

Automatic Loader

Items	Specifications
Description	This unit is used for loading of PCBs.
PCB Magazine	Specify upon order
No. of Magazines	Upper Conveyor : 2 magazines Lower Conveyor : 3 magazines
PCB Loading Time	Approx. 6 seconds
Magazine Change-over Time	Approx. 30 seconds or specify
Indexing Pitch	1 - 4 (10 mm pitch) or specify
Power Source	100, 230VAC 1Ph
Power Consumption	350VA max.
Air Pressure	4 - 6 bar
Air Consumption	10 ltr/min max.

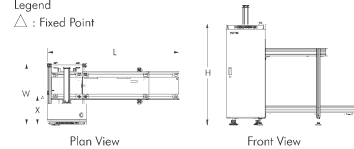
Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC0100LM	1700 x 800 x 1330	378 mm	145 kg
L	MFC0100LL	2480 x 960 x 1330	378 mm	250 kg

Features

- Sturdy and stable design
- User Friendly 'soft touch' LED membrane control panel
- Pneumatic clamps provided for magazine alignment
- Pneumatic pusher's pressure regulated
- High throughput with short magazine change-over time
- SMEMA compatible

* Magazine not included

Legend
△ : Fixed Point



Linking Conveyor (1M)

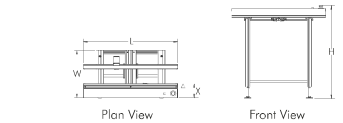
Items	Specifications
Description	This unit is used to link between SMT machines or board handling units.
Conveyor Concept	Belt
Conveyor Speed	14 m/min or specify
Power Source	100, 230VAC 1Ph
Power Consumption	100VA max.

Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC0401-M	1000 x 570 x 990	148 mm	60 kg
L	MFC0401-L	1000 x 730 x 990	148 mm	70 kg

Features

- Modular design
- Stability enhanced by 'robust design'
- Laser carved stainless steel side guides for superior quality and durability
- Ergonomic designed arm rest
- Smooth and parallel width adjustment (well-concealed leadscrew)
- Multi-zone concept available upon request
- Different lengths available upon request
- SMEMA compatible
- Patented (SG Patent No: 91261)

Legend
△ : Fixed Point



Automatic Unloader

Items	Specifications
Description	This unit is used for unloading of PCBs.
PCB Magazine	Specify upon order
No. of Magazines	Upper Conveyor : 2 magazines Lower Conveyor : 3 magazines
PCB Loading Time	Approx. 6 seconds
Magazine Change-over Time	Approx. 30 seconds or specify
Indexing Pitch	1 - 4 (10 mm pitch) or specify
Power Source	100, 230VAC 1Ph
Power Consumption	350VA max.
Air Pressure	4 - 6 bar
Air Consumption	10 ltr/min max.

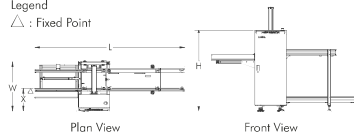
Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC0100UM	2400 x 800 x 1330	378 mm	180 kg
L	MFC0100UL	3380 x 960 x 1330	378 mm	280 kg

Features

- Includes pusher conveyor
- Adjustable pusher position
- Pneumatic pusher's pressure regulated
- Sturdy and stable design
- User friendly 'soft touch' LED membrane control panel
- Pneumatic clamps provided for magazine alignment
- High throughput with short magazine change-over time
- Laser carved stainless steel side guides for superior quality and durability
- SMEMA compatible

* Magazine not included

Legend
△ : Fixed Point



Inspection Conveyor (1M)

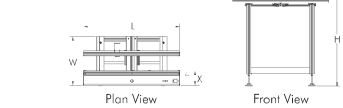
Items	Specifications
Description	This unit is used as a visual inspection station for operators between SMT machines or board handling units.
Conveyor Concept	Belt
Conveyor Speed	0.5 - 14 m/min or specify
Power Source	100, 230VAC 1Ph
Power Consumption	100VA max.

Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC0501-M	1000 x 570 x 990	148 mm	70 kg
L	MFC0501-L	1000 x 730 x 990	148 mm	80 kg

Features

- Modular design
- Stability enhanced by 'robust design'
- Laser carved stainless steel side guides for superior quality and durability
- Ergonomic designed arm rest
- Smooth and parallel width adjustment (well-concealed leadscrew)
- PCB inspection mode and bypass mode provided
- Multi-zone concept available upon request
- Different lengths available upon request
- Variable speed control
- SMEMA compatible
- Patented (SG Patent No: 91261)

Legend
△ : Fixed Point



Bare Board Loader (with Pass Through Mode)

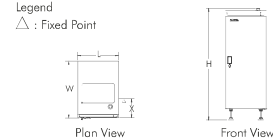
Items	Specifications
Description	This unit is used for loading of bare PCBs onto the production line.
Maximum PCBs Capacity	400 pcs (0.6 mm thick PCB)
Cycle Time	Approx. 10 seconds
Power Source	100, 230VAC 1PH
Power Consumption	150VA max.
Air Pressure	4 - 6 bar
Air Consumption	30 ltr/min max.

Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC0200PM	500 x 720 x 1380	234 mm	110 kg
L	MFC0200PL	653 x 880 x 1380	234 mm	140 kg

Features

- Enclosed design ensures highest level of safety
- Top safety cover can be opened for easy access to hardware during maintenance
- User friendly 'soft touch' LED membrane control panel
- Adjustable suction cup positions provide better grips of PCBs
- Smooth and parallel width adjustment (leadscrew)
- Small machine footprint
- SMEMA compatible

Legend
△ : Fixed Point



Workstation (1M)

Items	Specifications
Description	This unit allows manual assembly work to be carried out.
Conveyor Concept	Belt
Conveyor Speed	0.5 - 14 m/min or specify
Conveyor Length	1000 mm or specify
Power Source	100, 230VAC 1Ph
Power Consumption	200VA max.

Size	Model No.	Machine Dimension L x W x H (mm)	Fixed Point to Front Dimension (X)	Weight (approximate)
M	MFC1800-M	1000 x 740 x 2150	336 mm	90 kg
L	MFC1800-L	1000 x 900 x 2150	336 mm	100 kg

Features

- Modular design
- Stability enhanced by 'robust design'
- Laser carved stainless steel side guides for superior quality and durability
- PCB inspection mode and bypass mode provided
- Different lengths available upon request
- Multi-zone concept available upon request
- Equipped with lighting feature and single layer part tray
- Variable speed control
- SMEMA compatible
- Patented (SG Patent No: 91261)

Legend
△ : Fixed Point

