

# Bare board loader by-pass



NTM 210BMBP • NTM 210BLBP • NTM 210BXLBP

*The unit is designed for automatic loading of unpopulated PCB's onto the line using suction cups. The top PCB is lifted from stack and lowered onto belt segment.*



## Standard features

- Large stock capacity.
- Flexible suction cup positioning.
- By-pass mode selectable without removing PCB stack.
- Controlled by PLC.
- Convenient front door stack loading.
- Conveyor width adjustment using hand crank.
- Towerlight display for machine status.
- Empty stack sensor.
- CE certified.

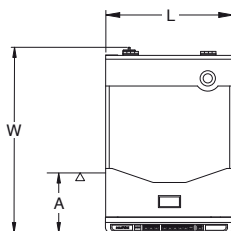
## Technical specifications

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 (by-pass):	Top 30 mm, bottom 30 mm
Power supply:	230 VAC/50 Hz/1 Ph
Power consumption:	150 VA max.
Air supply:	4-6 bar
Air consumption:	90 ltr/min max.
PCB cycle time:	± 10 seconds
Diameter suction pads:	15 mm
PCB thickness capability:	0.2 mm - 4.0 mm
PCB stock capacity:	220 mm * or specify

## Options

- Electrical conveyor width adjustment
- Automatic conveyor width adjustment
- Cantilevered input- or output conveyor (length 500 mm)
- Touchscreen display
- Alternative suction cup size
- Alarm buzzer

Other options available on request



	<b>NTM 210BMBP</b>	<b>NTM 210BLB</b>	<b>NTM 210BXLBP</b>
Machine dimensions (l x w x h)	500 x 730 x 1300 mm	653 x 870 x 1300 mm	653 x 952 x 1300 mm
Weight	110 kg	140 kg	160 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)	234 mm	234 mm	234 mm

\* or specify