Bare board loader by pass

The bare board loader by pass has been designed for automatically loading unpopulated boards at the beginning, or in the middle of a PCB assembly line. A stack of bare boards is placed underneath the ESD belt conveyor. The bare boards are lifted one by one from the stack by vacuum and are gently lowered onto the belt segment, ready for the downstream machine.

Standard Features

- Large stock capacity.
- Adjustable suction pads.
- By pass mode selectable without removing PCB stack.
- Easy operation by membrane keypad.
- Controlled by Omron PLC.
- Convenient front door loading.
- Easy width adjustment by hand crank.
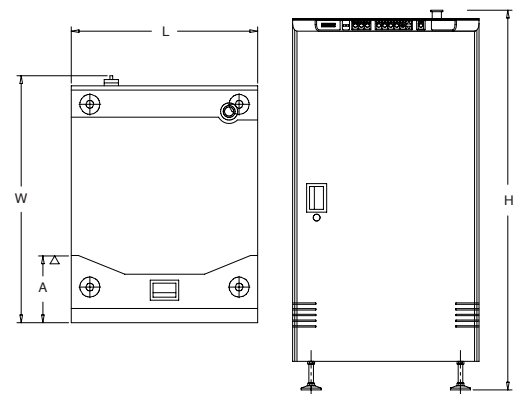- Tower light display for machine status.
- Smema interface.
- CE certified.

NUTEK

Technical specifications

Transfer height	950mm ± 25mm
Color	RAL 9002
Flow direction	Left to right
Fixed rail	Front
Conveyor concept	ESD belt
Belt speed	12m/min
PCB Edge support	3mm
Machine interface	SMEMA
Components clearance (by pass)	Top 30mm, bottom 30mm
Power supply	230VAC/50Hz/1Ph or 110VAC/60Hz/1Ph*
Power consumption	350VA max.
Air supply	6 bar
Air consumption	120ltr/min max.
PCB cycle time	± 10 seconds
Diameter suction pads	15mm
PCB stock capacity	250mm

	NTM 210BMBP	NTM 210BLBP	NTM 210BXLBP
Machine dimensions	500 x 729 x 1330	653 x 869 x 1330	653 x 969 x 1330
Weight	110kg	150kg	185kg
PCB length	80mm - 330mm	80mm - 457mm	80mm - 508mm
PCB width	50mm - 250mm	50mm - 407mm	50mm - 508mm

(All dimensions: l x w x h in mm)

Options
Different transfer height
Different machine color
Flow direction right to left
Fixed rail rear
Different machine interface
Alarm buzzer
1st Priority spare part kit
2nd Priority spare part kit
3rd Priority spare part kit
Other options available on request

* please specify upon order

Screenprinter

Inverter

Bare Board Loader By Pass

Linking Conveyor 500mm

Multi Magazine Line Loader