Magazine Loader, line unloader J213-51

Loads boards into a magazine • Easy reconfiguration to different magazine types • Sturdy construction with minimal footprint • Completely enclosed design • Optional touch screen user interface • Available with line width adjustment
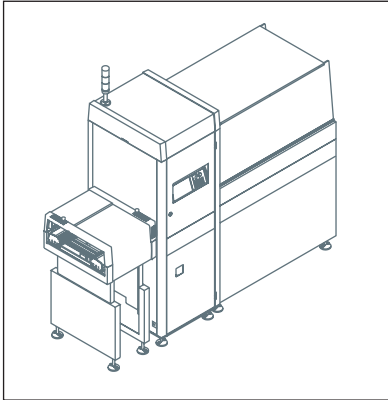

ELEKTROBIT

JOT AUTOMATION

Magazine Loader, line unloader **J213-51**

Standard Features

- ESD-safe design
- Programmable magazine elevator
- Automatic magazine change
- Indicator beacon
- Programmable magazine parameters
- SMEMA electrical interface
- CE-compliant safety
- Lead free process compatible

Technical Characteristics

- Length and width with infeed conveyor without free roller conveyor:
- Fixed edge 215 mm (8.5") from front
- Track height 900 – 965 mm (35.4 – 38"), adjustable
- Track width W, adjustment by hand crank (PCB conveyor only)
- Flat belts with 3 mm carrying edge (PCB conveyor only)
- Magazine change time appr. 25 seconds

- Board infeed max. 10 seconds/board
- Magazine conveyors:
  Length 2 x 600 mm (2 x 23.6 ")
  Height 245/945 mm (10.6/37.4")
  Tool-adjustable width
- Track speed of PCB conveyor 12 m/min (40 fpm)
- Pusher force detection
- Magazine dimensions:
  W320/W470 Height 200 – 570 mm (7.9" – 22.4")
  W320 Width 200 – 400 mm (7.9" – 15.7")
  W470 Width 200 – 550 mm (7.9" – 21.7")
  W320/470 Depth: 300 – 550 mm (11.8" – 21.7")
- Magazine weight with boards max. 40 kg (88 lbs)
- Weight 415 kg (915 lbs)
- Max. bottom component height 20 mm, top 100 mm

Installation Requirements

- Power supply 220 – 240 VAC / 50 Hz / 4 A or 110 – 120 VAC / 60 Hz / 8 A
- Pressurized air connection 0.6 MPa, max. 5 l/min dry (87 psi, max. 0.7 cfm)

Options

- Manual tool, Motorized or line width adjustment (PCB conveyor only)
- Free roller conveyor for easy magazine change only with five magazine places
- 500 mm (19.7") infeed PCB conveyor with safety cover (L3 = 500 mm (19.7"))

- Transport on 3 mm (0.12") round belts (PCB conveyor only)
- Slides for ceramic PCB's (PCB conveyor only)
- 3 or 1 magazine buffer
- Track speed of PCB conveyor 6 m/min (20 fpm) (PCB conveyor only) or 18 m/min (60 fpm) (PCB conveyor only)
- Touch screen operator panel
- Separate touch screen operator panel unit
- PCB conveyor speed control

Board Specifications

- JOT Board Specification 320/470

PCB width	W1	W2
320	650 (25.6")	750 mm (29.5")
470 standard	800 (31.5")	900 mm (35.4")

L	1 MG 600 (23.6")
	2 MG 1300 (51.2")
	5 MG 1800 (70.8")

L1	500 mm (19.7")
	1000 mm (39.4")