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High Version Conveyor Series

AA-BCH350

AA-BCH460



Descriptions

This unit is used to link between production machines or board handling units.

Standard features

- Panasonic PLC Program control.
- Start / Stop push button.
- Anti-static conveyor belt.
- Centre PCB stop position.
- Easy way of belt replacement.
- Inspect and by-pass mode selectable.
- Sturdy structure offers reliable operation in demanding production.
- PCB precise stopping in position.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

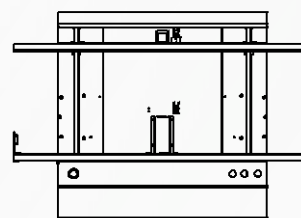
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. or specify
- Load bearing: 2kg/PCB

Options

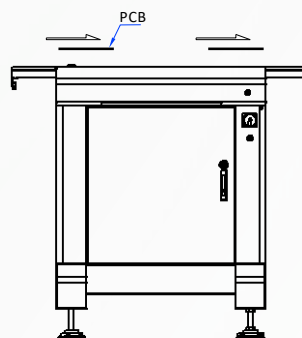
- Light fixture.
- Additional working table.
- Non standard conveyor / segment lengths.
- Automatic width adjustment. (set in touchscreen)
- Dust cover.(customized length)
- Cooling system.(0.5m long 2 fans / 1m long 4 fans or specify)
- Other options available on request.



Structure



Schematic



Standard Length(L): 500, 600, 1000, 1500, 2000.

Model No	AA-BCH350-(L)	AA-BCH460-(L)
Machine Dimension (L x W x H)	(L) x 700 x 910	(L) x 810 x 910
Weight	70~100kg	90~130kg
PCB LxW (Min~Max)	(60 x 60) ~ ((L) x 350)mm	(60 x 60) ~ ((L) x 460)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	230mm	230mm

Customized is available

Inspection Conveyor Series

AA-BCI350 AA-BCI460



Descriptions

The inspection conveyor is used when frequent visual inspection of PCB's is required in the PCB assembly line.

Standard features

- Panasonic PLC Program control.
- Overhead LED lighting.
- Start / Stop push button.
- Anti-static conveyor belt.
- Centre PCB stop position.
- Easy way of belt replacement.
- Work and by-pass mode selectable.
- Heavy bottom design to prevent shifting.
- PCB precise stopping in position.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.



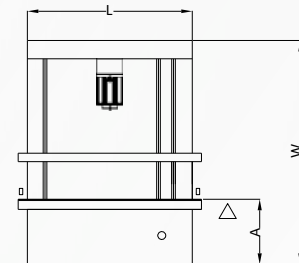
Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed: 0.5-15m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max.
- Load bearing: 2kg/PCB

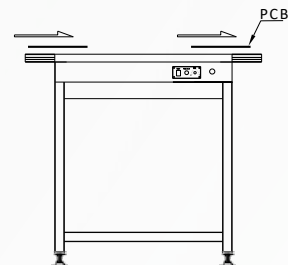
Options

- Non standard conveyor / segment lengths.
- Electrical width adjustment.
- Dust cover.(customized length)
- Cooling system.(0.5m long 2fans / 1m long 4 fans or specify)
- Other options available on request.

Structure



Schematic



Standard Length(L): 500, 600, 1000, 1500, 2000.

Model No	AA-BCI350-(L)	AA-BCI460(-)	AA-BCI250D(L) (Dual Lane)
Machine Dimension (L x W x H)	(L) x 710 x 920	(L) x 820 x 920	(L) x 1020 x 910
Weight	70~100kg	90~130kg	110kg ~ 130kg
PCB L x W (Min~Max)	(60 x 60) ~ ((L) x 350)mm	(60 x 60) ~ ((L) x 460)mm	(60 x 60) ~ ((L) x 350)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	230mm	230mm	230mm

Customized is available

Linking Conveyor Series

AA-BC350 AA-BC460



Descriptions

This unit is used to link between production machines or board handling units.

Standard features

- Panasonic PLC Program control.
- Start / Stop push button.
- Anti-static conveyor belt.
- Easy way of belt replacement.
- Heavy bottom design to prevent shifting.
- PCB precise stopping in position.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

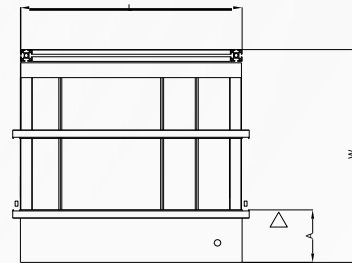
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. orspecify
- Load bearing: 2kg/PCB

Options

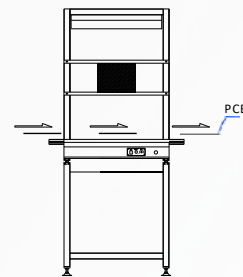
- Non standard conveyor / segment lengths.
- Electrical width adjustment.
- Dust cover.(customized length)
- Cooling system.(0.5m long 2 fans / 1m long 4 fans or specify)
- Other options available on request.



Structure



Schematic



Standard Length(L): 500, 600, 1000, 1500, 2000.

Model No	AA-BC350-(L)	AA-BC460(L)	AA-BC250D(L) (Dual Lane)
Machine Dimension (L x W x H)	(L) x 760 x 920	(L) x 870 x 920	(L) x 1020 x 920
Weight	70 ~100kg	90~130kg	110kg~130kg
PCB L x W (Min~Max)	(60 x 60) ~ ((L)x350)mm	(60 x 60) ~ ((L) x 460)mm	(60 x 60) ~ ((L) x 350)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	230mm	230mm	230mm

Customized is available

Reject Conveyor Series

AA-FX350 AA-FX460 AA-FX250D



Descriptions

The unit installed after AOI for separated NG board for visual inspect and good board will pass through without stopping.

Standard features

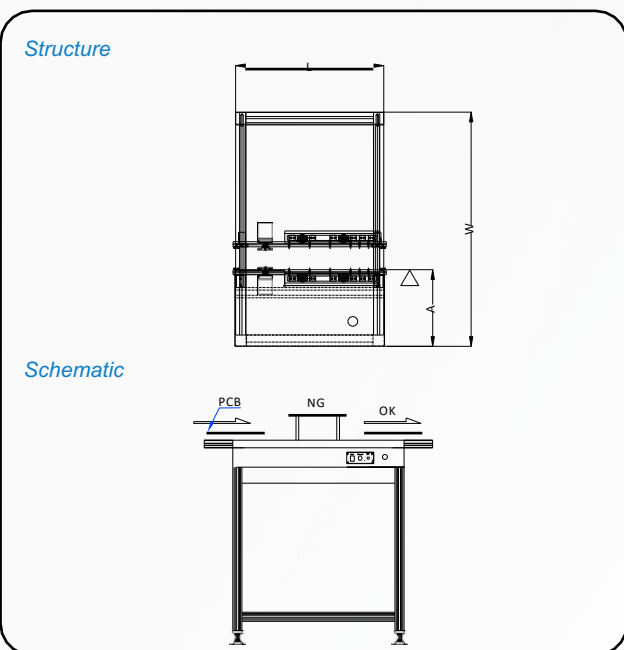
- Panasonic PLC Program control.
- Start / Stop push button.
- Anti-static conveyor belt.
- Centre PCB stop position.
- Touchscreen control pannel.
- Easy way of belt replacement.
- Reject and by-pass mode selectable.
- Heavy bottom design to prevent shifting.
- PCB precise stopping in position.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. or specify
- Load bearing: 2kg/PCB
- Buffering capacity: 9PCB or specify.

Options

- Automatic width adjustment (set in touchscreen)
- Light fixture with tower light
- Additional lift positions for extra buffer capacity
- Other options available on request.



Standard Length(L): 600 , 1000 .

Model No	AA-FX350(L)	AA-FX460(L)
Machine Dimension (L x W x H)	(L) x 805x 1000	(L) x 915x 1000
Weight	100kg/120kg	120kg/150kg
PCB L x W (Min~Max)	(60 x 60)~(450 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	300mm	300mm

Customized is available

Dual Lane Reject Conveyor Series

AA-FX250D-600

AA-FX250D-1000

Descriptions

The unit installed after AOI for separated NG board for visual inspect and good board will pass through without stopping.

Standard features

- Panasonic PLC Program control.
- Start / Stop push button.
- Anti-static conveyor belt.
- Centre PCB stop position.
- Touchscreen control panel.
- Easy way of belt replacement.
- Reject and by-pass mode selectable.
- Heavy bottom design to prevent shifting.
- PCB precise stopping in position.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

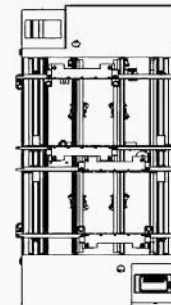
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. or specify
- Load bearing: 2kg/PCB
- Buffering capacity: 18PCB or specify.

Options

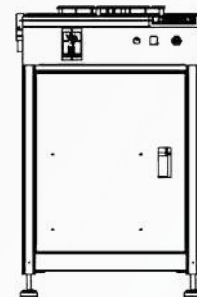
- Automatic width adjustment (set in touchscreen)
- Light fixture with tower light
- Additional lift positions for extra buffer capacity.
- Other options available on request.



Structure



Schematic



Model No	AA-FX250D-600	AA-FX250D-1000
Machine Dimension (L x W x H)	500x 1350x 1000	1000x 1350 x 1000
Weight	140kg	170kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(530 x 250)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	320mm	320mm

Customized is available

Telescopic Conveyor Series

AA-TC350 AA-TC460

Descriptions

The unit provides a 'normal open' passage in a PCB assembly line. An integrated conveyor segment slides across the opening to deliver PCB to downstream machine.

Standard features

- Panasonic PLC Program control.
- enclosed design.
- Normal Opened
- Electrically driven for smooth extension and retraction.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

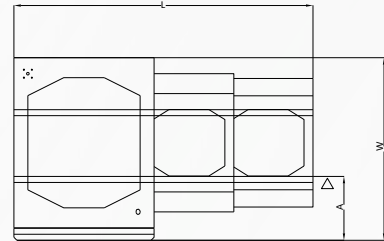
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. or specify
- Machine cycle time: ± 12 seconds
- Passage way: 750mm or specify
- Load bearing: 2kg/PCB

Options

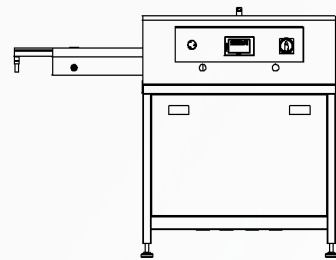
- Passageway length is customized
- Automatic width adjustment (set in touchscreen).
- Normal closed operation.(750 mm passage way)
- Other options available on request.



Structure



Schematic



Model No	AA-TC350	AA-TC460
Machine Dimension (L x W x H)	1500 x 750x 1100	1500x 750x 1100
Weight	160kg	190kg
PCB L x W (Min~Max)	(60 x 60)~(460 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	160mm	150mm

Customized is available

Lowering Gate Conveyor Series

AA-LGC350 AA-LGC460

Descriptions

This unit is used when a passage way is required in a production line.

Standard features

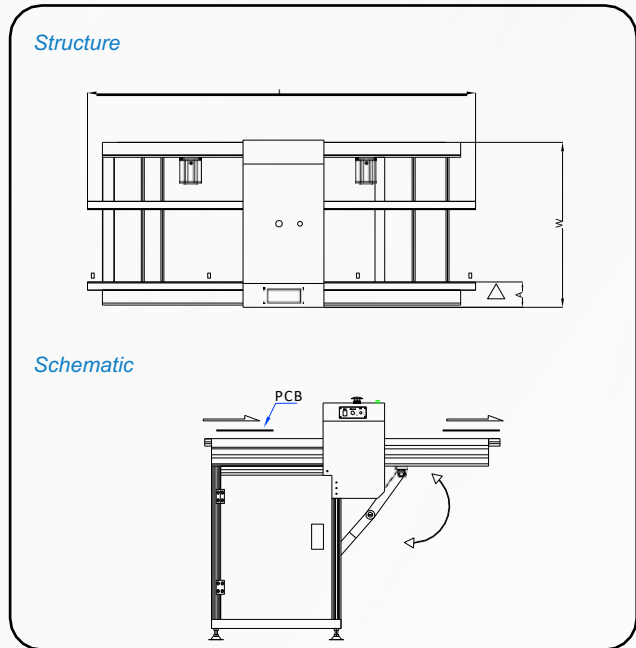
- Panasonic PLC Program control.
- Locking cylinder to avoid opening during PCB transfer.
- Ergonomic air pressure supported opening and closing.
- Automatically gate lifting down by push button.
- Smooth and parallel width adjustment.(lead screw)
- SMEMA compatible.

Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 4mm
- Components clearance: Bottom 30 mm or specify
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 100VA max. or specify
- Machine cycle time: ± 16 seconds
- Passageway: 600mm or specify
- Air supply: 4-6 bar
- Air consumption: 20 ltr /lift max.
- Load bearing: 2kg/PCB

Options

- Electrical width adjustment.
- Passageway length is customized
- Other options available on request.



Model No	AA-LGC350	AA-LGC460
Machine Dimension (L x W x H)	1500 x 550x 1100	1500x 660x 1100
Weight	160kg	190kg
PCB L x W (Min~Max)	(60 x 60)~(460 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	75mm	75mm

Customized is available

Automatic Magazine Loader Series

AA-BL250 AA-BL330 AA-BL390 AA-BL460

Descriptions

The unit loads your production line automatically by pushing PCB's out of the magazine onto the conveyor of the downstream machines. Full magazines are inserted at an ergonomic low level.

Standard features

- Panasonic PLC Program control.
- Selectable pitch settings.
- Towerlight display for machine status.
- Automatic magazine change-over.
- Flexible platform to suit standard magazines.
- Regulated pressure on attached pneumatic pusher.
- Pusher position adjustable to centre of the magazine.
- Automatic magazine alignment by upper and lower pneumatic clamping.
- SMEMA compatible.

Technical specifications

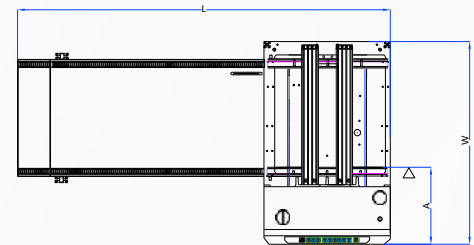
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 350VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- PCB loading time: ±6 seconds
- Magazine change-over time: ±30 seconds
- Pitch distance: 10.20.30.40mm pitch or specify.
- Total number of magazines:
 - * 1 magazine on the lift platform.
 - * 1 empty magazine on the upper magazine conveyor
 - * 2 full magazines on the lower magazine conveyor
 - * or specify

Options

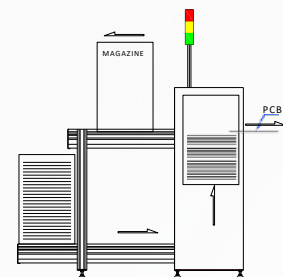
- Width adjustable magazine conveyor(s).
- Additional magazine capacity.
- Enclosed construction improve level of safety
- Other options available on request.



Structure



Schematic



Model No	AA-BL250	AA-BL330	AA-BL390	AA-BL460
Machine Dimension (L x W x H)	1370 x 770 x 1200mm	1560 x 850 x 1200mm	1750 x 920 x 1200mm	1750 x 990 x 1200mm
Weight	122kg	132kg	142kg	152kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(450 x 330)mm	(60 x 60)~(530 x 390)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	345mm	345mm	345mm	345mm

Customized is available



Dual Lane Magazine Loader Series

AA-BL250D AA-BL330D AA-BL390D AA-BL460D

LOADER

Descriptions

The unit loads your dual-track production line automatically by pushing PCB's out of a magazine onto the conveyor of the downstream machine.

Standard features

- Panasonic PLC Program control.
- Selectable pitch settings.
- Towerlight display for machine status.
- Ball screw driven positioning of shuttle conveyor.
- Flexible platform to suit standard magazines.
- Regulated pressure on attached pneumatic pusher.
- Pusher position adjustable to centre of the magazine.
- Automatic magazine alignment by upper and lower pneumatic clamping.
- SMEMA compatible.

Technical specifications

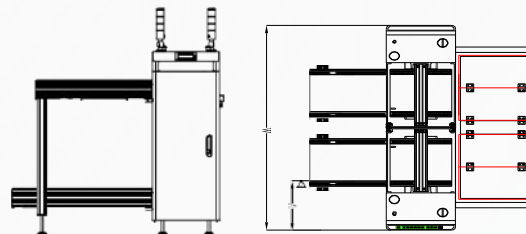
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed: 16m/min
- PCB edge support: 4mm
- Components clearance: Top 30 mm, bottom 30 mm (depends on pitch)
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 350VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- PCB loading time: ±6 seconds
- Magazine change-over time: ±30 seconds
- Pitch distance: 10.20.30.40mm pitch or specify.
- Maximum total magazine weight: 50kg each or specify

Options

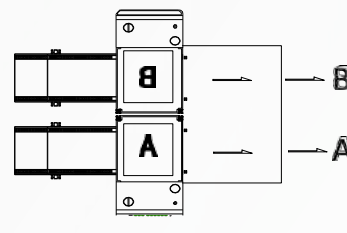
- Width adjustable magazine conveyor(s).
- Additional magazine capacity.
- Enclosed construction improve level of Safety
- Other options available on request.



Structure



Schematic



Model No	AA-BL250D	AA-BL330D	AA-BL390D	AA-BL460D
Machine Dimension (L x W x H)	2110 x 1560 x 1200mm	2310 x 1630 x 1200mm	2550 x 1760 x 1200mm	2550 x 1900 x 1200mm
Weight	242kg	262kg	282kg	302kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(450 x 330)mm	(60 x 60)~(530 x 330)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm - 4.5mm	0.6mm - 4.5mm	0.6mm - 4.5mm	0.6mm - 4.5mm
Fixed rail to front dimension(A)	350mm	350mm	350mm	350mm

Customized is available



Vacuum Bare Board Loader Series

AA-XB350 AA-XB460

Descriptions

The unit is designed for automatic loading of unpopulated PCB onto the line using suction cups. The top PCB is lifted from stack and lowered onto belt segment.

Standard features

- Panasonic PLC Program control.
- Large stock capacity.
- Empty stack sensor.
- Flexible suction cup positioning.
- Convenient front door stack loading.
- Towerlight display for machine status.
- Smooth and parallel width adjustment.(lead screw)
- By-pass mode selectable without removing PCB stack.
- SMEMA compatible.



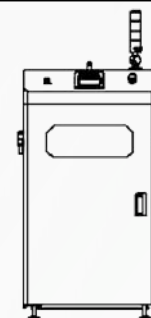
Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD belt (round or flat)
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- Diameter sictopm pads: 15mm or specify
- PCB thickness capability: 0.6-4.5mm
- PCB stock capability: 160pcs specify(1.6mm)

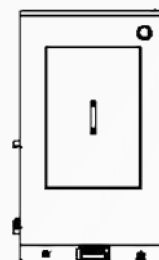
Options

- Automatic width adjustment.
- Alternative suction cup size.
- Cantilevered output conveyor (length 100 mm).
- Other options available on request.

Structure



Schematic



Model No	AA-XB350	AA-XB460
Machine Dimension (L x W x H)	670x 1060x 1300	700x 1290 x 1300
Weight	120kg	160kg
PCB L x W (Min~Max)	(60 x 60)~(500 x 350)mm	(60 x 60)~(600 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	140mm	140mm

Customized is available

Vacuum And Magazine Combo Loader

AA-XS250 AA-XS330 AA-XS390 AA-XS460

Descriptions

The unit loads your production line automatically and It is equipped with two PCB loading modes and especially suitable for single-line mode which processes double-sided pcbs.

Standard features

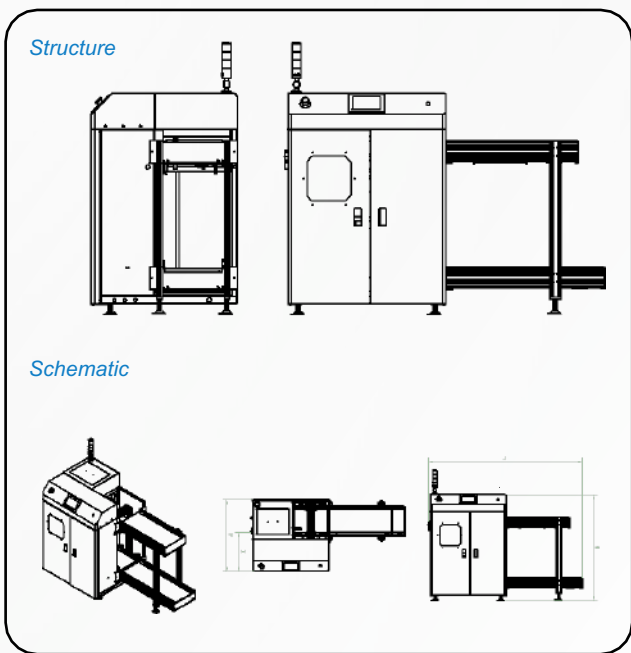
- Panasonic PLC Program control.
- Selectable pitch settings.
- Towerlight display for machine status.
- Binding function of vacuum loader and magazine loader.
- Vacuum loading, Magazine loading and alternated mode selectable.
- SMEMA compatible.

Technical specifications

- Transport height: 910mm ±30mm Left to right
- Transfer direction: Front of the machine
- Operation side: Front of the machine SMEMA
- Fixed rail: 230 VAC/50 Hz/1 Ph
- Interface: 500VA max. or specify
- Power supply: 4-6 bar
- Power consumption: 10 ltr/min max.
- Air supply: ±6 seconds
- Air consumption: ±30 seconds
- PCB loading time: 10.20.30.40mm pitch or specify.
- Magazine change-over time: 15mm or specify
- Pitch distance: 0.6-4.5mm
- Diameter sictpom pads: 120pcs (1.6mm)or specify
- PCB thickness capability: * 1 mgazine on the lifter platform.
- PCB stock capability: * 1 empty magazine on the upper magazine conveyor
- Total number of magazines: * 2 full magazines on the lower magazine conveyor
- * or specify

Options

- Alternative suction cup size.
- Additional magazine capacity.
- Enclosed construction improve level of safety
- Other options available on request.



Model No	AA-XS250	AA-XS330	AA-XS390	AA-XS460
Machine Dimension (L x W x H)	1830 x 840x 1300mm	2000 x 1080 x 1300mm	2220 x 1200 x 1300mm	2220 x 1300 x 1300mm
Weight	235kg	265kg	315kg	335kg
PCB L x W (Min ~ Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(450 x 330)mm	(60 x 60)~(530x 390)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	460mm	560mm	620mm	670mm

Customized is available

Destacker/Push-Up Stacker Series

AA-DB350 AA-DB460 AA-RB350 AA-RB460

Descriptions

A large stack of unpopulated PCB is placed above the ESD belt conveyor. Unique separation cams take one PCB from the bottom of the stack and lowers it onto the ESD belt conveyor.

Standard features

- Panasonic PLC Program control.
- Short PCB cycle time.
- Thin PCB capability.
- Uninterrupted PCB charging.
- Pre-warning low stack sensor.
- Towerlight display for machine status.
- Smooth and parallel width adjustment.(lead screw)
- By-pass mode selectable without removing PCB stack.
- SMEMA compatible.

Technical specifications

- Transport height: 910mm±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- PCB cycle time: ±10 seconds
- PCB thickness capability: 0.8-4.0mm
- PCB stock capability: 200pcs(0.8mm) or specify

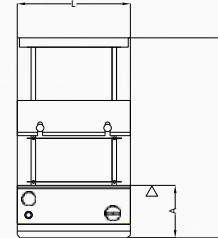
Options

- Automatic width adjustment.(set in touch screen)
- Extension for convenient stack loading.
- Cantilevered input - or output conveyor .(length 100 mm)
- Specific destacker for bare board unloading.
- Other options available on request.

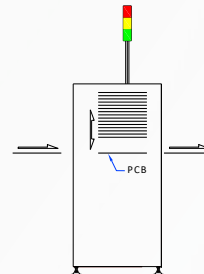


Optional Auto width adjustment

Structure



Schematic



Model No	AA-DB350	AA-DB460	AA-RB350	AA-RB460
Machine Dimension (L x W x H)	550 x 820x 1200mm	700 x 950 x 1200mm	550 x 820x 1200mm	700 x 950 x 1200mm
Weight	120kg	140kg	120kg	140kg
PCB L x W (Min ~ Max)	(60 x 60)~(450 x 350)mm	(60 x 60)~(550 x 460)mm	(60 x 60)~(450 x 350)mm	(60 x 60)~(550 x 460)mm
PCB Thickness	0.8mm - 4.0mm	0.8mm - 4.0mm	0.8mm - 4.0mm	0.8mm - 4.0mm
Fixed rail to front dimension(A)	255mm	255mm	255mm	255mm

Customized is available



LED Vacuum Bare Board Loader

AA-XB600 AA-XB1200

LOADER

Descriptions

The unit is designed for automatic loading of unpopulated LED board's onto the line using suction cups. The top PCB is lifted from stack and lowered onto belt segment. Also it can be used as a bare board unloader.

Standard features

- Panasonic PLC Program control.
- Large stock capacity.
- Empty stack sensor.
- Flexible suction cup positioning.
- Convenient front door stack loading.
- Towerlight display for machine status.
- Automatic width adjustment.
- Auto-correct feature to ensure board lowering onto belt smoothly.
- By-pass mode selectable without removing PCB stack.
- SMEMA compatible.

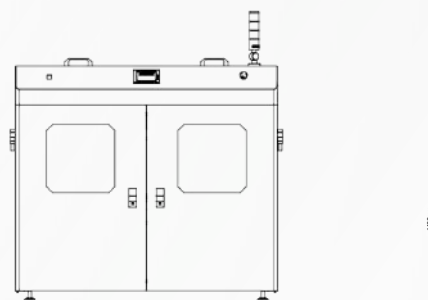


Technical specifications

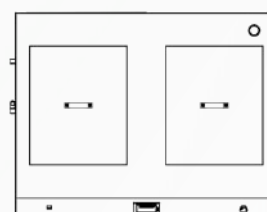
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD belt (flat belt)
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 180VA max
- Air supply: 4-6 bar
- Air consumption: 30 ltr/min max.
- Diameter sictopm pads: 15mm or specify
- PCB thickness capability: 0.6-4.5mm
- PCB stock capability: 160pcs specify(1.6mm)



Structure



Schematic



Customized function

- Safety relay to meet CE requirements.
- Conveying speed & timeout can set on touchscreen.
- Data exchange and communication with other our machines.

Model No	AA-XB600	AA-XB1200
Machine Dimension (L x W x H)	800x 1050x 1250	1400x 1050x 1250
Weight	180kg	260kg
PCB L x W (Min~Max)	(60 x 60)~(600 x 350)mm	(60 x 60)~(1200 x 350)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm
Fixed rail to front dimension(A)	550mm	550mm

Customized is available

Automatic Magazine Unloader Series

AA-UL250 AA-UL330 AA-UL390 AA-UL460

Descriptions

The unit provides automatic magazine change-over for continuous line unloading. PCB are collected from an upstream pusher conveyor and pushed into the magazine. Full magazines are off loaded at an ergonomic low level.

Standard features

- Panasonic PLC Program control.
- Selectable pitch settings.
- Towerlight display for machine status.
- Automatic magazine change-over
- Flexible platform to suit standard magazines.
- Conveyor width adjustment using hand crank.
- Regulated pressure on attached pneumatic pusher.
- Pusher position adjustable to centre of the magazine.
- SMEMA compatible.

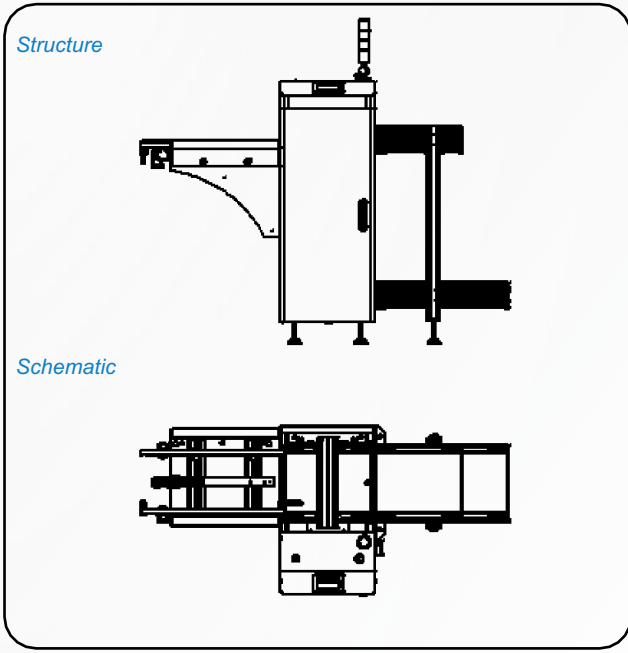


Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD belt (round or flat)
- Belt speed: 16m /min
- PCB edge support: 4mm
- Components clearance: Top 30 mm, bottom 30 mm (depends on pitch)
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 300VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- PCB unloading time: ±6 seconds
- Pitch distance: 10.20.30.40mm pitch or specify.
- Magazine change-over time: ± 30 seconds
- Total number of magazines:
 - * 1 magazine on the lifter platform.
 - * 1 empty magazine on the upper magazine conveyor
 - * 1 full magazine on the lower magazine conveyor * or specify

Options

- Additional magazine capacity.
- Enclosed construction improve level of safety.
- Width adjustable magazine conveyor(s).
- Other options available on request.



Model No	AA-UL250	AA-UL330	AA-UL390	AA-UL460
Machine Dimension (L x W x H)	1680 x 770 x 1200mm	1950 x 830 x 1200mm	2160 x 920 x 1200mm	2160 x 990 x 1200mm
Weight	126kg	146kg	166kg	186kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(455 x 330)mm	(60 x 60)~(530 x 390)mm	(60 x 60)~(530x 4600)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm
Magazine Dimensions (max.)	335 x 320 x 563	460 x 400 x 563	535 x 460 x 570	535 x 530 x 570
Fixed rail to front dimension(A)	380mm	380mm	390mm	390mm

Customized is available

Dual Lane Magazine Unloader Series

AA-UL250D AA-UL330D AA-UL390D AA-UL460D

Descriptions

The PCB are collected from upstream machine onto a shuttle conveyor and pushed into designated magazine. Shuttle conveyor moves sideways between upstream machine and magazines.

Standard features

- Panasonic PLC Program control.
 - Selectable pitch settings.
 - Towerlight display for machine status.
 - Automatic magazine change-over
 - Flexible platform to suit standard magazines.
 - Conveyor width adjustment using hand crank.
 - Regulated pressure on attached pneumatic pusher.
 - Pusher position adjustable to centre of the magazine.
- SMEMA compatible.



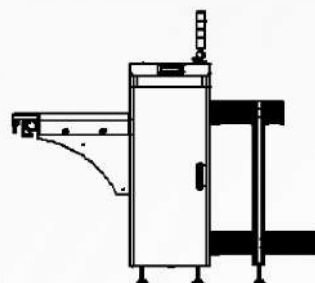
Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD belt (round or flat)
- Belt speed: 16m /min
- PCB edge support: 4mm
- Components clearance: Top 30 mm, bottom 30 mm (depends on pitch)
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 300VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 10 ltr/min max.
- PCB unloading time: ±6 seconds
- Pitch distance: 10.20.30.40mm pitch or specify.
- Magazine change-over time: ± 30 seconds
- Total number of magazines: * 1 magazine on the lifter platform.
* 1 empty magazine on the upper magazine conveyor
* 1 full magazine on the lower magazine conveyor * or specify

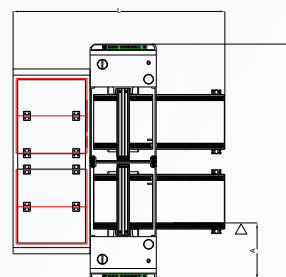
Options

- Additional magazine capacity.
- Enclosed construction improve level of safety.
- Width adjustable magazine conveyor(s).
- Other options available on request.

Structure



Schematic



Model No	AA-UL250D	AA-UL330D	AA-UL390D	AA-UL460D
Machine Dimension (L x W x H)	1690 x 1450 x 1200mm	1930 x 1610 x 1200mm	2170 x 1730 x 1200mm	2170 x 1870 x 1200mm
Weight	126kg	146kg	166kg	186kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(455 x 330)mm	(60 x 60)~(530 x 390)mm	(60 x 60)~(530x 4600)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm
Magazine Dimensions (max.)	335 x 320 x 563	460 x 400 x 563	535 x 460 x 570	535 x 530 x 570
Fixed rail to front dimension(A)	380mm	380mm	390mm	390mm

Customized is available

NG/OK Automatic Magazine Unloader Series

AA-NUL250 AA-NUL330

AA-NUL390 AA-NUL460



Descriptions

The PCB are collected from upstream machine onto a shuttle conveyor and pushed into designated magazine. Shuttle conveyor moves sideways between upstream machine and magazines.

Standard features

- Panasonic PLC Program control.
- Selectable pitch settings
- Good or bad board separation.
- Unique guide rail driven positioning of shuttle conveyor.
- Towerlight display for machine status.
- Additional magazines buffering capacity available upon request.
- Conveyor width adjustment using hand wheel.
- Automatic magazine alignment by upper- and lower pneumatic lamping.
- Regulated pressure on attached pneumatic pusher.
- User friendly "soft touch" LED membrane control panel.
- Pusher position adjustable to centre of the magazine.
- SMEMA compatible.

Technical specifications

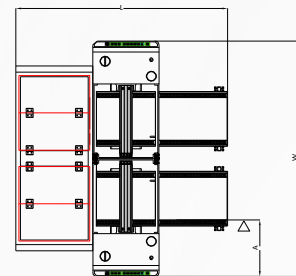
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed: 16m/min
- PCB edge support: 4mm
- Components clearance: Top 30 mm, bottom 30 mm (depends on pitch)
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 300VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 30 ltr/min max.
- PCB unloading time: ± 10 seconds
- Magazine change-over time: ± 30 seconds
- Pitch distance: 10.20.30.40mm pitch or specify.
- Max. total magazine weight: 50 kg each or specify

Options

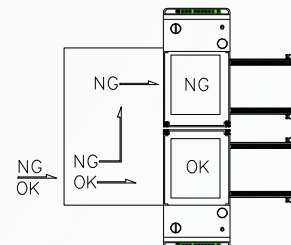
- Automatic width adjustment for shuttle conveyor.
- Additional magazine capacity.
- Enclosed construction improve level of safety.
- Other options available on request



Structure



Schematic



Model No	AA-NUL250	AA-NUL330	AA-NUL390	AA-NUL460
Machine Dimension (L x W x H)	1690 x 1450 x 1200mm	1930 x 1610 x 1200mm	2170 x 1730 x 1200mm	2170 x 1870 x 1200mm
Weight	271kg	281kg	301kg	311kg
PCB L x W (Min~Max)	(60 x 60)~(350 x 250)mm	(60 x 60)~(455 x 330)mm	(60 x 60)~(530 x 390)mm	(60 x 60)~(530x 460)mm
PCB Thickness	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm	0.6mm – 4.5mm
Magazine Dimensions (max.)	335 x 320 x 563	460 x 400 x 563	535 x 460 x 570	535 x 530 x 570
Fixed rail to front dimension(A)	380mm	380mm	380mm	380mm

Customized is available



BUFFER

Multi Function LIFO Vertical Buffer Series

AA-CB350 AA-CB460 AA-CB250D

Descriptions

The Multi function buffer is designed to buffer PCBs in LIFO and pass-through mode. The PCB are transferred by ESD belt onto the pick-up location. Metal support bars lift the PCB carefully from the conveyor segment and stores them until downstream request.

Standard features

- Panasonic PLC Program control.
- Buffer in LIFO and by-pass mode.
- Selectable pitch settings
- Enclosed construction improve level of safety
- The status of each slot can be changed independently.
- Conveyor width adjustment using hand wheel.
- Threshold signal to protect PCB's in upstream oven.
- User friendly "soft touch" LED membane control panel.
- Towerlight display for machine status.
- SMEMA compatible.

Technical specifications

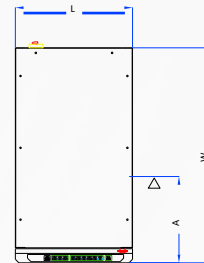
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 3mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 250VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 15 ltr/min max
- Cycle time: ± 15 seconds
- Pitch distance: 20mm or specify
- Buffer capacity: 25 PCBs or specify

Options

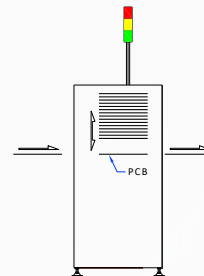
- Automatic width adjustment (set in touchscreen).
- Touchscreen instead of button panel.
- Additional PCB boards capacity.
- Cantilevered input- or output conveyor (length 500 mm).
- Other options available on request.



Structure



Schematic



Model No	AA-CB350	AA-CB460	AA-CB250 _D (Dual Lane)
Machine Dimension (L x W x H)	500-x 1050 x 1650	1000 x 1150 x 1650	500 x 1560 x 1650
Weight	170kg	200kg	260kg
PCB L x W (Min~Max)	(60 x 60) ~ 460 x 350)mm	(60 x 60)~ 530x 460)mm	(60 x 60) ~ 350 x 250)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	420mm	420mm	440mm

Customized is available



BUFFER

NG/OK Buffer Series

AA-BF350 AA-BF460 AA-BF250D

Descriptions

The Multi function buffer is designed to buffer PCB in FIFO LIFO and pass-through mode. The PCB are transferred by ESD belt onto the pick-up location. Metal support bars lift the PCB carefully from the conveyor segment and stores them until downstream request.

Standard features

- Panasonic PLC Program control.
- Reject mode for buffering bad board.
- Selectable FIFO, LIFO and by-pass mode.
- Selectable pitch settings
- Enclosed construction improve level of safety
- The status of each slot can be changed independently.
- Conveyor width adjustment using hand wheel.
- Threshold signal to protect PCB's in upstream oven
- Towerlight display for machine status.
- SMEMA compatible.

Technical specifications

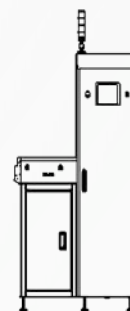
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 3mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 250 VA max
- Air supply: 4-6 bar
- Air consumption: 15 ltr/min max
- Cycle time: ±15 seconds
- Pitch distance: 20mm or specify
- Buffer capacity: 25 PCBs or specify

Options

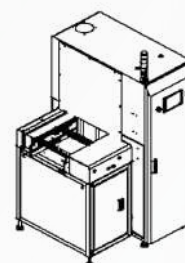
- Additional PCB boards capacity.
- Automatic conveyor width adjustment.
- Cantilevered input- or output conveyor (length 500 mm).
- Other options available on request.



Structure



Schematic



Model No	AA-BF350	AA-BF460	AA-BF250D (Dual Lane)
Machine Dimension (L x W x H)	1000 x 1050 x 1750	1000 x 1150 x 1750	1000 x 1560 x 1750
Weight	170kg	200kg	260kg
PCB L x W (Min~Max)	(60 x 60) ~ 460 x 350)mm	(60 x 60)~ 530x 460)mm	(60 x 60) ~ 350 x 250)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	420mm	420mm	440mm

Customized is available



BUFFER

Dual Lane NG/OK Vertical Buffer Series

AA-NG250D AA-NG330D

Descriptions

The NG OK vertical buffer is designed to buffer NG and OK board after inspection machine (AOI / SPI) and pass a OK board to next process. NG board will go to the upper conveyor for visual check.

Standard features

- Panasonic PLC Program control.
- Selectable FIFO, LIFO and by-pass mode.
- Selectable pitch settings
- Conveyor width adjustment using hand wheel.
- Threshold signal to protect PCB's in upstream oven.
- NG/OK table provides easy access to the NG PCBs
- Towerlight display for machine status.
- Good or bad board separation.
- SMEMA compatible.

Technical specifications

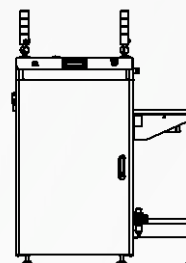
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 3mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 250VA max. or specify
- Air supply: ± 15 seconds
- Air consumption: 4-6 bar
- Cycle time: 15 ltr/min max.
- Pitch distance: 20mm or specify
- Buffer capacity: 15 PCBs or specify

Options

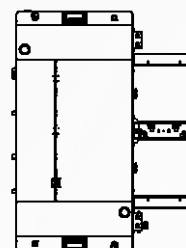
- Additional PCB boards capacity.
- Automatic conveyor width adjustment.
- Cantilevered output conveyor. (length 500 mm)
- Other options available on request.



Structure



Schematic



Model No	AA-NG250D (Dual Lane)	AA-NG330D (Dual Lane)
Machine Dimension (L x W x H)	1060-x 1400 x 1200	1740 x 1500 x 1200
Weight	170kg	260kg
PCB L x W (Min~Max)	(60 x 60) ~ 350 x 250)mm	(60 x 60) ~ 350 x 250)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	330mm	330mm



FLIP

Automatic Inverter Machine

AA-FB350 AA-FB460

Descriptions

This unit is used to invert / flip PCB's (180°) for 'double-sided' process.

Standard features

- Panasonic PLC Program control.
- By-pass mode selectable.
- Pneumatic stopper to keep PCB in position during inverting.
- Smooth and parallel width adjustment.(lead screw)
- Automatic width adjustment. (set in touchscreen)
- SMEMA compatible.

Technical specifications

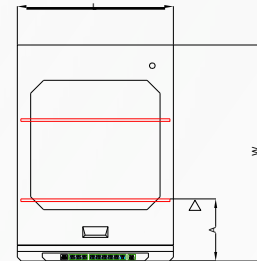
- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD belt (round or flat)
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 1.5 ltr/min max.
- Cycle time: ± 8 seconds

Options

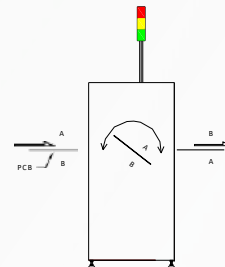
- Cantilevered input- or output conveyor (length 500 mm)
- Other options available on request



Structure



Schematic



Model No	AA-FB350	AA-FB460
Machine Dimension (L x W x H)	500x 810 x 1300	650x 920 x 1300
Weight	131kg	141kg
PCB L x W (Min~Max)	(60 x 60) ~ (450 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	205mm	205mm

Customized is available



Traverser/Shuttle Conveyor Series

AA-PY350-(W) AA-PY460-(W) AA-PY350D-(W)

SHUTTLE

Descriptions

The shuttle conveyor is used for transporting boards from one line into two lines or vice versa. The orientation of the board is not changed during traversing.

Standard features

- Panasonic PLC Program control.
- By-pass mode selectable.
- Customized traversing distance.
- Towerlight display for machine status.
- Frequency controlled traversing speed.
- Enclosed design ensures highest level of safety.
- Automatic conveyor width adjustment .
- SMEMA compatible.

Technical specifications

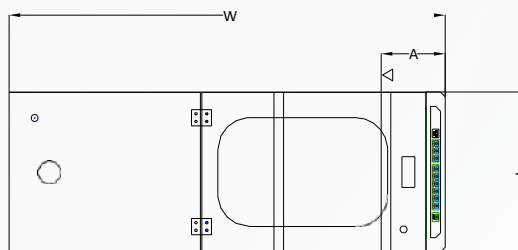
- Transport height: 910±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD flat belt
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 250VA max. or specify
- Cycle time: Depends on traversing distance
- Number of Cart Single cart transportation

Options

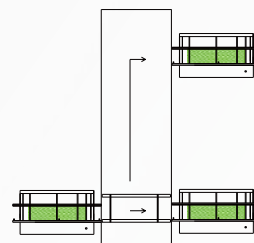
- Customized traversing distance.
- Good - or bad board separation.
- Servo drive upgrade for shortened
- Cycle time. Cantilevered input- or output conveyor .(length 500 mm)
- Other options available on request.



Structure



Schematic



Standard Width(W): 1450 , 3500 , 4500

Model No	AA-PY350-(W)	AA-PY460-(W)	AA-PY350D-(W) (2carts)
Machine Dimension (L x W x H)	500x (W) x 1100	600x (W) x 1100	500x (W) x 1100
Weight	120~160kg	130~170kg	160kg ~ 220kg
PCB L x W (Min~Max)	(60 x 60) ~ (460 x 350)mm	(60 x 60)~(530 x 460)mm	(60 x 60) ~ 460 x 350)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	181mm	181mm	181mm

Customized is available

90Degrees Turn Conveyor Series

AA-TC350 AA-TC460

Descriptions

The turn conveyor is designed to change the flow direction of a PCB assembly line. The PCB is transferred onto the built-in ESD belt conveyor, which turns either clockwise or counter-clockwise.

Standard features

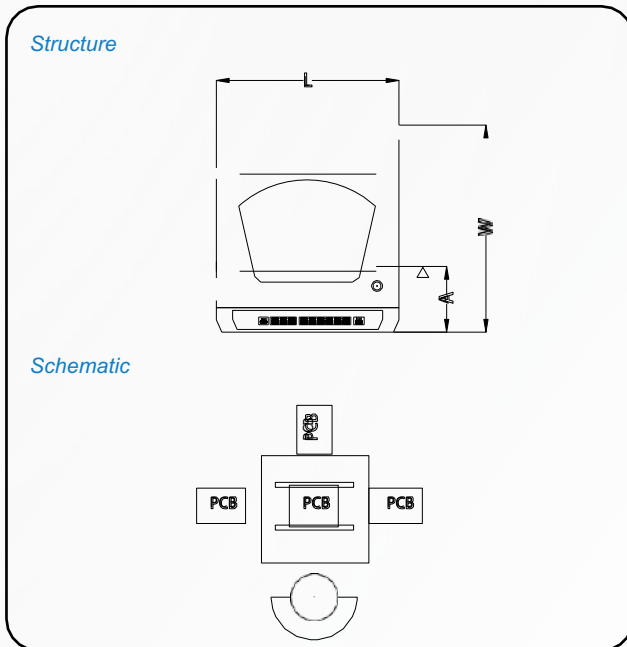
- Panasonic PLC Program control.
- By-pass mode selectable.
- PCB direction flows can be customized.
- Towerlight display for machine status.
- Enclosed design with built-in torque limiter ensures highest level of safety
- Automatic conveyor width adjustment
- SMEMA compatible.

Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyor concept: ESD belt (round or flat)
- Belt speed 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max. or specify
- Cycle time: ± 15 seconds

Options

- Output conveyor (length 500 mm)
- Other options available on request.



Model No	AA-TC350	AA-TC460
Machine Dimension (L x W x H)	540x 590 x 1200	640x 690 x 1200
Weight	135kg	145kg
PCB L x W (Min~Max)	(60 x 60) ~ (460 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	185mm	185mm

Customized is available

Wave Solder Input Incline Conveyor

AA-SP350W AA-SP460W

Descriptions

This conveyor is used to feed PCBs or pallets into wave soldering machine.

Standard features

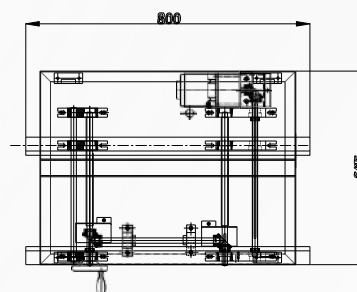
- 800mm Aluminum conveying guiderail
- Pin chain (3 mm or 5 mm pins)
- Conveying motor with speed controller
- Smooth and parallel width adjustment.(lead screw)

Technical specifications

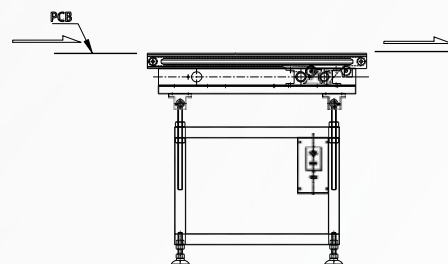
- Transport height: 800mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: Pin chain
- Belt speed: 0-2m/min adjustable
- PCB edge support: 5mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max. or specify



Structure



Schematic



Model No	AA-SP250W	AA-SP400W
Machine Dimension (L x W x H)	1200x 300 x 1300	1200x 500 x 1300
Weight	135kg	145kg
PCB L x W (Min~Max)	(60 x 60) ~ (350 x 250)mm	(60 x 60)~(400 x 500)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Conveying height	800 ± 50mm	800 ± 50mm

Customized is available

Wave Solder Output Decline Conveyor

AA-XP350W AA-XP460W

Descriptions

This conveyor is used to unload PCB or pallets from a wave soldering machine with adjustable angle. Decline section presents PCB/pallet at standard height to downstream machine.

Standard features

- Aluminum conveying guide rail.
- 400mm belt
- Adjustable speed.
- Adjustable angle.
- Equipped with 2 groups of cooling fan.

Technical specifications

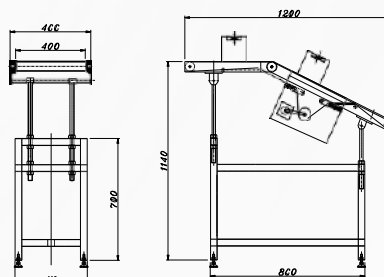
- Transport height: 1140±50mm
- Transfer direction: Left to right
- Fixed rail: Front of the machine
- Interface: None
- Conveyer concept: ESD belt
- Belt speed: 0-2m/min adjustable
- Power supply: 220 VAC/50 Hz/1 Ph
- Power consumption: 200VA max

Options

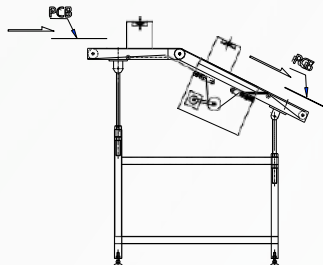
- Mesh Belt instead of ESD Belt.



Structure



Schematic



Model No	AA-XP400W
Machine Dimension (L x W x H)	1300x 600 x 1500
Weight	90kg
PCB L x W (Min~Max)	(60 x 60)~(400 x 500)mm
Conveying height	1140±50mm

Customized is available

Insertion Conveyor

AA-IS1000 AA-IS3000



Descriptions

This unit is used to transport PCB and pallet for electrical production assembly line.

Standard features

- Aluminum conveying guide rail
- Conveyor width adjustment using hand crank
- Conveying motor driven by inverter
- Equipped with LED light
- Equipped with 2 component trays
- Equipped with process card bracket
- 35B pin chain(5mm)

Technical specifications

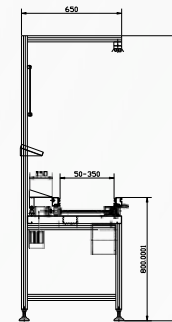
- Transport height: 800±20mm or Specify
- Transfer direction: Left to right
- Operation side: Front of the machine
- Conveyer concept: Pin chain
- Belt speed: 0-5m/min adjustable
- Power supply: 220 VAC/50 Hz/1 Ph
- Power consumption: 150VA max. or specify

Options

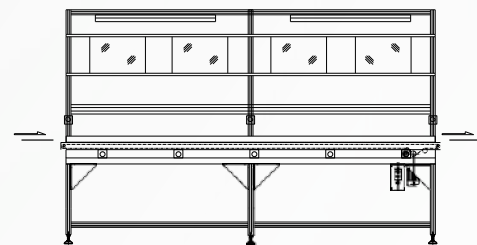
- Manual stop switch button.
- ESD ground socket.



Structure



Schematic



Model No	AA-IS1000	AA-IS3000
Machine Dimension (L x W x H)	1050x 750 x 1950	3050x 750 x 1950
Weight	110kg	150kg
PCB Width	Max 350mm	Max 350mm

Customized is available

ESD Belt Conveyor

AA-EBC3000



Descriptions

This unit is used to transport PCB and pallet for electrical production assembly line.

Standard features

- Aluminum conveying guide rail
- 400mm width ESD belt
- Conveying motor driven by inverter
- Equipped with LED light
- Equipped with multifunction socket
- Equipped with process card bracket
- Equipped with tool storage plate

Technical specifications

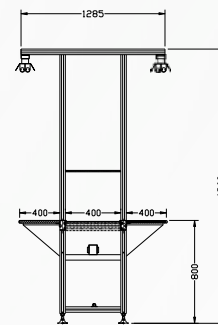
- Transport height: 800mm ±20mm or Specify
- Transfer direction: Left to right
- Operation side: 2 sides of the machine
- Conveyor concept: ESD belt
- Belt speed: 0-5m/min adjustable
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 400VA max or specify

Options

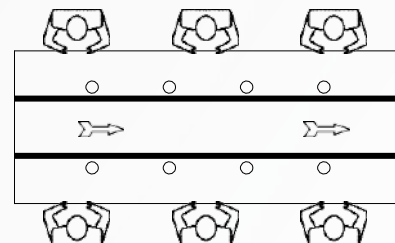
- Manual stop switch button.
- ESD ground socket.



Structure



Schematic



Model No	AA-EBC3000
Machine Dimension (L x W x H)	3000x1285x 1860
Weight	85kg
PCB Width	Max 400mm

Customized is available

Single Side PCB Cleaner Series

AA-QJ350 AA-QJ460

Descriptions

This unit can remove glass fiber, dust particles, etc. on top surface of PCB before solder paste printing, and improve production yield. Especially suitable for PCB which is mounted extremely small components

Standard features

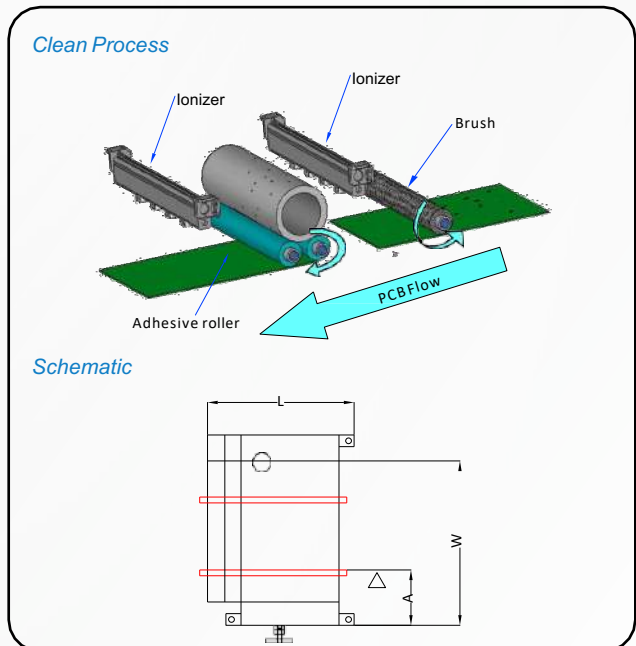
- Panasonic PLC Program control.
- On-line automatic clean.
- All types of dust can be removed.
- Adhesive clean roll removes all dust from rolls.
- Ionizer removes electric static on the PWB
- Draw-out design for Easy changing of adhesive rolls.
- Preset number of PCB & pre-warming counter to purge adhesive rolls.
- Automatic conveyor width adjustment.
- SMEMA compatible.

Technical specifications

- Transport height: 910mm ±30mm
- Transfer direction: Left to right
- Operation side: Front of the machine
- Fixed rail: Front of the machine
- Interface: SMEMA
- Conveyer concept: ESD flat belt
- Belt speed: 0.5-20m/min adjustable
- PCB edge support: 4mm
- Power supply: 230 VAC/50 Hz/1 Ph
- Power consumption: 150VA max. or specify
- Air supply: 4-6 bar
- Air consumption: 30 ltr/min max.
- Cycle time: ±8 seconds

Options

- Double side PCB processing.
- Other options available on request.



Model No	AA-QJ350	AA-QJ460
Machine Dimension (L x W x H)	530x 830 x 1350	550x 930 x 1350
Weight	135kg	145kg
PCB L x W (Min~Max)	(60 x 60) ~ (450 x 350)mm	(60 x 60)~(530 x 460)mm
PCB Thickness	0.6mm ~ 4.5mm	0.6mm ~ 4.5mm
Fixed rail to front dimension(A)	230mm	230mm

Customized is available