

# INVERTER

*This unit is used to invert/flip PCB's (180°) for 'double-sided' process.*



STANDARD  
SERIES





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## STANDARD FEATURES

- > Pneumatic stopper to keep PCB in position during inverting.
- > Conveyor width adjustment using hand crank.
- > Controlled by PLC.
- > By-pass mode selectable.
- > CE certified.

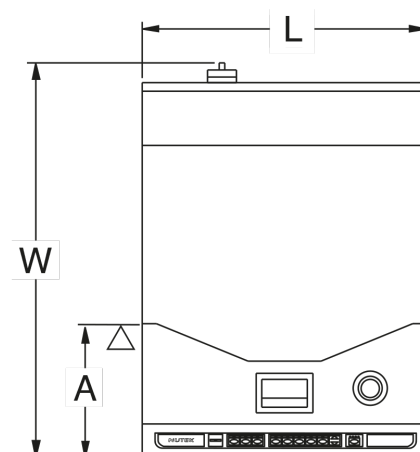
## OPTIONS

- > Frequency control upgrade for shortened cycle time
- > Electrical conveyor width adjustment
- > Automatic conveyor width adjustment
- > Cantilevered input- or output conveyor (length 500 mm)
- > Top clamping to hold down board during inverting
- > Touchscreen display
- > Towerlight 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
Belt speed	14 m/min.
PCB edge support	3 mm
Components clearance	Top 30 mm, bottom 30 mm
Power supply	230 VAC/50 Hz/1 Ph
Power consumption	200 VA max.
Air supply	4-6 bar
Air consumption	1.1 ltr/min max.
Machine cycle time	± 8 seconds <i>* or specify</i>



MACHINE SIZES	NTM310IM	NTM310IL	NTM310IXL
Machine L x W x H (mm)	500 x 729 x 1300	653 x 870 x 1300	653 x 960 x 1300
Weight (Kg)	110	120	130
PCB Length (mm)	80 - 330	80 - 457	80 - 460*
PCB Width (mm)	50 - 250	50 - 407	50 - 460*
Fixed rail to front (A) (mm)	234	234	234

*\* or specify*

CLEVER AS EVER