

BLC S3

# LABELLING SYSTEM SERIES 3



TRACEABILITY  
SERIES

The unit is designed to accurately apply labels on PCB's or on top of components. It uses a X-Y gantry to move the applicator head between the label printer and the placement position. The PCB is clamped in position and supported from the bottom by manual positioned magnetic support pins while one or more labels are applied at any desired position. The number of labels and their positions are easily programmed in Windows™ based software.





# LABELLING SYSTEM SERIES 3

## STANDARD FEATURES

- > Rigid machine structure with large access doors.
- > Integrated 600 dpi printer.
- > ZebraDesigner 2 user license.
- > Slide-out mechanism (rear-side) for easy and fast label or ribbon replacement.
- > Label rotation programmable in 1° step.
- > Vacuum sensing of the label from pick-up to placement.
- > CCD camera to read label before pick-up.
- > Controlled by industrial PC.
- > Conveyor width adjustment using hand crank.
- > PCB side clamping.
- > Active support base including 4 magnetic pins.
- > Quick product change-over.
- > Selectable by-pass operation.
- > Uninterruptible power supply (UPS).
- > Towerlight display for machine status.
- > CE certified.

## OPTIONS

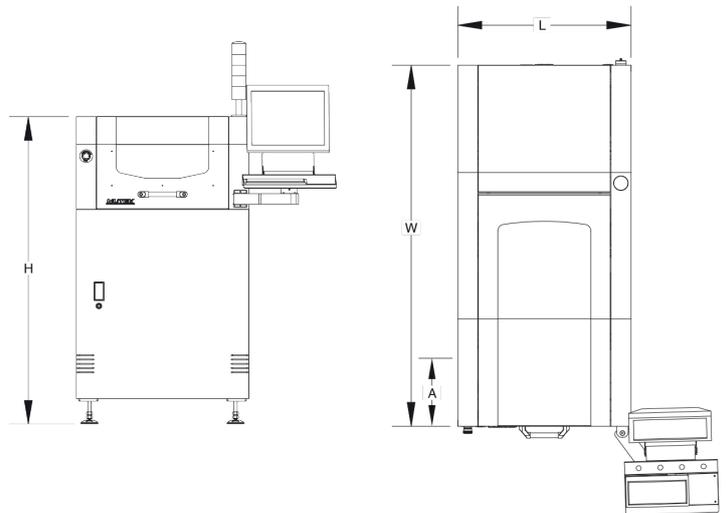
- > Program controlled conveyor width adjustment
- > Double sided labelling using integrated inverter
- > Active PCB bottom support in combination with integrated inverter
- > Database- and network connection
- > PCB orientation check

*Other options available on request*

## GENERAL MACHINE SPECIFICATION

<b>Printer type</b>	Zebra ZT610 (600 dpi)
<b>Minimum label size</b>	6 x 6 mm
<b>Label creation software</b>	ZebraDesigner 2
<b>Cycle time</b>	2.5 sec. per label (6 x 6 mm)
<b>Labelling area</b>	460 x 460 mm
<b>Conveyor type</b>	3 mm ESD edge belt
<b>Conveyor speed</b>	24 m/min
<b>System software</b>	Windows
<b>Network interface</b>	Ethernet
<b>Monitor</b>	21" high-density flatscreen
<b>PCB transfer height</b>	950 mm ± 25 mm*
<b>Component clearance</b>	Top 30 mm, bottom 30 mm*
<b>Machine interface</b>	SMEMA*
<b>Colour</b>	RAL9002*
<b>Power supply</b>	230 VAC/50 Hz/1 Ph
<b>Power consumption</b>	700 VA max.
<b>Air supply</b>	6 bar
<b>Air consumption</b>	70 ltr/min max.
<b>Noise level</b>	Max. 65 dB

*\* or specify*



MACHINE SIZES	BLC S3
Machine L x W x H (mm)	850 x 1680 x 1440
Weight (Kg)	750
Applicable PCB Length (mm)	80 - 508
Applicable PCB Width (mm)	65 - 460
PCB thickness (mm)	0.6 - 4
Fixed rail to front (A) (mm)	335