

Multi Magazine Loader/Unloader



LOADER



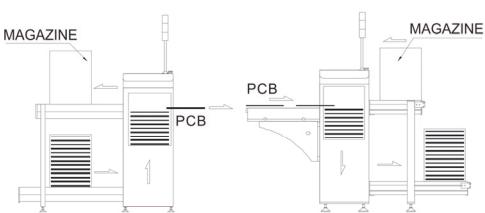
UNLOADER

Features

- User friendly soft touch LED membrane control panel
- Top & bottom pneumatic clamps to secure magazine rack
- Self diagnostic Error code display
- Pressure regulated pusher to prevent board damage
- Conveyor height 950 ± 30mm
- SMEMA compatible

Options

- Touch screen control
- Motorized/Automatic width adjustment
- Safety interlockers
- Different belt width and chain system
- Universal type (Multiple magazine sizes)

Technical Parameters		Schematic	
Description	These units are used for loading and unloading PCBs on/off the line		
Capacity	Up: 1 rack; Down: 2 racks		
Magazine Change Time	Approx. 30 seconds		
Power Source	AC 220V, 50/60Hz, 1 phase		
Power Consumption	300 Max		
Air Pressure & Consume	4-6 bar, 10 l/min Max.		

Specification						
Machine Type	Size	Model	Rack Size(LxWxH)	Machine Dimensions (LxWxH)	Effective PCB Size	Weight (Kg)
LOADER	M	WHM-300SD0BM-C	355x320x563	1365x769x1795	50x50 - 330x250	270
	L	WHM-300SD0BL-C	460x400x563	1650x845x1795	50x50 - 445x330	300
	LL	WHM-300SD0BLL-C	535x460x570	1868x898x1795	50x50 - 460x390	400
	XL	WHM-300SD0BXL-C	535x530x570	1800x979x1795	50x50 - 530x460	410
UNLOADER	M	WHM-301SD3BM-C	355x320x563	1898x769x1795	50x65 - 330x250	325
	L	WHM-301SD3BL-C	460x400x563	2454x846x1795	50x65 - 445x330	355
	LL	WHM-301SD3BLL-C	535x460x570	2604x898x1795	50x65 - 460x390	460
	XL	WHM-301SD3BXL-C	535x530x570	2632x973x1795	50x65 - 530x460	470

Mini Magazine Loader/Unloader



MINI LOADER



MINI UNLOADER

Features

- Especially for factories with limitations of space
- User friendly soft touch LED membrane control panel
- Top & bottom pneumatic clamps to secure magazine rack
- Self diagnostic Error code display
- Pressure regulated pusher to prevent board damage
- Conveyor height 950 ± 30 mm
- SMEMA compatible

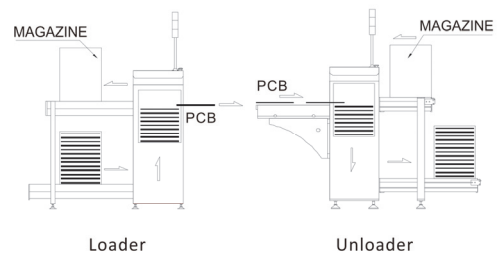
Options

- Touch screen control
- Motorized/Automatic width adjustment
- Safety interlockers
- Different belt width and chain system
- Universal type (Multiple magazine sizes)

Technical Parameters

Description	These units are used for loading and unloading PCBs on/off the line
Capacity	Up: 1 rack; Down: 1 rack
Magazine Change Time	Approx. 30 seconds
Power Source	AC 220V, 50/60Hz, 1 phase
Power Consumption	300 Max
Air Pressure & Consume	4-6 bar, 10 l/min Max.

Schematic



Specification

Machine Type	Size	Model	Rack Size(LxWxH)	Machine Dimensions (LxWxH)	Effective PCB Size	Weight (Kg)
LOADER	M	WHM-320SD0BM-C	355x320x563	1100x766x1670	50x50 - 330x250	150
	L	WHM-320SD0BL-C	460x400x563	1300x850x1670	50x50 - 445x330	190
	LL	WHM-320SD0BLL-C	535x460x570	1646x905x1670	50x50 - 460x390	230
	XL	WHM-320SD0BXL-C	535x530x570	1646x973x1670	50x50 - 530x460	270
UNLOADER	M	WHM-321SD3BM-C	355x320x563	1618x765x1670	50x65 - 330x250	185
	L	WHM-321SD3BL-C	460x400x563	1760x850x1670	50x65 - 445x330	230
	LL	WHM-321SD3BLL-C	535x460x570	1834x1033x1670	50x65 - 460x390	275
	XL	WHM-321SD3BXL-C	535x530x570	2009x1103x1670	50x65 - 530x460	320

90 Degrees Unloader

Features

- User friendly control panel
- Top & bottom pneumatic clamps to secure magazine rack
- Self diagnostic Error code display
- Pressure regulated pusher to prevent board damage
- Front or Rear unloading to reduce machine length
- Conveyor height 950 ± 30mm
- SMEMA compatible

Options

- Touch screen control
- Motorized/Automatic width adjustment
- Safety interlockers
- Different belt width and chain system
- Universal type (Multiple magazine sizes)

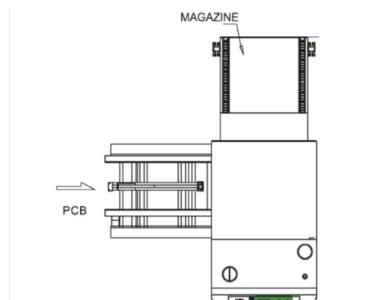


Rear magazine ramps

Technical Parameters

Schematic

Description	These units are used for unloading PCBs out of the line through the front or rear side
Capacity	Up: 1 rack; Down: 1 rack
Magazine Change Time	Approx. 30 seconds
Indexing Pitch	10, 20, 30, 40mm or specify
Power Source	AC 220V, 50/60Hz, 1 phase
Power Consumption	300W Max.
Air Pressure & Consume	4-6 bar, 10 l/min Max.



Specification

Units in mm

Size	Model	Machine Dimensions (LxWxH) in mm	Effective PCB Size (LxW) in mm	Rack Size (LxWxH) in mm	Weight (Kg)
M	WHM-303SD3BM-C	1036x1621x1682	50x65 - 330x250	355x320x563	400
L	WHM-303SD3BL-C	1240x1896x1682	50x65 - 445x330	460x400x563	420
LL	WHM-303SD3BLL-C	1300x1969x1682	50x65 - 530x390	535x460x570	440
XL	WHM-303SD3BXL-C	1410x2069x1682	50x65 - 530x460	535x530x570	460

Single Magazine Unloader



Features

- User friendly soft touch LED membrane control panel
- Especially for factories with limitations of space
- Top & bottom pneumatic clamps to secure magazine rack
- Self diagnostic Error code display
- Pressure regulated pusher to prevent board damage
- Rear door to load/unload a magazine inside the machine
- Conveyor height 950 ± 30 mm
- SMEMA compatible

Options

- Touch screen control
- Motorized/Automatic width adjustment
- Safety interlockers
- Different belt width and chain system
- Universal type (Multiple magazine sizes)

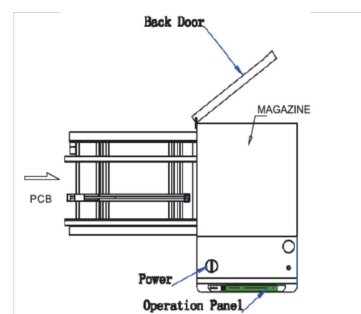


Rear Door

Technical Parameters

Description	These units are used for unloading PCBs out of the line when there is space limitation
Capacity	1 single magazine
Magazine Change Time	Approx. 30 seconds
Indexing Pitch	10, 20, 30, 40mm or specify
Power Source	AC 220V, 50/60Hz, 1 phase
Power Consumption	300W Max.
Air Pressure & Consume	4-6 bar, 10 l/min Max.

Schematic



Specification

Units in mm

Size	Model	Machine Dimensions (LxWxH) in mm	Effective PCB Size (LxW) in mm	Rack Size (LxWxH) in mm	Weight (Kg)
M	WHM-302SD3BM-C	1032x819x1682	50x65 - 330x250	355x320x563	400
L	WHM-302SD3BL-C	1186x900x1682	50x65 - 445x330	460x400x563	420
LL	WHM-302D3BLL-C	1413x951x1682	50x65 - 530x390	535x460x570	440
XL	WHM-302SD3BXL-C	1434x1028x1682	50x65 - 530x460	535x530x570	460

NG/OK UNLOADER

Dual Magazine Unloader



Features

- User friendly soft touch screen control
- Top & bottom pneumatic clamps to secure magazine rack
- Automatic shuttle moves the board to the desired rack exit for NG function, or dual magazine configuration.
- Pressure regulated pusher to prevent board damage
- Conveyor height 950 ± 30 mm
- SMEMA compatible

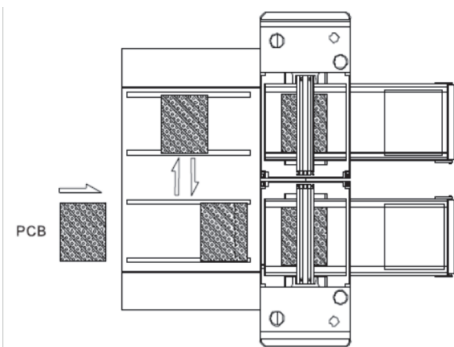
Options

- Motorized/Automatic width adjustment
- Safety interlockers
- Different belt width and chain system
- Universal type (Multiple magazine sizes)

Technical Parameters

Description	These units are used for unloading PCBs off the line, in a dual magazine, or in an NG/OK selection mode.
Capacity	Up: 2 racks; Down: 4 racks
Magazine Change Time	Approx. 30 seconds
Indexing Pitch	10, 20, 30, 40mm or specify
Power Source	AC 220V, 50/60Hz, 1 phase
Power Consumption	300W Max.
Air Pressure & Consume	4-6 bar, 10 l/min Max.

Schematic



Specification

Units in mm

Machine Type	Size	Model	Machine Dimensions) (LxWxH) in mm	Effective PCB Size (LxW) in mm	Rack Size (LxWxH)	Weight (Kg)
NG/OK UNLOADER	M	WHM-305SD3BM	1902x1527x1683	50x65 - 330x250	355x320x563	760
	L	WHM-305SD3BL	2298x1688x1683	50x65 - 445x330	460x400x563	820
	LL	WHM-305SD3BLL	2683x1940x1683	50x65 - 530x390	535x460x570	870
	XL	WHM-305SD3BXL	3083x2216x1683	50x65 - 530x460	535x530x570	980
DUAL MAG UN-LOADER	M	WHM-306SD3BM	1902x1527x1683	50x65 - 330x250	355x320x563	760