TRACEABILITY



Flexible laser marking cell FX-ML00

TRACEABILITY



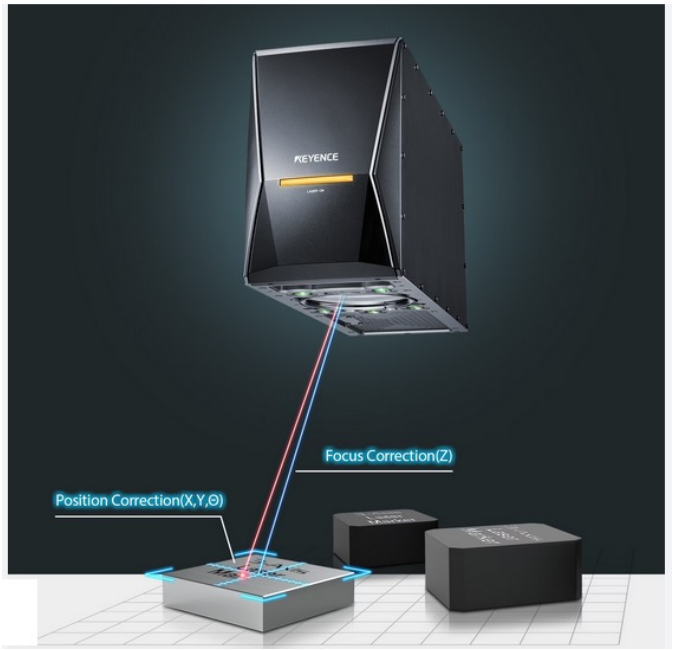
Laser marking cell

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







FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

Flexible laser marking cell FX-ML00

Technical Features

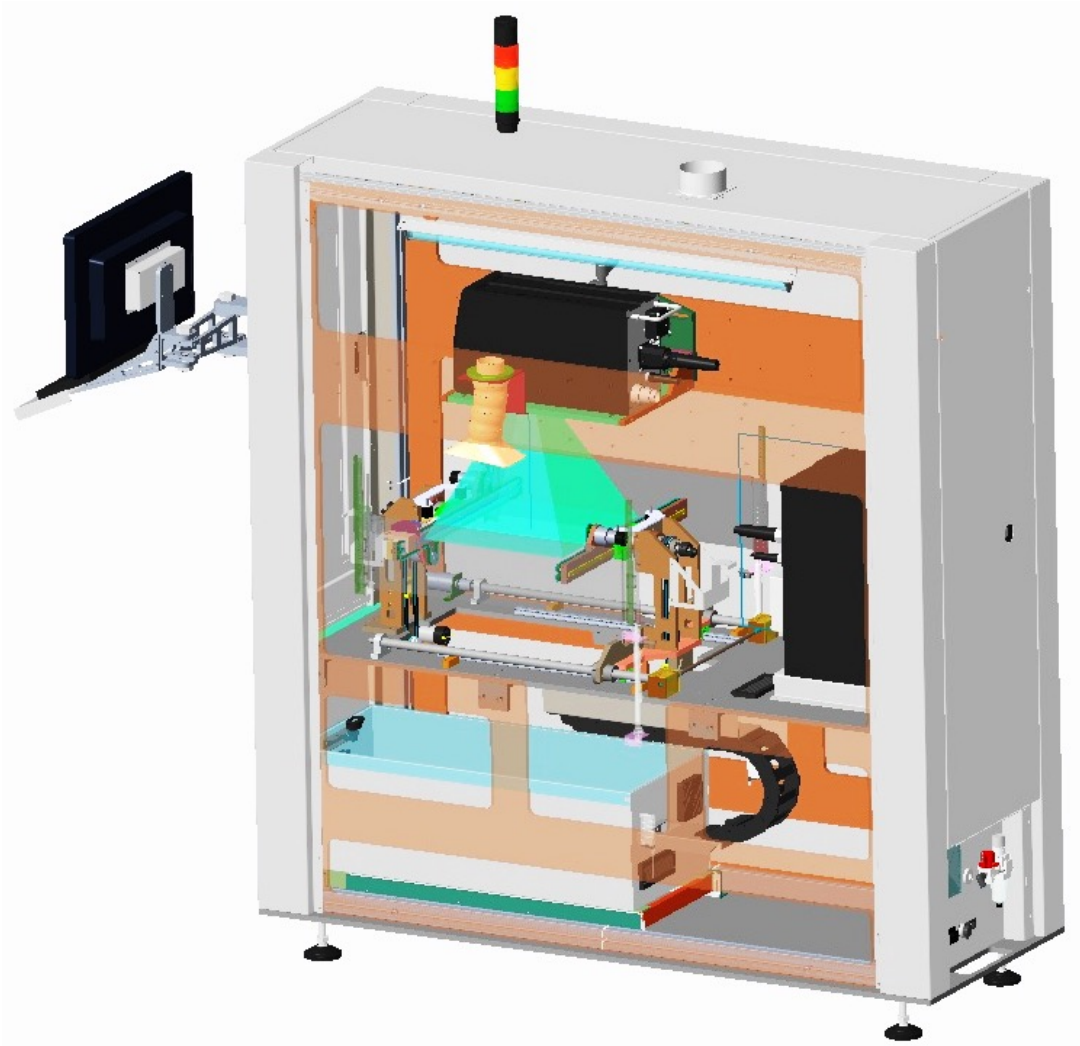
- Line length 600 mm
- Deepness 1600mm
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P = 2kW
- Laser Source Hibrid - 13 Watt
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 300 kg
- Marking area L=330 x W=330 mm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



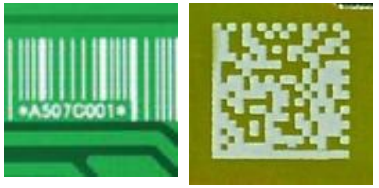
Flexible laser marking cell FX-ML50

TRACEABILITY



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.





FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

Flexible laser marking cell FX-ML50

Technical Features

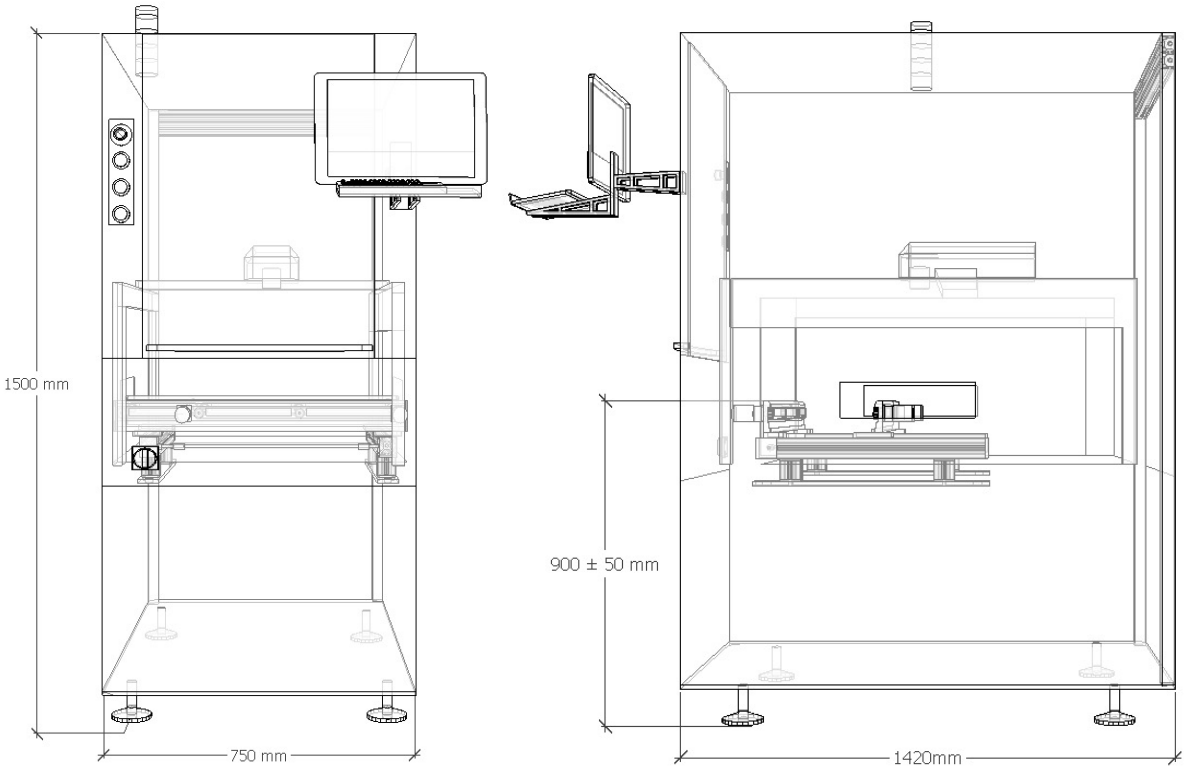
- In – Out SMEMA Interface
- ESD Safety Design
- CE Compliance
- Flat Belt (Width 3 mm)
- Power Supply - 230Vac 50/Hz 16A P = 2kW
- Laser Source CO2 - 10 Watt
- Conveyor Speed 6 m/min
- Automatic Width Adjustment
- Weight 300 kg
- Marking area L=400 x W=500 mm
- Suitable conveyor for pallet and PCB
-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

TRACEABILITY



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.





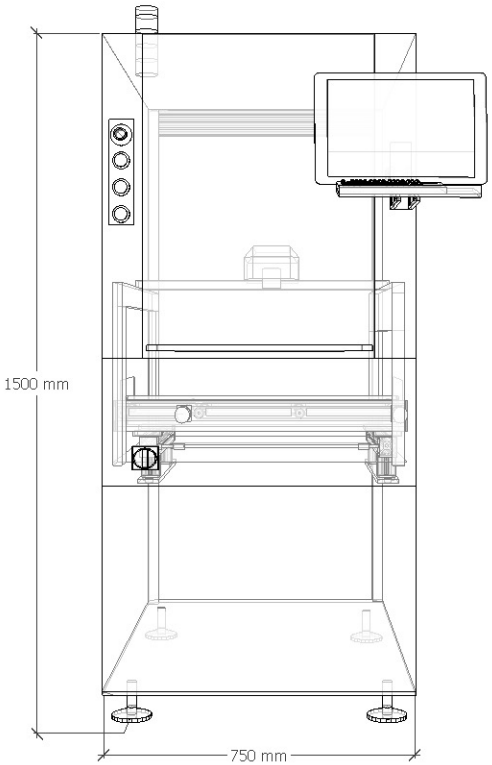


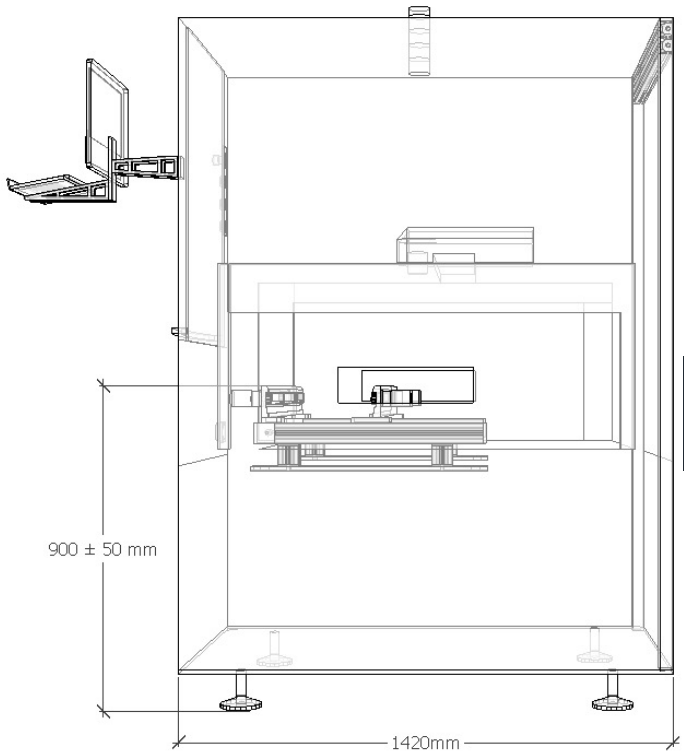
FENIX AUTOMATION
INDUSTRIAL PROCESSING SOLUTIONS

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