

BELT FIFO BUFFER

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
SERIES**





BELT FIFO BUFFER

STANDARD FEATURES

- > Selectable FIFO, LIFO and by-pass 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.

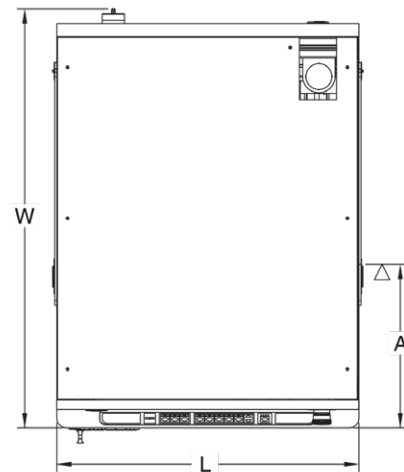
OPTIONS

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

Other options available on request

GENERAL MACHINE SPECIFICATION

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 <i>* or specify</i>



MACHINE SIZES	NTM 660SM	NTM 660SL	NTM 660SXL
Machine L x W x H (mm)	500 x 1050 x 1700	653 x 1210 x 1700	653 x 1260 x 1700
Weight (Kg)	210	240	260
PCB Length (mm)	80 - 330	80 - 457	80 - 460*
PCB Width (mm)	50 - 250	50 - 407	50 - 460*
Fixed rail to front (A) (mm)	354	354	354

** or specify*