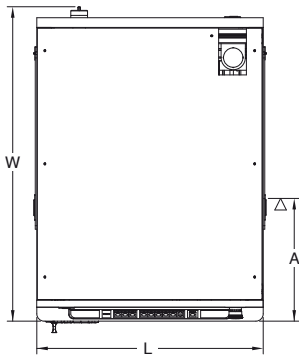


Belt FIFO buffer



NTM 660SM • NTM 660SL • NTM 660SXL

This unit allows buffering of PCB's in FIFO mode. It uses belt segments to hold the PCB over its complete length. When adding or extracting a PCB to/from the buffer a drive mechanism engages with the belt segment to smoothly transfer the PCB in- or out.



Standard features

- Selectable FIFO and 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
Conveyor 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:	600 VA max.
Air supply:	4-6 bar
Air consumption:	2 ltr/min max.
Machine cycle time:	8-30 with average of ~ 15 seconds.
Pitch control:	1-4, 27 mm pitch
Buffer capacity:	20 pcb's at pitch 1 * or specify

Options

- Servo drive upgrade for shortened cycle time
 - Cantilevered input- or output conveyor (length 500 mm)
 - Buffer capacity of 12 PCB's at 27mm pitch
 - Buffer capacity of 30 PCB's at 20 mm pitch
 - Adjustable threshold counter
 - Cool down timer or package
 - Electrical conveyor width adjustment
 - Automatic conveyor width adjustment
 - Reject mode for buffering bad boards
 - Touchscreen display
 - Alarm buzzer
- Other options available on request

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Machine dimensions (l x w x h)	500 x 1050 x 1700 mm	653 x 1210 x 1700 mm	700 x 1260 x 1700 mm
Weight	210 kg	240 kg	260 kg
PCB length	80 mm - 330 mm	80 mm - 457 mm	80 mm - 460 mm*
PCB width	50 mm - 250 mm	50 mm - 407 mm	50 mm - 460 mm*
Fixed rail to front dimension (A)	354 mm	354 mm	354 mm

* or specify