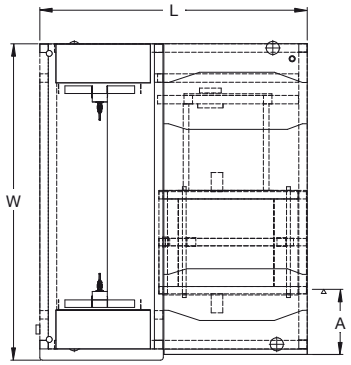
Dual magazine line loader

NTM 720LM • NTM 720LL • NTM 720LXL

NUTEK EUROPE

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



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

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