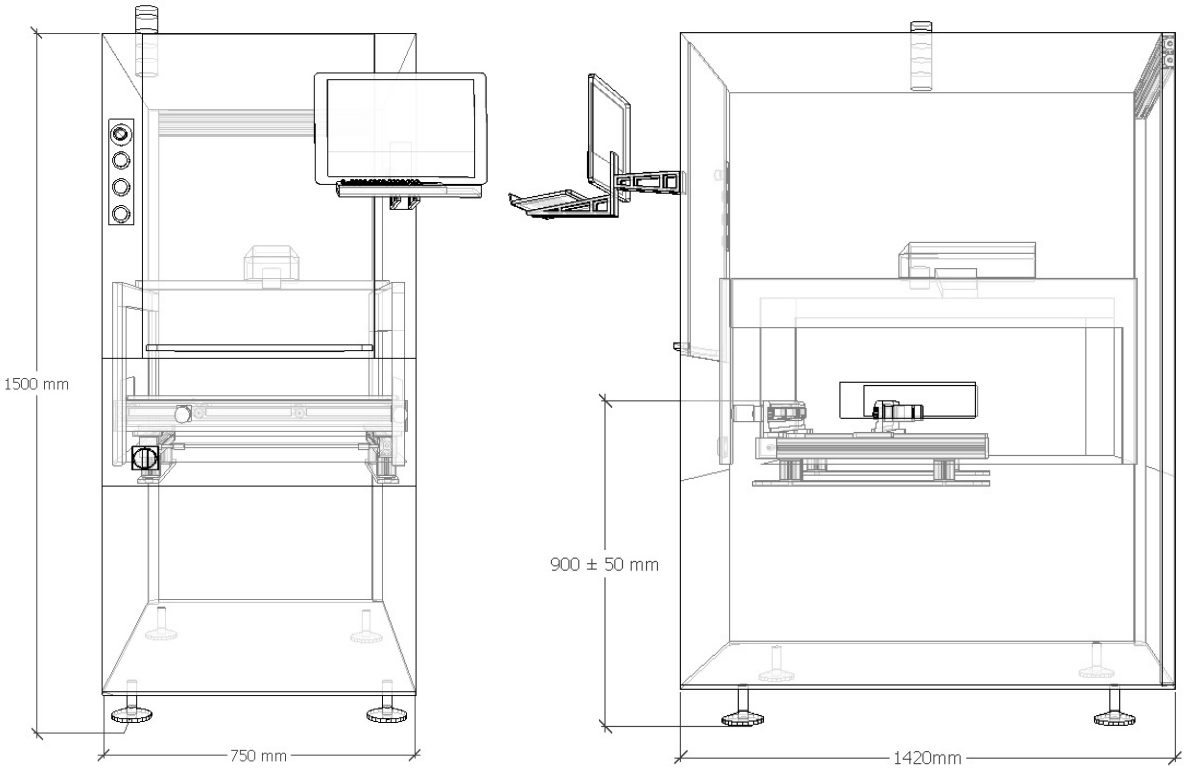
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P = 2kW
- Laser Source CO2 - 10 Watt
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 300 kg
- Marking area L=400 x W=500 mm
- Suitable conveyor for pallet and PCB
- Closed marking area by Safety Shutter during engraving process

PCB specification

- Max/min PCB width 500 mm/100 mm
- Max /min PCB length 450 mm/100 mm
- Max PCB weight 2 Kg

Options

- Longer board kit (up to 1.500 mm length)
- Contact-less cleaning sistem post marking



https://bit.ly/FENIX_MARKING

In Line labeling system FX-MA01

Labeling cell

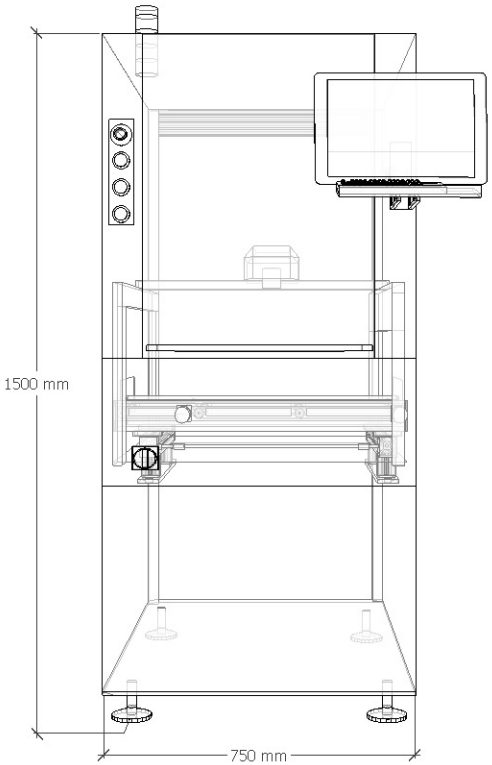
The FX-MA 01 cell is able to automatically apply adhesive labels directly on the surface of the electronic board, on top of electronic components or on a product transported to a production line.

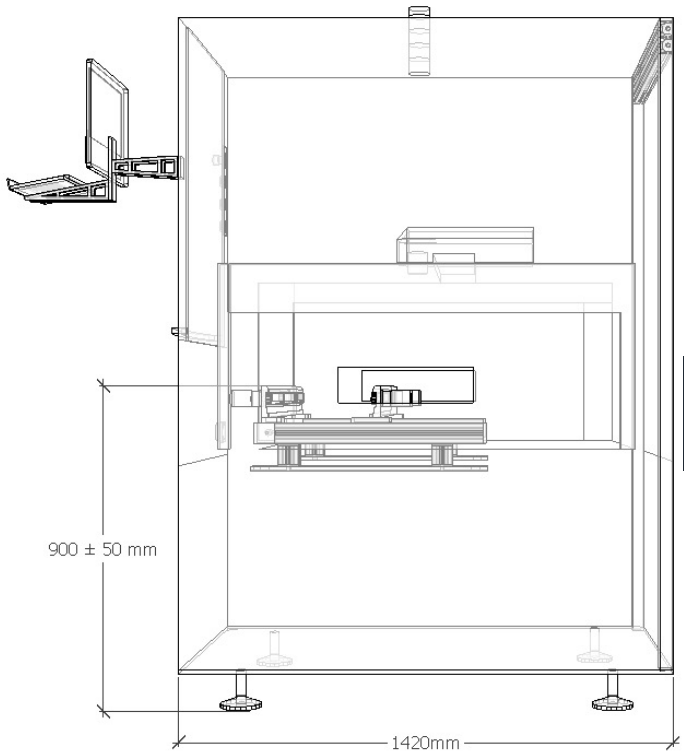
The cell, which works in line, is equipped with automatic printer and vertical applicator.
The data to be printed on the labels is transferred to real time.
The machine is capable to applying one or more labels in any position of the board or product to be processed.

In Line labeling system FX-MA01

Technical Features

- Line length 750 mm
- Max board width 320 mm
- Max board length 350 mm
- Sliding height SMEMA (950 mm)
- Velocità del convogliatore 12m/ min adjustable
- Width adjustment Electric EWA
- Transport direction L to R
- Fixed side Front
- Power supply - 230 V / 50 Hz
- Belt type on flat conveyor (3mm support)
- Color RAL7035
- Infeed Interface SMEMA
- Outfeed Interface SMEMA
- X axis Servo controlled
- Y axis Servo controlled
- Z axis Pneumatic variable height
- Operator interface Industrial PC
- Printer CAB





https://bit.ly/FX-MA01

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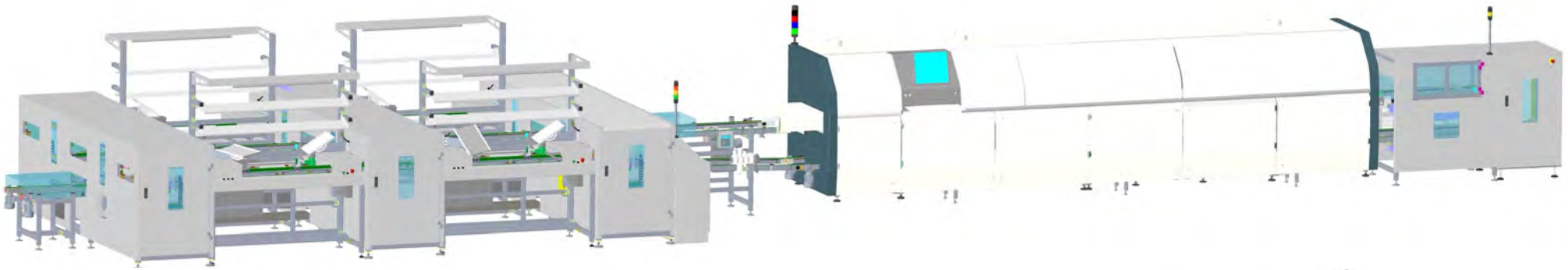
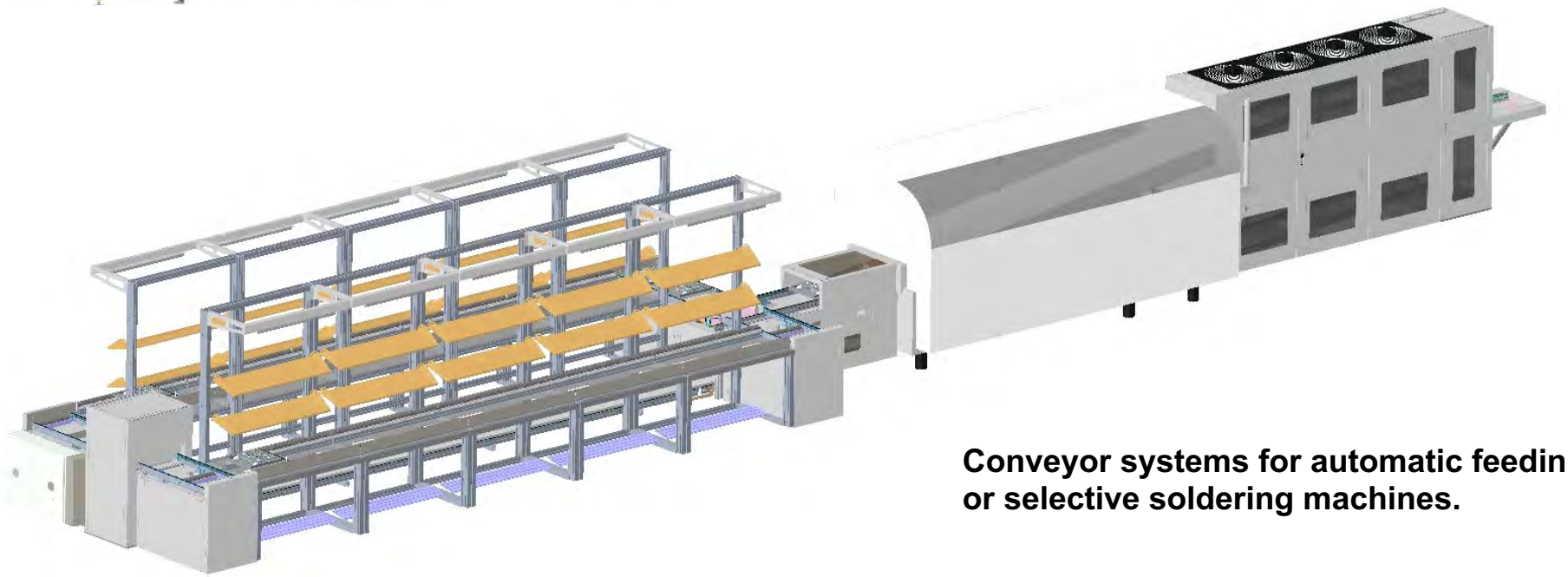
PCBs SOLDERING LINE

Soldering lines





Conveyor systems for automatic feeding of wave or selective soldering machines.

MOBILE ROBOT

MIR mobile robot

Automatic material handling & transportation

MIR mobile robot

Portata 500 Kg

Movimentazione di Euro pallet .

Portata 100 Kg

Movimentazione carichi medi .

Portata 200 Kg

Movimentazione carichi pesanti .

Mobile Robots, as implemented by Fenix Automation and suitably fitted, allow an automatic, safe and efficient flow of materials and accessories in the production premises.

Handling of PCB racks and ESD component boxes within the production area

https://bit.ly/FENIX_MOBILE

INDEX

ACCESSORIES

Quick width setting

High temperature

Long boards

FX-804

Technical Features

- External size: L355xW320xH563mm
- Side panel slot depth: 3.5 mm, width: 5 mm, pitch:10 mm
- Surface resistance: 10e4-10e6Ω /10e6-10e9Ω
- Specification for PCB: 355x（50-250）mm
- Storage capacity: 50pcs Max
- Tolerant Temperature: 85°C/120°C/200°C
- Materials: conductive side panel, aluminum pillar, zincification steel base
- Adjust way: gear track
- Ref postion: A=34 B=34

FX-807 BELT

Technical Features

- External size: L460xW400xH563mm
- Side panel slot depth: 3.5 mm, width: 5 mm, pitch:10 mm
- Surface resistance: 10e4-10e6Ω /10e6-10e9Ω
- Specification for PCB: 355x（50-250）mm
- Storage capacity: 50pcs
- Max Tolerant Temperature: 85°C
- Adjust way: belt adjust
- Materials: conductive side panel, aluminum pillar, zincification steel base
- Ref postion: A=34 B=34

Any customized length is available

FX-3134

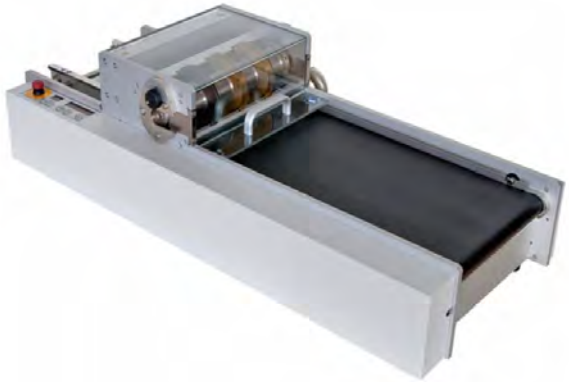
Technical Features

- **Material:** Conductive Plastics PP
- **Colour:** black
- **External dimension:** (50-350)*175*355mm
- **Surface resistance:** 104-106Ω
- **slots pitch 6mm, depth 3.9mm width 3.8mm**
- **any customized length is available**
- **Packing:** Carton Packing
- **Feature:** ESD PROTECTION

CAB PCB separators

Alu Board

Long Board



Multi blade

Rack trolley & elevator

Rack trolley with crank-operated platform height adjustment

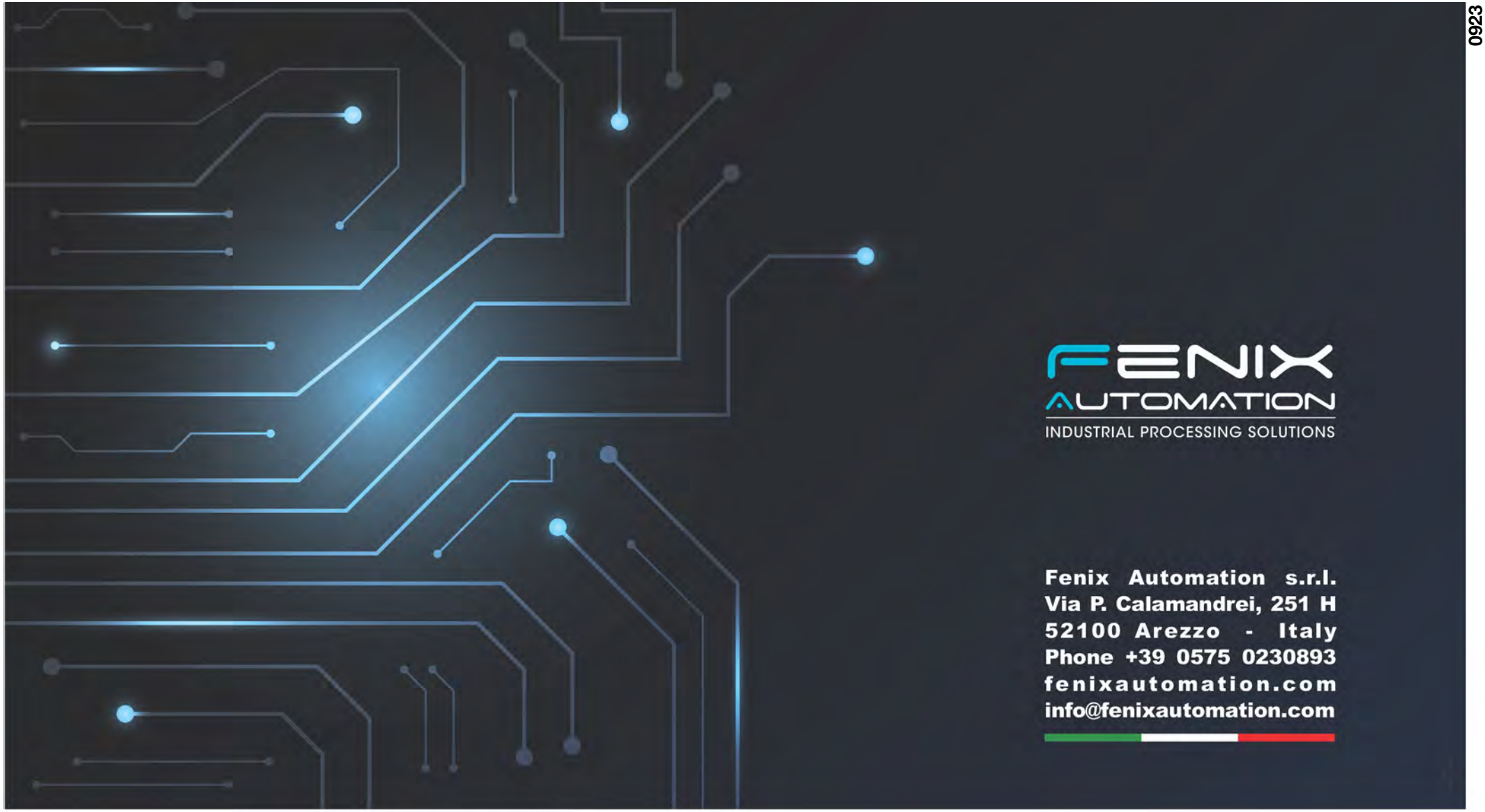
- Lifting capacity 120 Kg
- Lifting height up to 1.100 mm
- Lifting ratio 70 mm per revolution
- Ø 200 mm main wheels with ball bearings
- Parking brake
- Net weight 25 Kg

REECO ESD INDUSTRIAL TABLE

The presented list of elements is a sample configuration of the Premium 1530 table.

- Maximum load capacity: 600 kg
- Height adjustment: stepless
- Height adjustment range: 670 - 1120 mm
- Height adjustment lock: 4 screws (on each leg)
- Levelling: feet
- Applicable table top: ergonomic, rectangular
- Metal cast feet fot increased stability

www.**fenixautomation**.com



FENIX AUTOMATION

INDUSTRIAL PROCESSING SOLUTIONS

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