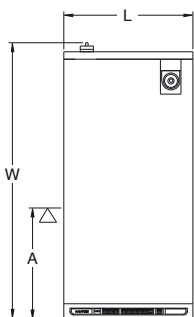


The FIFO buffer is designed to buffer PCB's in FIFO mode. The PCB's are transferred by special ESD rollers onto the pick-up location. Metal support bars lift the PCB carefully from the conveyor segment and stores them until downstream request.



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.

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 roller
Conveyor speed:	8 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:	350 VA max.
Air supply:	4-6 bar
Air consumption:	2 ltr/min max.
Machine cycle time:	12-30 seconds max.
Pitch control:	1-4, 20 mm pitch (component height -5 mm from selected pitch)
Buffer capacity:	Max. 26 pcb's at pitch 1 * or specify

Options

- High speed operation reducing cycle time to 20 sec.
- Cantilevered input- or output conveyor (length 500 mm)
- 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

	NTM 640SM	NTM 640SL	NTM 640SXL
Machine dimensions (l x w x h)	500 x 980 x 1700 mm	653 x 1080 x 1700 mm	653 x 1130 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)	425 mm	425 mm	425 mm

* or specify