

Dual magazine line loader



NTM 720LM • NTM 720LL • NTM 720LXL

The PCB's are extracted from the magazines onto the shuttle conveyor using puller mechanism. Shuttle conveyor moves sideways between magazines and downstream machine.



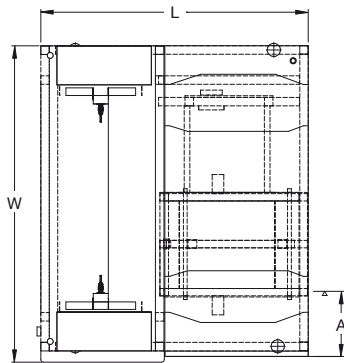
(right to left direction)

Standard features

- Magazines are manually placed on the platform and clamped in position.
- Controlled by PLC.
- Tailor made to the magazine of your choice.
- Regulated pressure on the integrated pull cylinder.
- Ball screw driven positioning of shuttle conveyor.
- Conveyor width adjustment using hand wheel.
- Towerlight display for machine status.
- Selectable pitch settings.
- 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:	Top 30 mm, bottom 30 mm (depends on pitch)
Power supply:	230 VAC/50 Hz/1 Ph
Power consumption:	550 VA max.
Air supply:	4-6 bar
Air consumption:	10 ltr/min max.
PCB loading time:	± 25 seconds (rear magazine)
Pitch control:	1-4, 10 mm pitch
	5 top magazine slots must remain empty
Maximum total magazine weight:	50 kg each
	* or specify



Options

- Servo drive upgrade for shortened cycle time
- Electrical conveyor width adjustment
- Automatic conveyor width adjustment
- Rotating pull cylinder to increase magazine capacity
- Puller moves at ratio 1:2 to conveyor width
- Hybrid magazine
- Dual direction for same side loading/unloading
- Touchscreen display
- Alarm buzzer

Other options available on request

	NTM 720LM	NTM 720LL	NTM 720LXL
Machine dimensions (l x w x h)	1080 x 1350 x 1750 mm	1420 x 1680 x 1750 mm	1420 x 1970 x 1750 mm
Weight	330 kg	400 kg	480 kg
PCB length	80 mm - 330 mm	80 mm - 457 mm	80 mm - 460 mm*
PCB width	70 mm - 250 mm	70 mm - 407 mm	70 mm - 460 mm*
Magazine dimensions (max.)	370 x 320 x 570 mm	535 x 460 x 570 mm	535 x 580 x 570 mm
Fixed rail to front dimension (A)	380 mm	380 mm	380 mm

* or specify