

Description

This unit is used as a visual inspection station for operators between SMT machines or board hand unit to link the machines.

Features

Stability enhanced by heavy design
Smooth and parallel width adjustment (stainless steel screws)
Different lengths available upon request
Multi- segment concept available upon request
Automatic/Manual modes & SMEMA compatible

Technical specifications

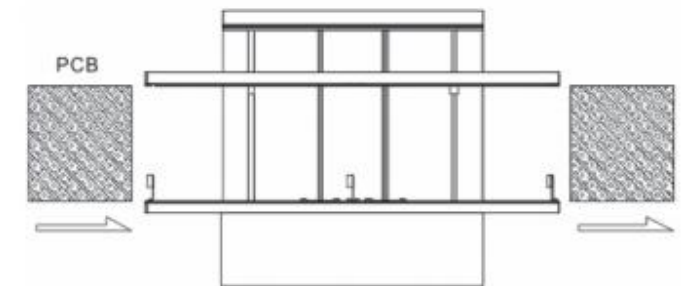
Transport Height: 900±20MM or specify
Transport Direction: L to R Or specify R to L
Speed:0.5-20m/min adjustable
Belt type:ESD belt (round belt)
Power supply: AC 110 Volts Or 220 Volts; Single Phase
Power Consumption: 100VA max.
Load bearing:1.5kg/PCB



Options

Anti-dust Covers
Touch screen
High-Clearance on request
Cooling fans on top/bottom for after-reflow
Light system for better inspection
Support for Monitor
Shelf with ESD component boxes
Motorized/Automatic width adjustment
Choice of different belt width and chain transport system
Mechanical stopper
Foot pedal pass control
Narrow footprint
With bottom cabinet

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
S-350C	500*676*900	50*50-445*350	50KG/55KG	No light
S-460C	500*786*900	50*50-460*460	65KG/70KG	No light
S-350D	1000*676*900	50*50-445*350	75KG/80KG	No light
S-460D	1000*786*900	50*50-460*460	90KG/95KG	No light

Description

This unit is used to link between production machine or board handing units.

Features

- Increase the use of special thick aluminum
- Accurate and durable stainless steel laser cutting edge oriented
- Smooth parallel to the width of the screw adjustment
- Strengthening the structural design to improve the stability of the equipment
- SMEMA compatible

Options

- Cooling fans on top/bottom for after-reflow
- Light system for better inspection
- Shelf with ESD component boxes
- Motorized/Automatic width adjustment
- Choice of different belt width and chain transport system
- Mechanical stopper
- Narrow footprint
- Anti-dust Covers
- Touch screen



Technical specifications

Transport height: 900mm \pm 20mm or specify
 Transfer direction: L to R or specify R to L
 Belt type: ESD belt (round belt)
 Speed: 0.5-20m/min adjustable
 Power supply: AC 110 Volts Or 220 Volts; Single Phase
 Power consumption: 100VA max. or specify
 Load bearing: 1.5kg/PCB

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SH-407	500*676*900	50*50-445*407	45KG	no Lighting
SH-407D	1000*676*900	50*50-445*407	75KG	no Lighting

Description

This unit is used to link between SMD machines or board handling units in dual rail PCB assembly lines.

Features

- Modular design, Stability enhanced by 'robust design'
- Smooth and parallel width adjustment
- Two independently controlled belt segment
- Multi-zone concept available upon request
- Different lengths available upon request
- SMEMA compatible

Options

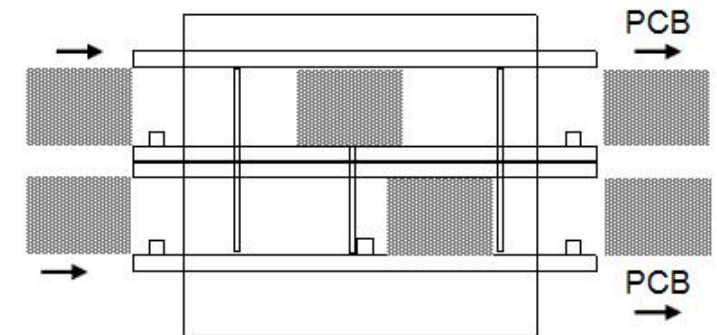
- Cooling fans on top/bottom for after-reflow
- Light system for better inspection / Inspection Mode
- Motorized/Automatic width adjustment
- Choice of different belt width and chain transport system
- Foot pedal pass control
- With bottom cabinet



Technical specifications

- Transport Height: 900±20MM or specify
- Transport Direction: L to R Or specify R to L
- Speed: 0.5-20m/min adjustable
- Belt type: ESD belt (round belt)
- Power supply: AC 110 Volts Or 220 Volts; Single Phase
- Power Consumption: 100VA max.
- Load bearing: 1.5kg/PCB

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SD-350C	500*1046*900	50*50-330*250	80KG	no Lighting
SD-350C-L	520*1046*900	50*50-330*250	90KG	with Lighting
SD-350D	1000*1046*900	50*50-330*250	95KG	no Lighting

Description

This unit is used to redirect flow of PCBs into different channels in a production line.

Features

- Touchscreen panel for controlling and setting.
- PCB traffic flows can be customised.
- Minimize transmission clearance between conveyor.
- Surrounded with covers, and top cover can be opened for maintenance.
- Swift, smooth and precise operations (frequency inverter controller).
- SMEMA compatible

Options

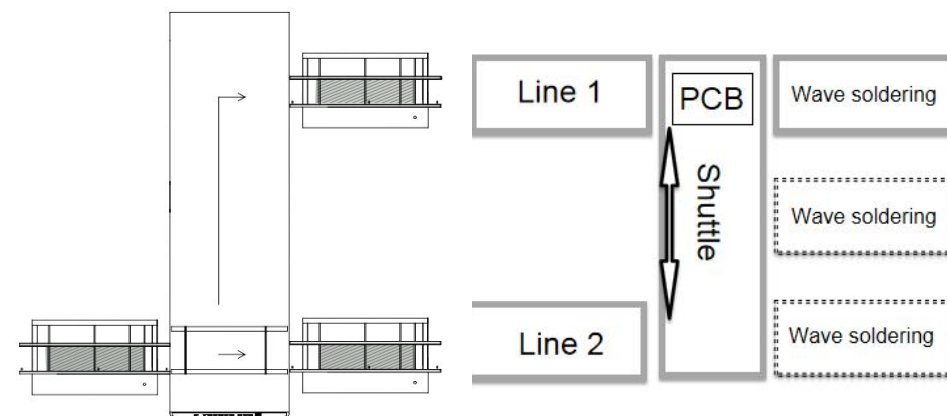
- Optional two modes: 1 in 2 out, 2 in 1 out
- 2 transferring carts operation.
- Customized traversing distance.
- Good - or bad board separation.
- Automatic conveyor width adjustment.
- Other options available on request.



Technical specifications

- Transport Height: 900±20MM or specify
- Transport Direction: L to R Or specify R to L
- Cycle time: depends on traversing distance
- Belt type:ESD belt (round belt)
- Power supply: AC 110 Volts Or 220 Volts; Single Phase
- Power Consumption: 250VA max.
- Number of Cart:Single cart transportation

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SPD330	500*W*1050	50*50-330*250	140KG	Machine width depends on traversing distance
SPD460	600*W*1050	50*50-460*330	200KG	

Description

This unit is used for faulty boards which can be lifted up for visual inspection without interrupting the PCBs flow.

Features

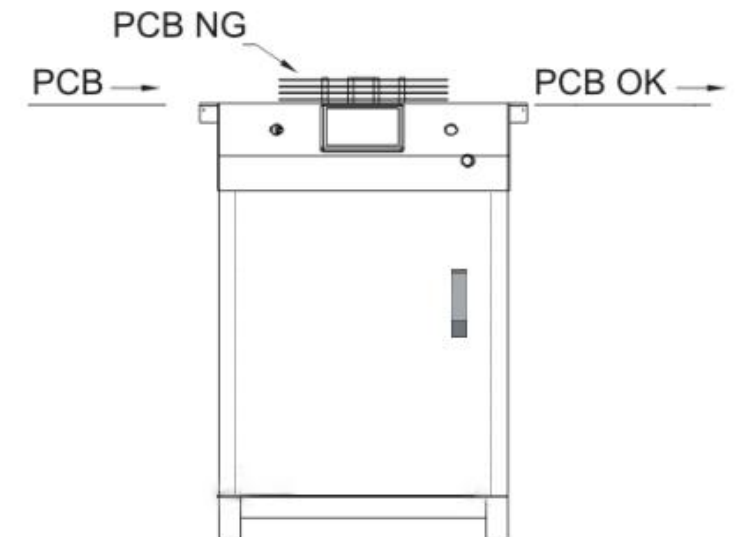
- Modular design, touchscreen control.
- Includes 3 modes: 'reject', 'inspect' and 'pass through' .
- Stability enhanced by 'robust design'
- Ergonomically designed arm rest
- Smooth and parallel width adjustment
- Different lengths available upon request
- Variable speed control
- SMEMA compatible



Technical specifications

- Transport height:900mm ±20mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD belt (round belt)
- Speed:0.5-20m/min adjustable
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:100VA max. or specify
- Buffering capacity: 5 PCB or specify.

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SRC-350C	500*665*900	50*50-445*350	50KG	no Lighting
SRC-460C	500*795*900	50*50-460*460	70KG	no Lighting
SRC-350D	1000*665*900	50*50-445*350	80KG	no Lighting
SRC-460D	1000*795*900	50*50-460*460	105KG	no Lighting

Description

This unit is used for faulty boards which can be lifted up for visual inspection without interrupting the PCBs flow.

Features

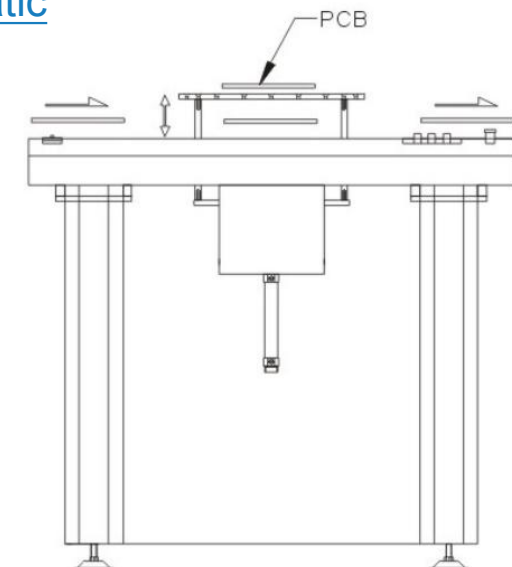
- Includes 3 modes: 'reject', 'inspect' and 'pass through' .
- Stability enhanced by 'robust design'
- Ergonomically designed arm rest
- Smooth and parallel width adjustment
- Different lengths available upon request
- Variable speed control
- SMEMA compatible



Technical specifications

- Transport height:900mm ±20mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD belt (round belt)
- Speed:0.5-20m/min adjustable
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:100VA max. or specify
- Buffering capacity: 5 PCB or specify.

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SHR-350C	500*665*900	50*50-445*350	50KG	no Lighting
SHR-460C	500*795*900	50*50-460*460	70KG	no Lighting
SHR-350D	1000*665*900	50*50-445*350	80KG	no Lighting
SHR-460D	1000*795*900	50*50-460*460	90KG	no Lighting

Description

This unit is used for storage the NG board and flow to the up lever for inspection after the tester(AOI/SPI)

Features

- User friendly 'soft touch' LED membrane control panel
- Multiple operating modes:
First In First Out (FIFO), Last In First Out (LIFO) and pass through
- Fast, smooth and precise indexing (frequency inverter controller)
- Parallel and smooth width adjustment (leadscrew)
- Enclosed design ensures highest level of safety
- Small machine footprint
- SMEMA compatible

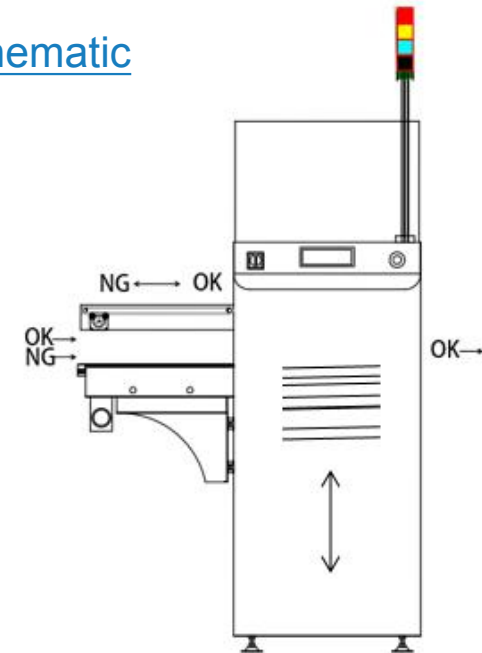


Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SBN250	1000*910*1600	50*50-330*250	160KG	0.6~4 mm
SBN330	1200*990*1600	50*50-460*330	300KG	0.6~4 mm

Technical specifications

- Transport height:900mm \pm 20mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD belt (round belt)
- Cycle time: 10 seconds approx.
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:250VA max. or specify
- Buffering capacity: 12 PCB or specify.

Schematic



Description

This unit is used for storage the NG board and flow to the up lever for inspection after the tester(AOI/SPI)

Features

- User friendly 'soft touch' LED membrane control panel.
- Multiple operating modes:
First In First Out (FIFO), Last In First Out (LIFO) and pass through.
- Fast, smooth and precise indexing (frequency inverter controller).
- Parallel and smooth width adjustment (leadscrew).
- Enclosed design ensures highest level of safety.
- Small machine footprint.
- SMEMA compatible

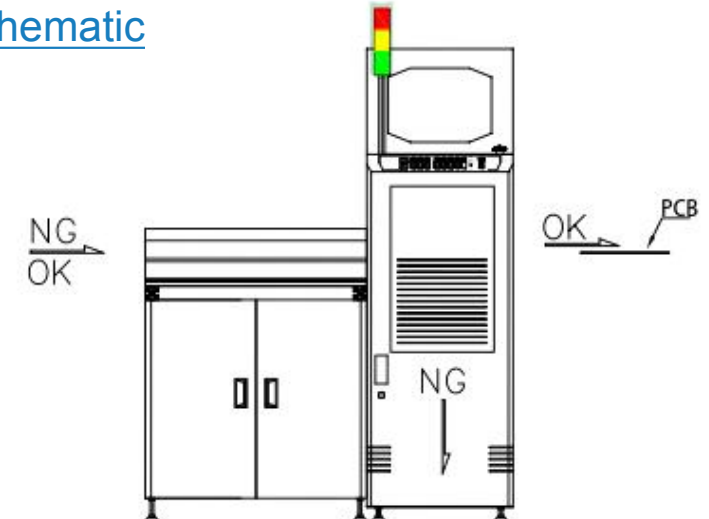


Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
SBM250	1150*1150*1205	50*50-330*250	160KG	355*320*563
SBM330	1350*1350*1205	50*50-445*330	220KG	460*400*563
SBM390	1550*1550*1205	50*50-530*390	280KG	535*460*563
SBM460	1750x1750x1205	50x50-530x460	340KG	535*530*563

Technical specifications

- Transport height:900mm ±20mm or specify
- Transfer direction:L to R or specify R to L
- Power Source: AC 110 Volts Or 220 Volts; Single Ph
- Power Consumption: Max 250VA
- Air Pressure & Air Consumption: 4-6bar, 15ltr/Min
- Belt type:ESD belt (round belt)
- Belt speed: 16m/min.
- Indexing Pitch: 10.20.30.40mm Or Specify
- PCB loading time: 6 sec approx.
- Magazine storage: 50 pcs. (50kg max)

Schematic



Description

This unit is used to redirect PCBs in a production line, usually used for two combined one assembly line, L or U type SMT assembly line.

Features

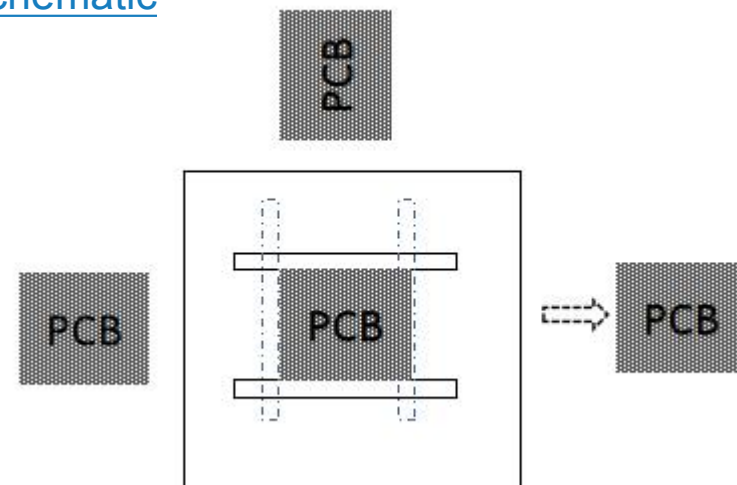
- User friendly 'soft-touch' LED control membrane control panel
- Enclosed design with built-in torque limiter ensures highest level of safety
- Top cover can be opened for easy access to hardware during maintance
- Parallel and smooth width adjustment (leadscrew)
- Steady and precise scaling (retractable motor)
- Minimize transmission clearance clearance between conveyor
- Different sizes available upon request
- PCB traffic flows can be customised
- SMEMA compatible



Technical specifications

- Transport height: 900mm \pm 20mm or specify
- Transfer direction: L to R or specify R to L
- Belt type: ESD belt (round belt)
- Cycle time: 15 seconds approx.
- Power supply: AC 110 Volts Or 220 Volts; Single Phase
- Power consumption: 150VA max. or specify
- PCB Thickness : 0.6~4 mm

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SCN250	500*563*1200	50*50-330*250	150KG	0.6~4 mm
SCN330	580*643*1200	50*50-400*330	170KG	0.6~4 mm

Description

This unit is used when a passage way is required in a production line (fully automatic).

Features

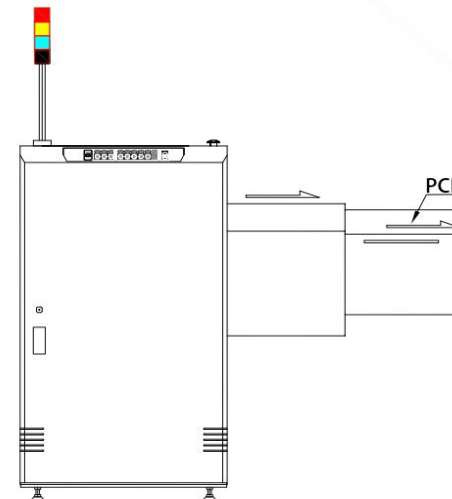
- Top cover can be opened for maintenance.
- Electrically driven for smooth extension and retraction.
- Smooth and parallel width adjustment.(lead screw)
- Modular design, touchscreen control.
- PLC Program control.
- Fully enclosed design.
- Different sizes available upon request
- PCB traffic flows can be customised
- SMEMA compatible.



Technical specifications

- Transport height:900mm \pm 20mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD belt (round belt)
- Speed:0.5-20m/min adjustable
- Stretch out / retract: 6 sec approx
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:200VA max. or specify
- Load bearing:1.5kg/PCB
- Telescopic Length (Passageway): 850mm or specify

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SAC330	1500*850*1300	50*50-445*330	200KG	0.6~4 mm

Description

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

Features

Lowering and lifting of gate conveyor.(Push bottoms control).
 Locking cylinder to avoid opening during PCB transfer.
 Ergonomic air pressure supported opening and closing.
 Automatically gate lifting down by push button.
 Parallel and smooth width adjustment.(lead screw)
 SMEMA compatible.

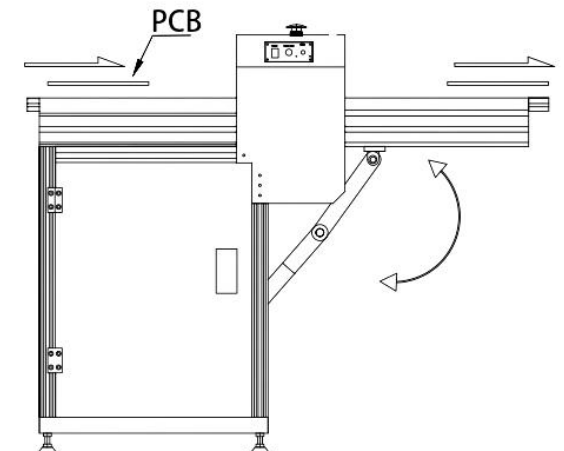


Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SLC400W-N	1300*570*1050	50*50-445*400	180KG	0.6~4 mm

Technical specifications

Transport height:900mm ±20mm or specify
 Transfer direction:L to R or specify R to L
 Belt type:ESD flat belt (round belt)
 Speed:0.5-20m/min adjustable
 Cycle time: 15 seconds approx.
 Air Pressure & Air Consumption: 4-6 bar, 48ltr/Min
 Power supply:AC 110 Volts Or 220 Volts; Single Phase
 Power consumption:100VA max. or specify
 Load bearing:1.5kg/PCB
 Telescopic Length (Passageway): 600mm or specify

Schematic



Description

By manual lifting the conveyor section, access is gained to the rear of the line.

Features

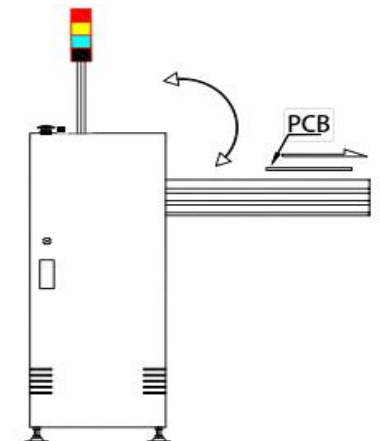
Lowering and lifting of gate conveyor.(Push bottoms control)
PLC Program control.
Locking cylinder to avoid opening during PCB transfer.
Ergonomic air pressure supported opening and closing.
Automatically gate lifting down by push button.
Parallel and smooth width adjustment.(lead screw)
SMEMA compatible.



Technical specifications

Transport height:900mm ±20mm or specify
Transfer direction:L to R or specify R to L
Belt type:ESD flat belt (round belt)
Speed:0.5-20m/min adjustable
Cycle time: 15 seconds approx.
Air Pressure & Air Consumption: 4-6 bar, 48ltr/Min
Power supply:AC 110 Volts Or 220 Volts; Single Phase
Power consumption:100VA max. or specify
Load bearing:1.5kg/PCB
Telescopic Length (Passageway): 600mm or specify

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SGC330	1000*730*1050	50*50-445*400	180KG	0.6~4 mm
SGC460	1000*860*1050	50*50-530*460	200KG	0.6~4 mm

Description

This unit is used to invert PCBs (180°) for “double-sided” process.

Features

- Pneumatic stopper to keep PCB in position during inverting.
- Conveyor width adjustment using hand crank.
- Controlled by Omron PLC.
- By-pass mode selectable.
- Used to invert PCBs(180) for double sided process.
- Fast,Smooth and precise inverting motion
- Small machine footprint
- SMEMA compatible

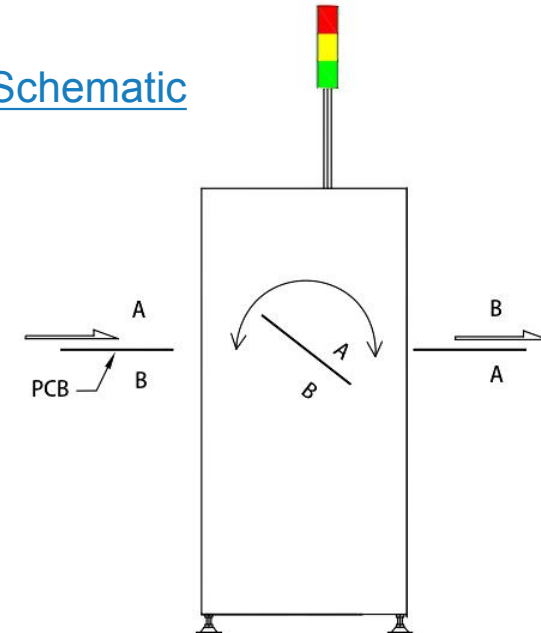


Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SBI330	500*786*1200	50*50-445*330	120KG	0.6~4 mm
SBI460	600*856*1200	50*50-530*460	160KG	0.6~4 mm

Technical specifications

- Transport height:900mm ±20mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD belt (round belt)
- Cycle time: 5 seconds approx.
- Air Pressure & Air Consumption: 4-6bar, 1.1 ltr/Min
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:150VA max. or specify
- PCB Thickness : 0.6~3 mm

Schematic



Description

This unit is used for transferring of PCBs/pallets into the soldering inlet.

Features

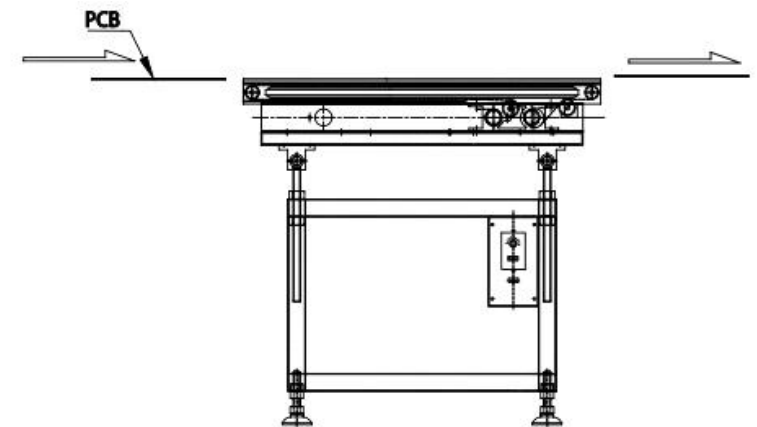
- Structure stability
- Adjustable inclined angle
- Aluminum conveying guide rail
- Pin chain (3 mm or 5 mm pins)
- Conveying motor with speed controller
- Parallel and Smooth width adjustment.(lead screw)
- Variable speed control to synchronise with wave soldering machine
- SMEMA compatible



Technical specifications

- Transport height:750mm \pm 30mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:35B pin chain or specify
- Speed:0.5-20m/min adjustable
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:100VA max. or specify
- Load bearing:1.5kg/PCB

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SBF330	1000*600*1100	50*50-445*330	35KG	0.6~4 mm
SBF460	1000*730*1100	50*50-530*460	45KG	0.6~4 mm

Description

This unit is used for transferring of PCBs/pallets into the soldering outfeed.

Features

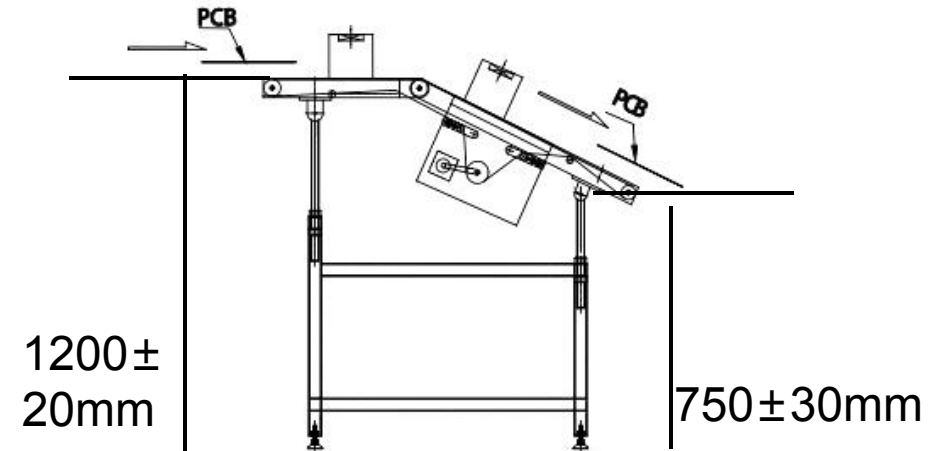
- Structure stability
- Adjustable inclined angle
- Variable speed control to synchronise with wave soldering machine
- Parallel and Smooth width adjustment.(lead screw)
- SMEMA compatible
- PLC controlled (optional)
- Cooling fans (optional)



Technical specifications

- Transport height:infeed:1200mm \pm 20mm;
outfeed:750 \pm 20mm
- Transfer direction:L to R or specify R to L
- Belt type:Green anti-static PVC belt or specify
- Speed:0.5-20m/min adjustable
- Power supply:AC 110 Volts Or 220 Volts; Single Phase
- Power consumption:100VA max. or specify
- Load bearing:1.5kg/PCB

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SUB330	1200*600*1100	50*50-445*330	35KG	0.6~4 mm
SUB460	1200*730*1100	50*50-530*460	45KG	0.6~4 mm

Description

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

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)
- Manual stop switch button. (optional)
- ESD ground socket. (optional)



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SUM330	3000*650*1900	50*50-445*330	86KG	0.6~4 mm

Technical specifications

Transport height:800mm ±20mm or specify

Transfer direction:L to R or specify R to L

Belt type:35B pin chain or specify

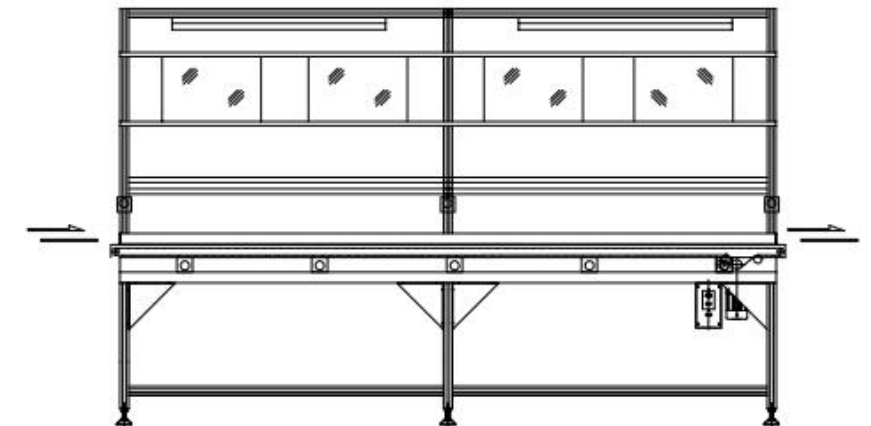
Speed:0.1-5 m/min adjustable

Power supply:AC 110 Volts Or 220 Volts; Single Phase

Power consumption:150VA max. or specify

Load bearing:1.5kg/PCB

Schematic

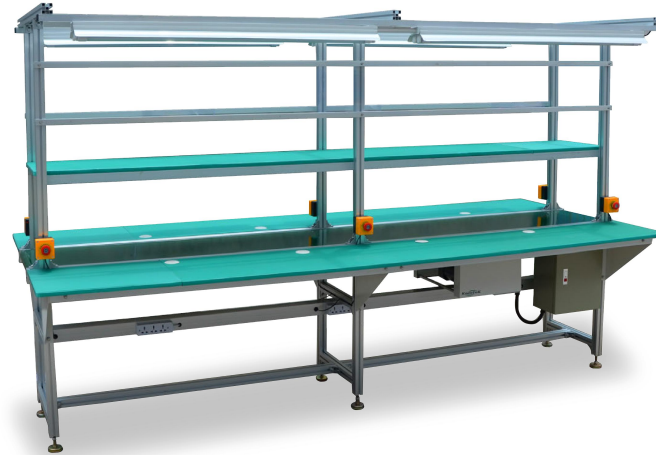


Description

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

Features

- Aluminum conveying guide rail
- 400mm width ESD belt
- Conveying motor driven by inverter
- Install with LED light
- Install with multifunction socket
- Install with process card bracket
- Install with tool storage plate
- Manual stop switch button. (optional)
- ESD ground socket. (optional)



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thickness
SUH330	3000*1285*1860	Max 400	75KG	0.6~4 mm

Technical specifications

Transport height:800mm ±20mm or specify

Transfer direction:L to R or specify R to L

Belt type:ESD belt or specify

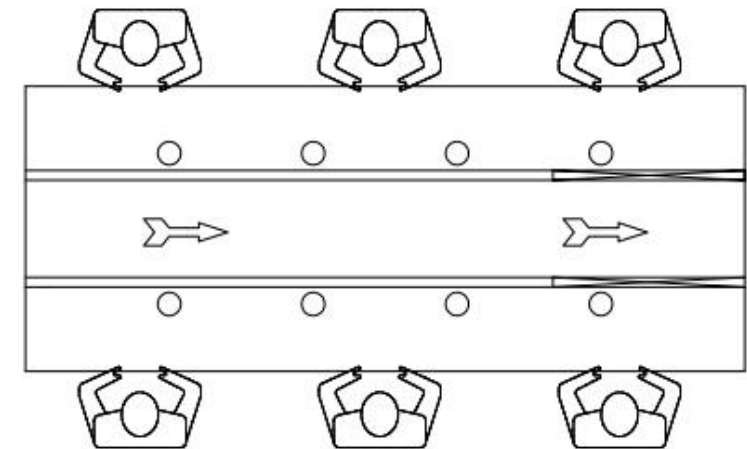
Speed:0.1-5 m/min adjustable

Power supply:AC 110 Volts Or 220 Volts; Single Phase

Power consumption:400VA max. or specify

Load bearing:1.5kg/PCB

Schematic



Description

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

Features

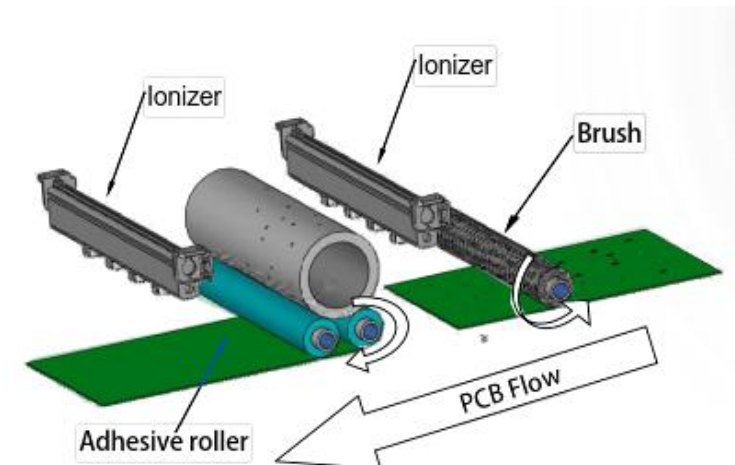
- User friendly touch screen panel
- Preset PCB counter and warning alarm
- Easy access to adhesive rolls
- Drawer design,easily to do maintenance
- Multiple dust removal design, efficiency can reach 90%
- Smooth and parallel width adjustment (lead screw)
- SMEMA compatible
- Double side cleaning (optional)
- Automatic conveyor width adjustment(optional)



Technical specifications

- Transport height:900mm ±30mm or specify
- Transfer direction:L to R or specify R to L
- Belt type:ESD flat belt or specify
- Speed:0.5-20m/min adjustable
- Air Pressure & Air Consumption: 4-6bar; 10 ltr/Min
- Power supply& consumption:110V /220V, 50 Hz/ 1 Ph,max 100VA
- Total brush: 1 pcs
- Total dust roller:2 pcs
- Total dust paper: 1 pcs
- PCB thickness:0.6~5mm

Schematic



Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
SQC330	550*680*1200	50*50-445*330	120KG	Single side
SQC460	550*850*1200	50*50-530*460	160KG	Single side

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