

# Vertical buffer



NTM VB-VM • NTM VB-VL • NTM VB-VXL

The vertical buffer is used when PCB's are to be buffered in Last In First Out (LIFO) mode. The PCB's are transferred onto the built-in ESD belt conveyor where the PCB's are lifted from the conveyor using a special chain.



## Standard features

- Buffer in LIFO mode.
- Controlled by PLC.
- Conveyor width adjustment using hand crank.
- Selectable pitch settings.
- Threshold signal to protect PCB's in upstream oven.
- Towerlight display for machine status.
- CE certified.

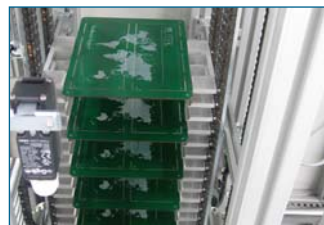
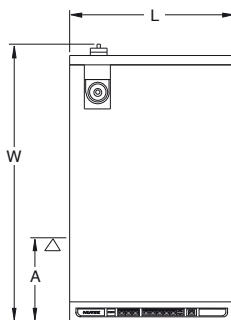
## Technical specifications

Transfer height:	950 mm ± 25 mm*
Colour:	RAL 9002*
Flow direction:	Left to right*
Fixed rail:	Front*
Machine interface:	SMEMA*
Conveyor concept:	ESD belt
Belt speed:	14 m/min.
PCB edge support:	3 mm
Components clearance:	Top 30 mm, bottom 30 mm (depends on pitch)
Power supply:	230 VAC/50 Hz/1 Ph
Power consumption:	250 VA max.
Machine cycle time:	± 15 seconds
Pitch control:	1-2, 25.4 mm pitch
Buffer capacity:	Max. 20 pcb's at pitch 1 * or specify

## Options

- Electrical conveyor width adjustment
- Automatic conveyor width adjustment
- Additional capacity of 30 PCB's at 25.4 mm pitch
- Additional capacity of 40 PCB's at 25.4 mm pitch
- Touchscreen display
- Alarm buzzer

Other options available on request



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Machine dimensions (l x w x h)	500 x 885 x 1730 mm	653 x 1040 x 1730 mm	653 x 1095 x 1730 mm
Weight	250 kg	300 kg	350 kg
PCB length	80 mm - 330 mm	80 mm - 457 mm	80 mm - 460 mm*
PCB width	75 mm - 250 mm	75 mm - 407 mm	75 mm - 460 mm*
Fixed rail to front dimension (A)	260 mm	260 mm	260 mm

\* or specify