Seica
Automation

MODULO LA-1HD
MODULO LA-2HD

FULLY AUTOMATED
LABEL APPLICATOR
SINGLE PRINTER OR DOUBLE PRINTER

DESCRIPTION

The LABEL APPLICATOR module has been designed to apply a large number and different types of labels on PCBs or on TOP of SMD components.
The text, and the position of each label is easily programmable by HMI (windows base sw).
The servo driven X/Y axle moves the application head to the printer, a label is taken and then applied to the PCB on desired position and angle.
Vacuum sensing sensor control the transport from pickup to place.
Thanks to integrated thermal transfer (600dpi) printers, the quality of marking is assured also for small size labels.

2 HEADS LABEL APPLICATOR

- Frame: Steel Welded Frame
- Min-Max Thickness PCB: 0.8 - 4 mm
- Syst cartesian repeatability: ±0.1 mm
- Placement repeatability: ±0.25 mm
- Cycle time (average): 2.4" per label (2 heads)
- Max PCB dimension: 510 x 360 mm (L x W)
- Min PCB dimension: 100 x 80 mm (L x W)
- Max PCB Weight PCB: 2,5 Kg
- Clearance: top 50 mm
                  bottom 25 mm
- Conveyor Edge PCB: 3 mm each side
- Conveyor Type: ESD belt
- Conveyor Height: 950 mm +/ 25 mm
- Forward Speed conveyor: 200 mm/sec
- Conveyor: 2 sections (500 mm + 700 mm) independent
- Conveyor functionality: 1 or 2 sections by software
- Handling Time: 11" (1 section)
                        8" (2 sections)
                        5,5" (2 sections fast smema)

- Smema Standard Interface or fast smema
- Stopper: N°2 Pneumatic Type
- External dimensions: 1.200 x 1.360 x 1.830 mm (L x W X H)
- Weight: 720 kg
- Color: RAL 7035 powder coating
- Transparent covers: ESD POLYCARBONATE
- Pass-through: Yes by selector
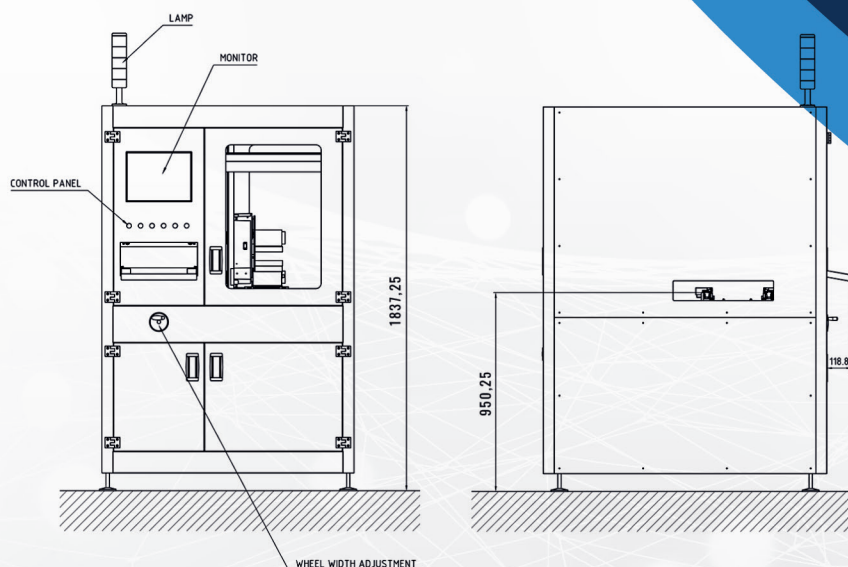- LED Lighting: Yes
- Acoustic Alarm: Yes

OPTIONS:

Pallet configuration

Bad mark camera

Top/bottom barcode reader

External flip unit

Zebra printers

Different color RAL

Traceability software

Camera on head for datamatrix reading

GENERAL SPECIFICATION

- STD PRINTERS CAB HERMES

- CODESOFT Programming license

- Cartesian X-Y system with brushless motors with close loop

- 2 independent pneumatic Z axis

- N°2 Electric rotating heads 0°-180°

- Spring head system

- Vacuum sensing of the label from pick up to placing

- N°1 CCD CAMERA for label grading and quality with led lighting system (option)

- N°2 side clamp units

- Bottom pneumatic support with adjustable magnetic pins

- N°1 AWA Automatic Width Adjust by recipe

- Auto calibration procedure tool with automatic correction of Cartesian coordinates (optional)

- Picking calibration

- Camera with software for auto adjustment of picking position (option)

- Bottom vacuum system for label picking

- Touch screen color monitor 19" for HMI

- Autocalibration of motors and encoders

- Software and hardware for external flip control

LAMP

MONITOR

CONTROL PANEL

1837,25

950,25

118.8

WHEEL WIDTH ADJUSTMENT

All modules have ESD safe design and CE mark, each module has indipendent control system. Technical specification and images may change without any advice, please contact our representative office.

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