

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.



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.

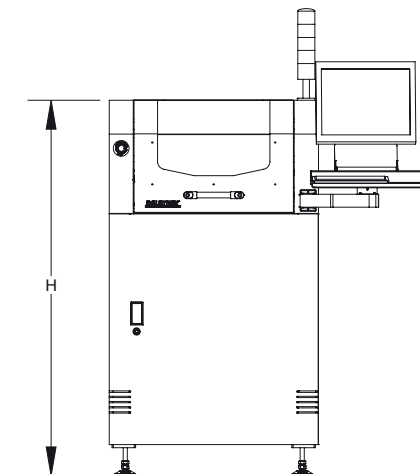
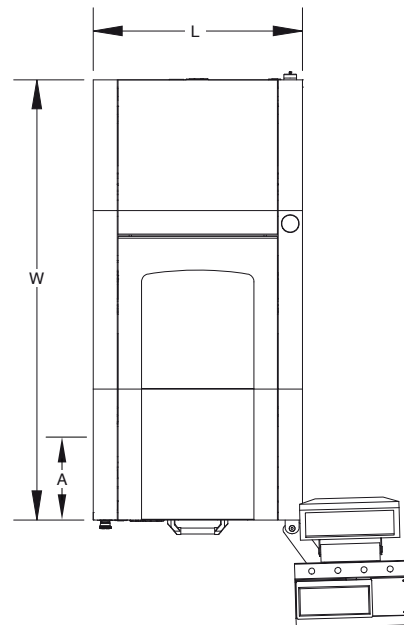
Technical specifications

Printer type:	Zebra 110 x i4 (600 dpi)
Minimum label size:	5 mm x 5 mm
Label creation software:	ZebraDesigner 2
Cycle time:	2.5 sec. per label
Conveyor type:	3 mm ESD edge belt
Conveyor speed:	24 m/min
PCB transfer time:	≤ 5 sec.
System software:	Windows XP
Network interface:	Ethernet
Monitor:	17" high-density flatscreen
PCB transfer height:	950 mm ± 25 mm*
Component clearance:	Top 30 mm, bottom 30 mm*
Machine interface:	SMEMA*
Colour:	RAL 9002*
Power supply:	230 VAC/50 Hz/1 Ph
Power consumption:	700 VA max.
Air supply:	6 bar
Air consumption:	70 ltr/min max.
Noise level:	Max. 65 dB
	* or specify



Options

- Program controlled conveyor width adjustment
 - Double-sided labelling using intergrated inverter (with this option PCB support is not available)
 - Second thermal transfer printer
 - Database- and network connection
 - PCB orientation check
- Other options available on request



	BLC-S3
Machine dimensions (l x w x h)	800 x 1680 x 1440 mm
Weight	750 kg
Applicable PCB length	80 mm - 460 mm
Applicable PCB width	65 mm - 460 mm
Applicable PCB thickness	0.6 mm - 4 mm
Fixed rail to front dimension (A)	335 mm