PCB destacker

Board handing system loader serial

Description

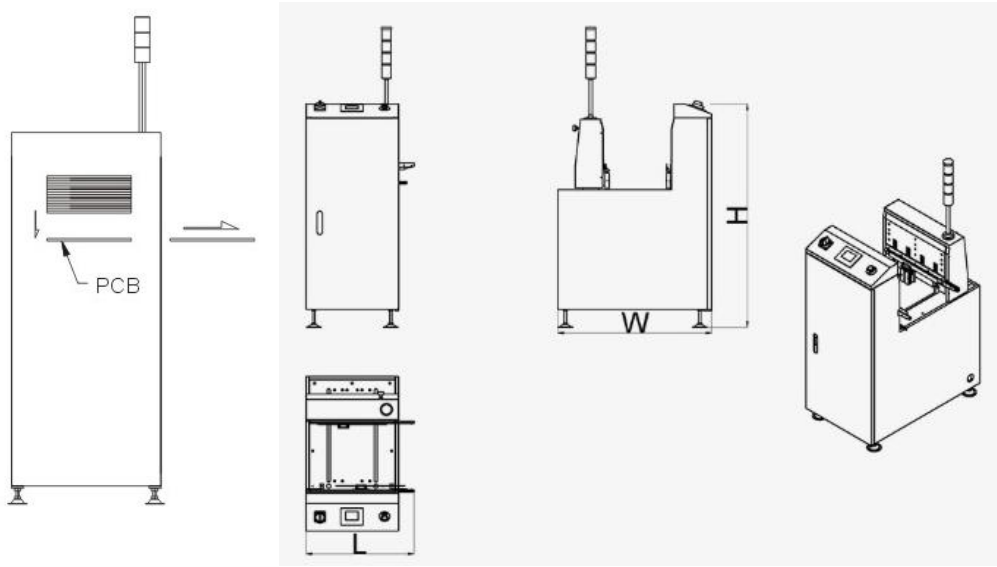
This unit is used for loading of bare PCBs to the production line.

Features

200 board stack capability with 0.4 mm board thickness
Variable speed in/speed out and PLC control System
Board unload or pass-through mode
Variable thickness adjust dial and Slide-width adjust
SMC Cylinder and Fixed front rail
Adjustable transfer height
Interface mounting brackets
SMEMA compatible



Schematic&Structure



Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB storage
YC-460W	550*890*1200	50*50-460*460	200KG	200PCS/0.4mm

Basic linking conveyor

Board handing system conveyor serial

Description

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





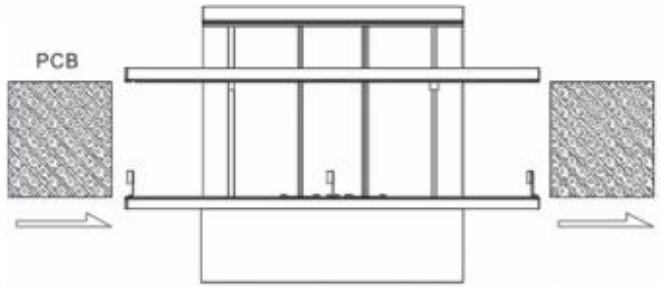
Features

Modular design, PLC controlled
Stability enhanced by heavy design
Worktable included by default
Smooth and parallel width adjustment (stainless steel screws)
Different lengths available upon request
Muli- segment concept available upon request
Automatic/Manual modes
Variable speed control
Inspection button
SMEMA compatable
Conveyor height 900±20mm

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



Specifications

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

High-end linking conveyor

Board handing system conveyor serial

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 steellaser cutting edge oriented
Smooth parallel to the width of the screw adjustment nethld
Strengthening the structural design to improve the stability of the equipment
Anti-static flat belt use 3mm
SMEMA compatible

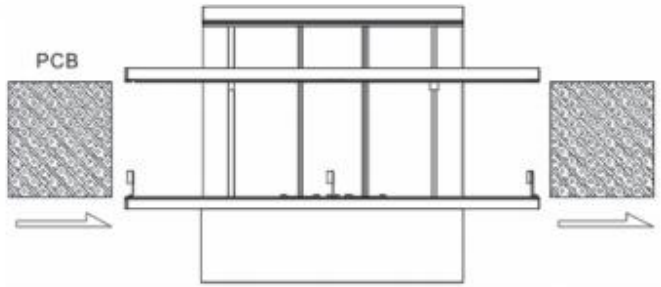
Options

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

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
YH-407C	500*676*900	50*50-445*407	45KG	no Lighting
YH-460C	500*786*900	50*50-460*460	50KG	no Lighting
YH-407D	1000*676*900	50*50-445*407	75KG	no Lighting
YH-460D	1000*786*900	50*50-460*460	85KG	no Lighting

Schematic



Basic dual rail linking conveyor

Board handing system conveyor serial





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’

Ergonomically designed arm rest

Smooth and parallel width adjustment

Width adjustment for individual track can be independently controlled (optional)

Inspection Mode (optional)

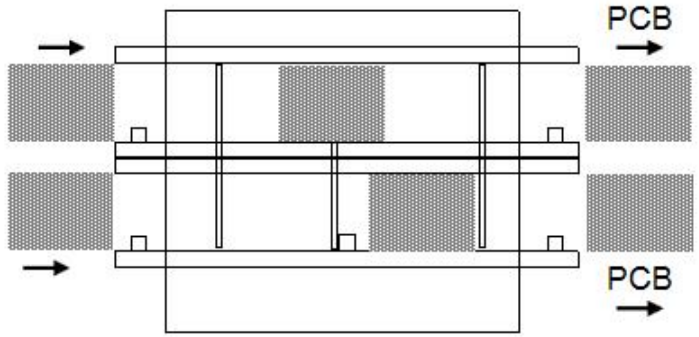
Two independently controlled belt segment

Multi-zone concept available upon request

Different lengths available upon request

SMEMA compatible

Schematic



Specifications

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

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Translation conveyor/shuttle conveyor

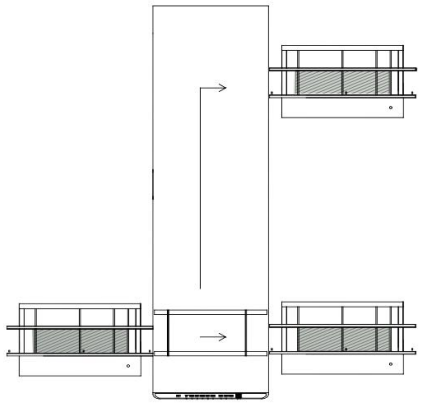
Board handing system conveyor serial

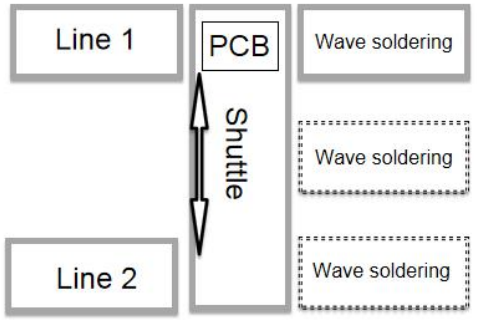
Description

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



Schematic





Features

User friendly ‘soft touch’ LED membrane control panel

Surrounded with covers to provide highest level of safety

Minimize transmission clearance between conveyor

Swift, smooth and precise operations (frequency inverter control

PCB traffic flows can be customised

Smooth and parallel width adjustment

SMEMA compatible

Optional two modes: 1 in 2 out, 2 in 1 out

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YPD330	500*W*1050	50*50-330*250	140KG	Machine width depens on traversing distance
YCN330	600*W*1050	50*50-460*330	200KG	

Standard reject conveyor

Board handing system conveyor serial

Description

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

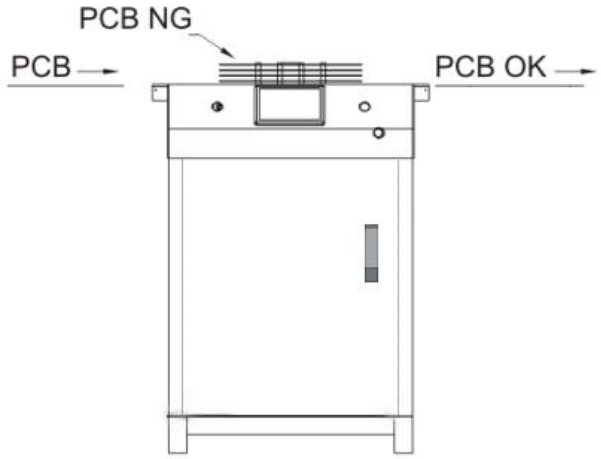


0.5 Mter



1 Mter

Schematic



Features

Modular design

User friendly ‘soft touch’ LED membrane control panel

Includes 3 modes: ‘reject’, ‘inspect’ and ‘pass through‘ modes

Stability enhanced by ‘robust design’

Ergonomically designed arm rest

Smooth and parallel width adjustment

Different lengths available upon request

Variable speed control

SMEMA compatible

Specifications

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

High-end reject conveyor

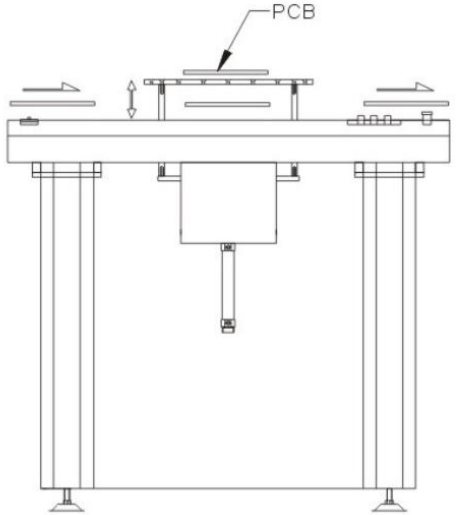
Board handing system conveyor serial

Description

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



Schematic



Features

Modular design

User friendly ‘soft touch’ LED membrane control panel

Includes 3 modes: ‘reject’, ‘inspect’ and ‘pass through‘ modes

Stability enhanced by ‘robust design’

Ergonomically designed arm rest

Smooth and parallel width adjustment

Different lengths available upon request

Variable speed control

SMEMA compatible

Specifications

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

NG buffer conveyor

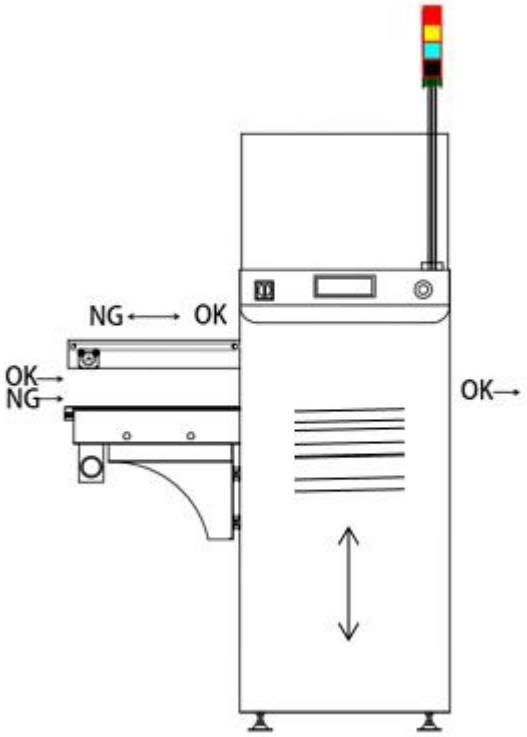
Board handing system conveyor serial

Description

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



Schematic



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

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Remark
YBN250	1000*910*1600	50*50-330*250	160KG	
YBN330	1200*990*1600	50*50-460*330	300KG	

Magazine type buffer conveyor

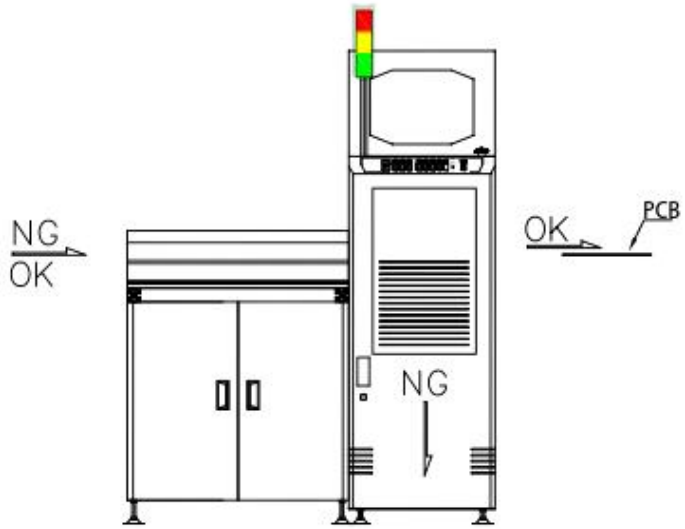
Board handing system conveyor serial

Description

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



Schematic



Features

PCB Magazine Type Buffer Technical Parameters

Description: This Device Used For Receiving NG Board Or Memory Board

No.Of Magazine: Upper Conveyor: 1 Magazine; Lower Conveyor:2 Magazine

Indexing Pitch: 10.20.30.40mm Or Specify

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

Power Consumption: Max 250VA

Air Pressure & Air Consumption: 4-6bar, 15ltr/Min

Transport Height: 900±20MM

Transport Direction: From Left To Right Or Right To Left

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Rack size(L*W*H.MM)
YBM250	1150*1150*1205	50*50-330*250	160KG	355*320*563
YBM330	1350*1350*1205	50*50-445*330	220KG	460*400*563
YBM390	1550*1550*1205	50*50-530*390	280KG	535*460*563
YBM460	1750x1750x1205	50x50-530x460	340KG	535*530*563

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90 degree turning conveyor

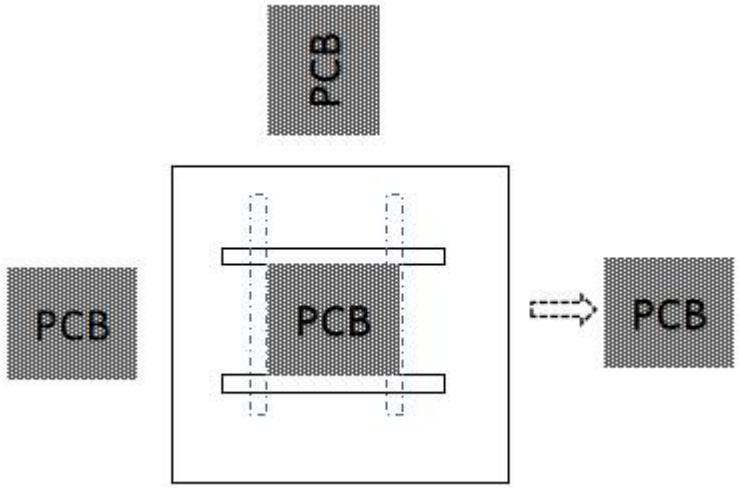
Board handing system conveyor serial

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.



Schematic



Features

User friendly ‘soft-touch’ LED control membrance 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

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YBI330	500*563*1200	50*50-330*250	150KG	
YCN330	580*643*1200	50*50-400*330	170KG	

Telescopic gate conveyor

Board handing system conveyor serial

Description

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

Features

The Telescopic Gate Conveyor from Electro Design is a fully automatec pass through conveyor that allows people and vehicles to go through, rather than round a complete line. Since the retracted position of the telescopic conveyor is its idle position there is no need to press any buttons to pass through the line. Each side and section of the conveyor has its own motor drives and belts.

Working height (mm):900±20(std)

Transport Speed:1-15meters per minute or as your specified

Power supply:100V, 220v,230V (single-phase AC)

Power Maximum:100 W

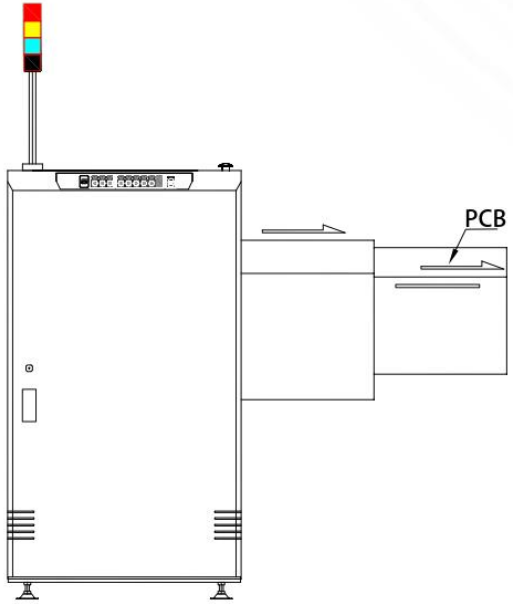
Belt type: flat belt

Telescopic Length(mm) 850mm

Stretch out / retract 6 sec



Schematic



Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YAC330	1500*850*1300	50*50-445*330	200KG	

Drop door conveyor

Board handing system conveyor serial

Description

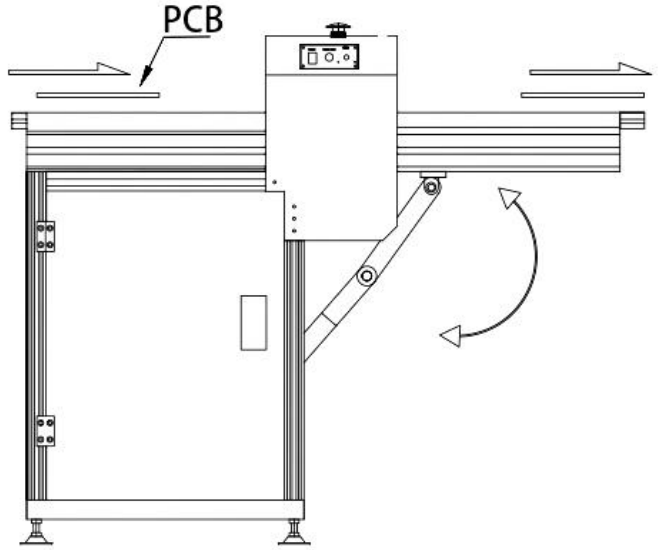
This unit is used when a passage way is required in a production line.

Features

Lowering and lifting of gate conveyor.(Push bottons 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.
Transport height:910mm ±20mm
Belt type: ESD flat belt
Power supply: AC110 V , or 220V, single phase,Max 100V
Air supply:4-6 bar, 48ltr/min max
Load bearing:1.5kg/PCB



Schematic



Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YLC400W-N	1300*570*1050	50*50-445*400	180KG	

Hand door conveyor

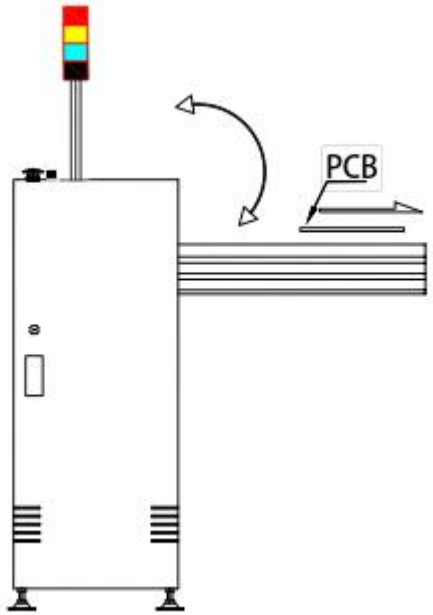
Board handing system conveyor serial

Description

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



Schematic



Features

Lowering and lifting of gate conveyor.(Push bottons 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.
Transport height:910mm ±20mm
Belt type: ESD flat belt
Power supply: AC110 V , or 220V, single phase,Max 100V
Air supply:4-6 bar, 48ltr/min max
Load bearing:1.5kg/PCB

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YGC330	1000*730*1050	50*50-445*400	180KG	
YGC460	1000*860*1050	50*50-530*460	200KG	

PCB invertor/flipper

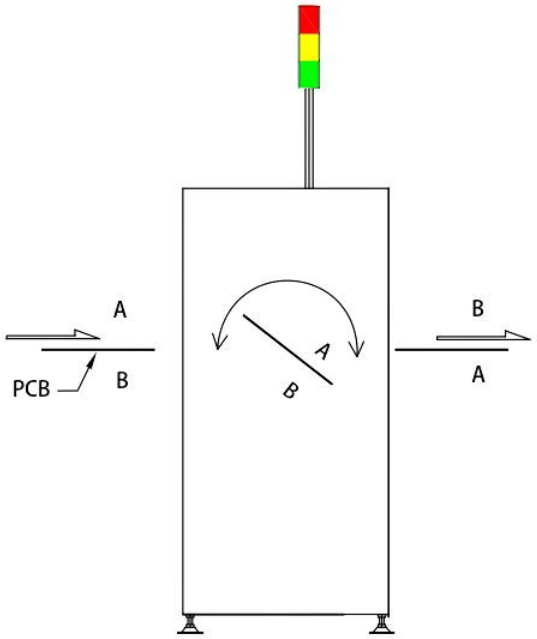
Board handing system conveyor serial

Description

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



Schematic



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
Cycle Time：Approx. 5 seconds.
Power Source：230VAC 1ph 150VA max.(Option:100VAC).
PCB Thickness：0.6mm min
SMEMA compatible

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YBI330	500*786*1200	50*50-445*330	120KG	
YBI460	600*856*1200	50*50-530*460	160KG	

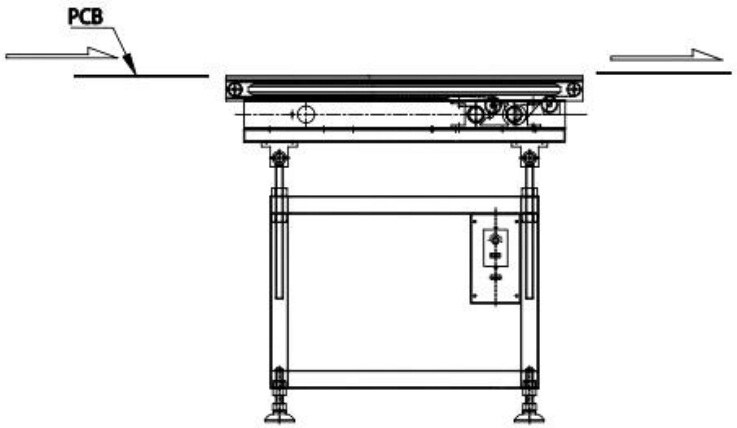
Solder Inloading Conveyor

Description

This conveyor is used to feed PCB's or pallets into wave soldering machine.



Schematic



Features

Standard features

800mm Aluminum conveying guide rail

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
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

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)
Y-F330	800*600* (750-950)	50*350	55KG
Y-F460	1000*730* (750-950)	50*460	65KG

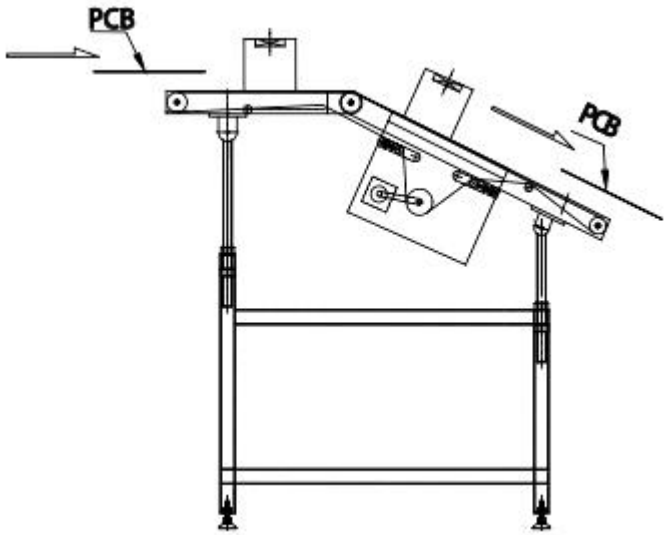
solder unloader conveyo

Description

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



Schematic



Features

Aluminum conveying guide rail.

400mm belt

Adjustable speed.

Adjustable angle.

Equipped with 2 groups of cooling fan.

Technical specifications

Transport height: 1150±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

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)
Y-U330	1200*480*1250	50*400	45KG
Y-U460	1200*730*1100	50*460	55KG

PCB cleaning machine conveyor

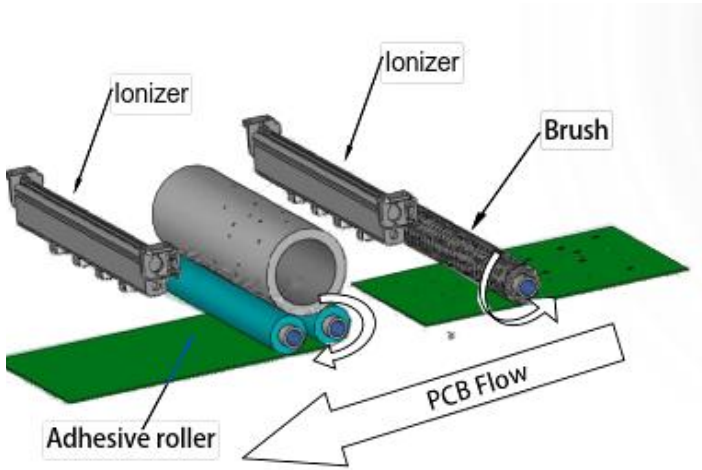
Cleaner serial

Description

This unit is used for removing dust, particles, glass fiber & etc on bare PCBs surface.



Schematic



Features

User friendly touch screen panel

Preset PCB counter and warning alarm will sound as reminder to change adhesive rolls

Easy access to adhesive rolls

Drawer design,easyly 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)

PCB thickness:0.6~5mm

Specifications

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Remark
YQC330	550*680*1200	50*50-445*330	120KG	Single side
YQC460	550*850*1200	50*50-530*460	160KG	Single side

Standard magazine loader

Board handing system loader serial

Description

This unit is used for loading of PCBs from the production line.

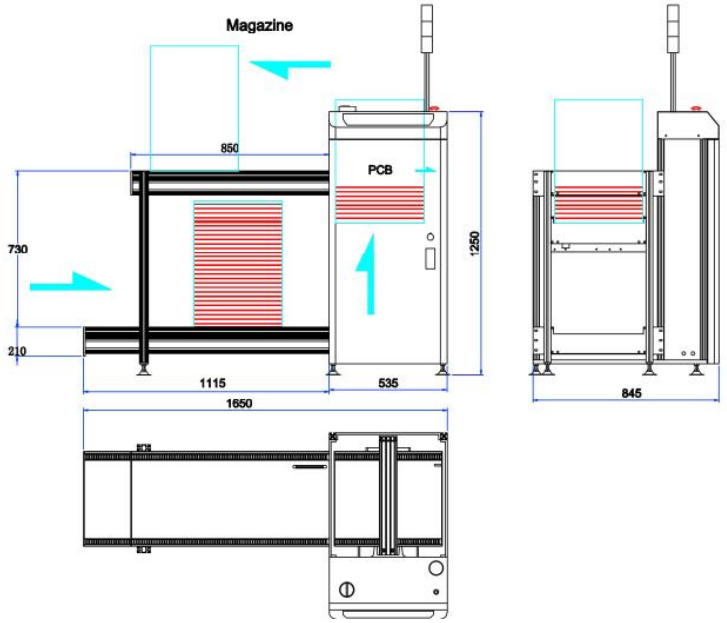


Features

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

Schematic





Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
SLD250	1330*765*1250	50*50-330*250	140KG	355*320*563
SLD330	1650*845*1250	50*50-445*330	200KG	460*400*563
SLD390	1800*909*1250	50*50-530*390	240KG	535*460*563
SLD460	1800*970*1250	50x50-530x460	300KG	535*530*563

Standard magazine unloader

Board handing system unloader serial

Description

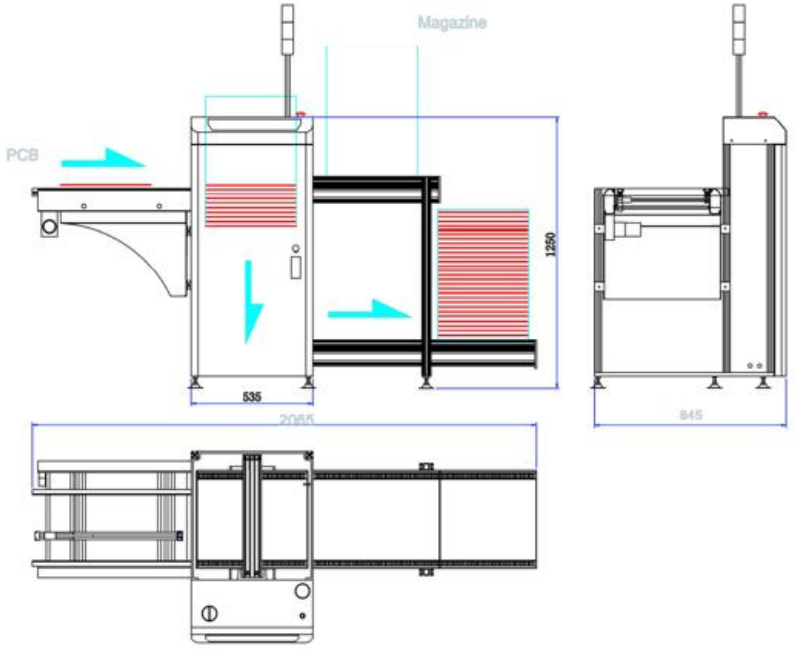
This unit is used for unloading of PCBs from the production line.

Features

Sturdy and stable design
Magazine quantity: upper 1pc, bottom 1pc.
Tank Replacement time: about 30 seconds or specify
Step select: 10,20,30,40 mm or specify
Spec. 110V or 220V, single phase max 250VA.
Barometic pressure from 4-6 bar, up to 10/min
Flexible platform to suit standard magazines.
Regulated pressure on attached pneumatic pusher.
Pusher position adjustable to centre of the magazine.
User friendly “soft touch” LED membrane controlpanel.
SMEMA compatible



Schematic



Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YUL250	1730*765*1250	50*50-330*250	160KG	355*320*563
YUL330	2065*845*1250	50*50-445*330	220KG	460*400*563
YUL390	2660*909*1250	50*50-530*390	280KG	535*460*563
YUL460	2660*970*1250	50x50-530x460	320KG	535*530*563

Dual magazine line loader

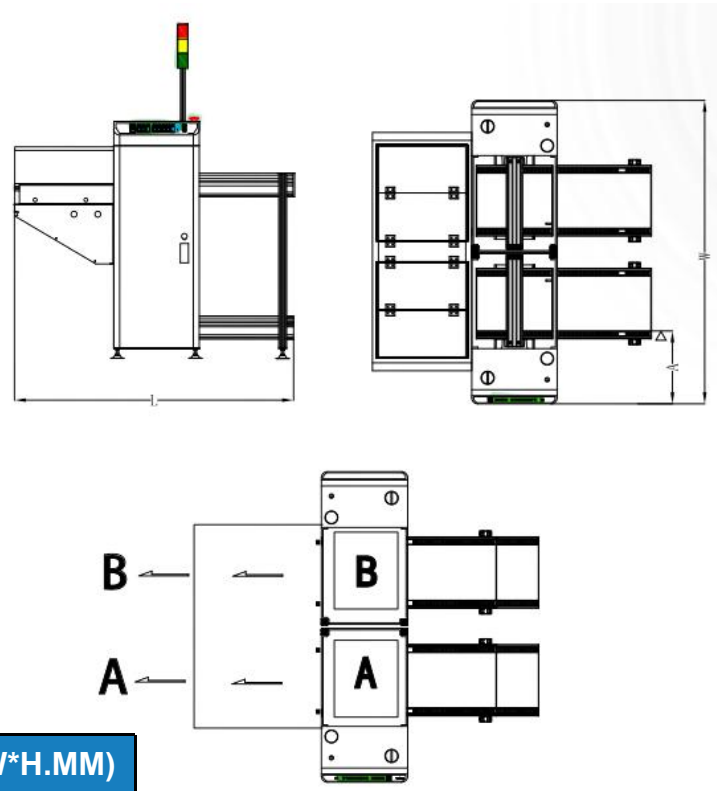
Board handing system loader serial

Description

This unit is used to load your dual-track production line automatically by pushing PCB´ s out of a magazine onto the conveyor of the downstream machine.



Schematic



Features

User friendly “soft touch” LED membrane control panel.
Flexible platform to suit standard magazines.
Regulated pressure on attached pneumatic pusher.
Pusher position adjustable to centre of the magazine.
PLC Program control.
Ball screw driven positioning of shuttle conveyor.
Automatic magazine alignment by upper and lower pneumatic clamping.
SMEMA compatible.

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YLD250L	1450*1550*1250	50*50-350x250	220KG	355*320*563
YLD330L	1650*1780*1250	50*50-460x330	320KG	460*400*563
YLD390L	1980*1900*1250	50*50-535x390	380KG	535*460*563
YLD460L	1980*2150*1250	50x50-535x460	460KG	535*530*563

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Dual line magazine unloader/NG/OK unloader

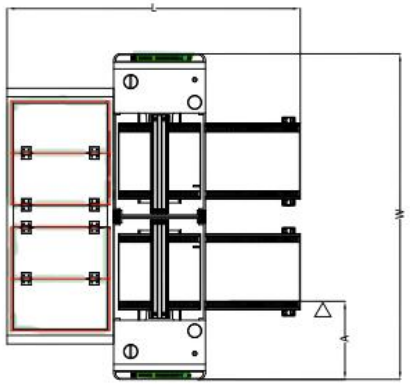
Board handing system unloader serial

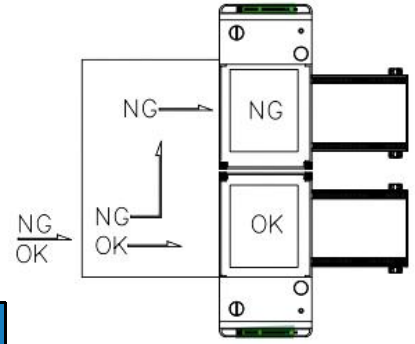
Description

This unit is used to load your dual-track production line automatically by pushing PCB´ s out of a magazine onto the conveyor of the downstream machine.



Schematic





Features

User friendly “soft touch” LED membrane control panel.

Flexible platform to suit standard magazines.

Regulated pressure on attached pneumatic pusher.

Pusher position adjustable to centre of the magazine.

PLC Program control.

Ball screw driven positioning of shuttle conveyor.

Automatic magazine alignment by upper and lower pneumatic clamping.

SMEMA compatible.

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YBH250	1510*1530*1250	50*50-350x250	320KG	355*320*563
YBH330	1910*1630*1250	50*50-460x330	350KG	460*400*563
YBH390	2160*1760*1250	50*50-535x390	380KG	535*460*563
YBH460	2160*1900*1250	50x50-535x460	460KG	535*530*563

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Magazine&destacker combo loader

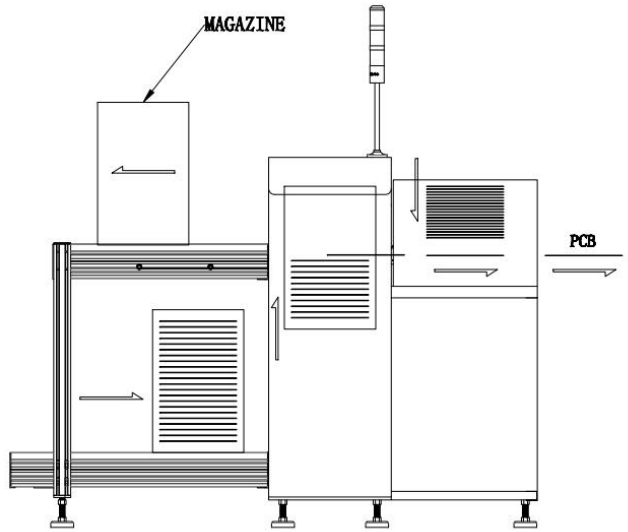
Board handing system loader serial

Description

This unit is used to load PCBs onto the production line from either magazines or stacks, simplifying double-sided board assembly. Ideal for double-sided assembly. Load bare boards from stacks or partial assemblies from magazines



Schematic



Features

Selectable pitch 10mm up to 40mm

Diameter 3mm edge round belt

Component clearance: top 80mm bottom 20mm

Conveyor speed: vacuum loading 15s/pc,magazine loading 7s/pc

Stack Height: 200mm

Adjustable transfer height

Interface mounting brackets

SMEMA compatible

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YLD250-D	1850×855×1250	50*50-350x250	250 KG	355*320*563
YLD390-D	2320×995×1250	50*50-460x390	340KG	535*460*563

L type magazine unloader

Board handing system unloader serial

Description

This unit is used for loading or of PCBs.

Features

Specially use in limited workshop
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

Transfer direction:L to R OR R to L

Time feed: 6 seconds Aprox. Or specify

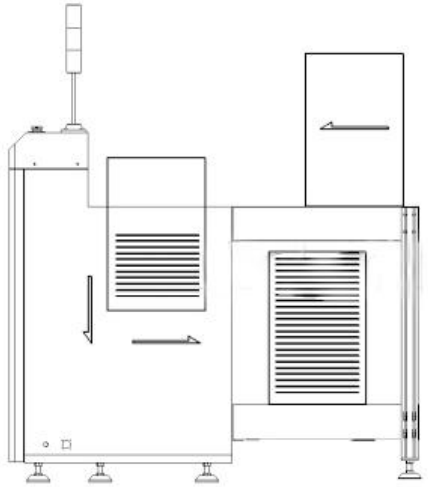
Air supply& consumption: ≥6 bar,10 ltr/min max.

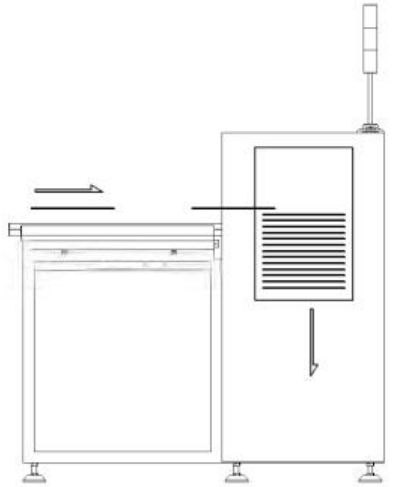
Power supply:110V /220V, 50 Hz/ 1 Ph, max 300VA

Indexing pitch: 10.20.30.40mm Or specify.



Schematic&Structure





Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YULF250	1150*1150*1250	50*50-330*250	160KG	355*320*563
YULF330	1350*1350*1250	50*50-445*330	220KG	460*400*563
YULF390	1550*1550*1250	50*50-530*390	280KG	535*460*563

Magazine&vacuum combo loader

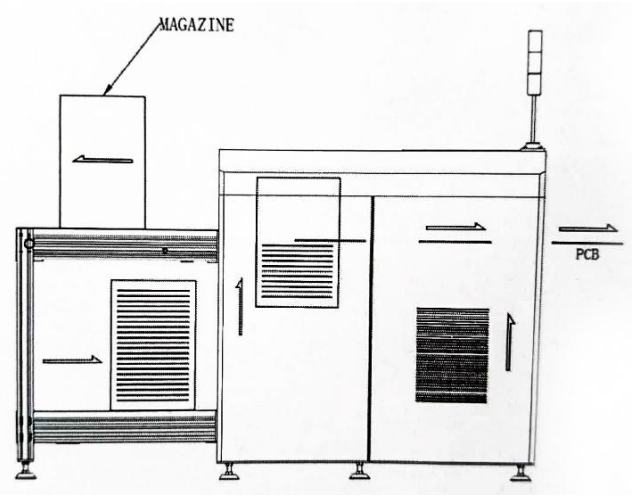
Board handing system loader serial

Description

This unit used to 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.



Schematic



Features

PLC Program control.

Vaccum loading,Magazine loading and alternated mode selectable.

Binding function of vaccum loader and magazine loader.

Diameter sictopm pads:5mm or specify

PCB thickness capability: 0.6-4.5mm

PCB stock capability:125mm or specify

Air supply&consumption: 4-6 bar, 10 ltr/min Max

Power supply&consumption:110V /220V, 50 Hz/ 1 Ph, 500V max

Belt speed: 0.5-20m/min adjustable

Transfer direction:L to R

PCB edge support:10mm

SMEMA compatible

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YLD250-V	1640×865×1250	50*50-350x250	250 KG	355*320*563
YLD330-V	1950×945×1250	50*50-445x330	300KG	460*400*563
YLD390-V	2270×1110×1250	50*50-535x390	340KG	535*460*563

L type magazine loader

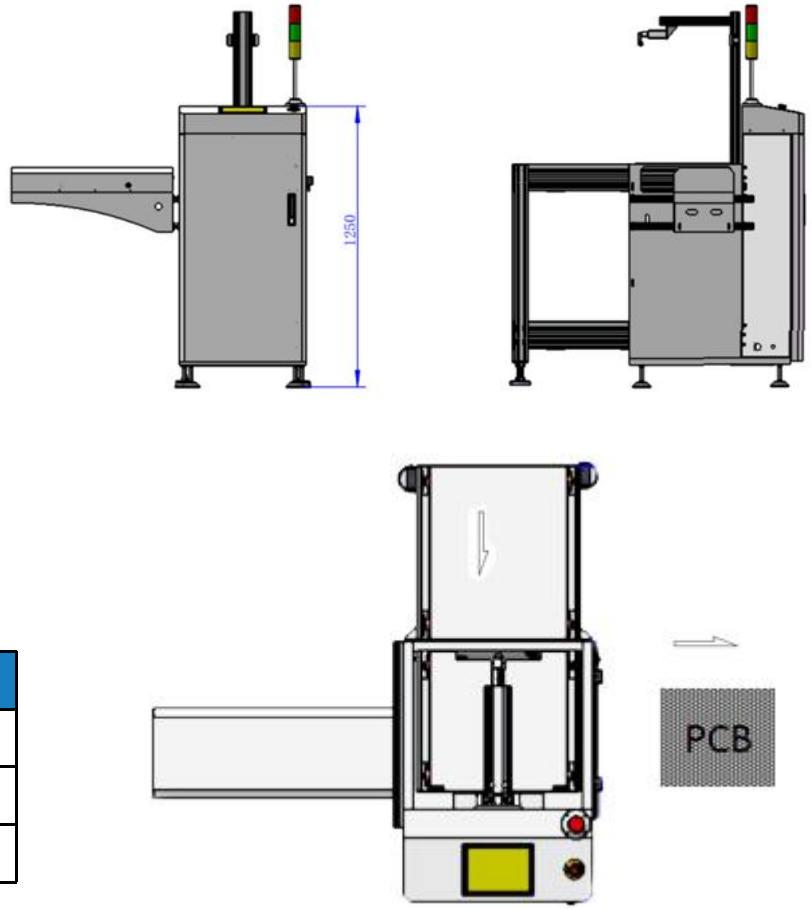
Board handing system loader serial

Description

This unit is used for loading or of PCBs.



Schematic&Structure



Features

Specially use in limited workshop
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

Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	Rack size(L*W*H.MM)
YLF250	1150*1150*1250	50*50-330*250	160KG	355*320*563
YLF330	1350*1350*1250	50*50-445*330	220KG	460*400*563
YLF390	1550*1550*1250	50*50-530*390	280KG	535*460*563

PCB destacker

Board handing system loader serial

Description

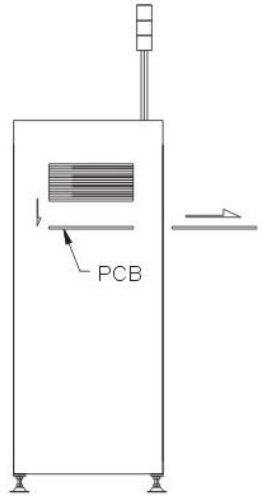
This unit is used for loading of bare PCBs to the production line.

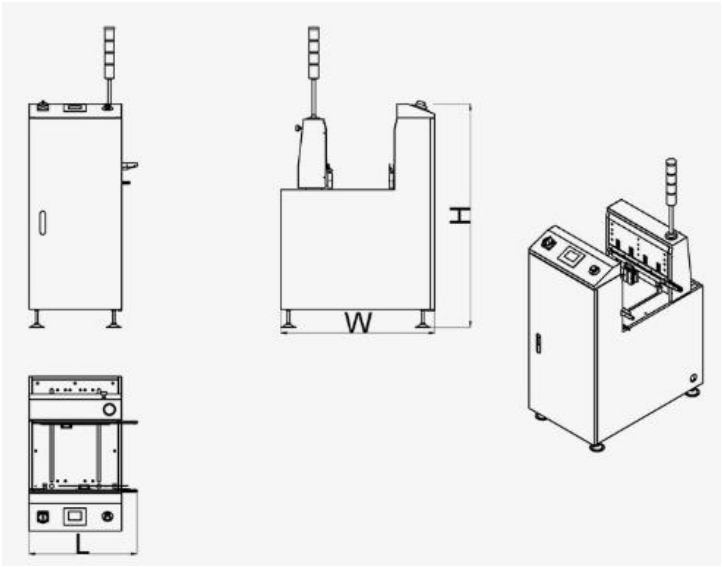
Features

200 board stack capability with 0.4 mm board thickness
Variable speed in/speed out and PLC control System
Board unload or pass-through mode
Variable thickness adjust dial and Slide-width adjust
SMC Cylinder and Fixed front rail
Adjustable transfer height
Interface mounting brackets
SMEMA compatible



Schematic&Structure





Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB storage
YLC330W-B	550*650*1200	50*50-330*250	150KG	200PCS/0.4mm
YLC460W-B	550*890*1200	50*50-460*460	200KG	200PCS/0.4mm

PCB Vacuum loader

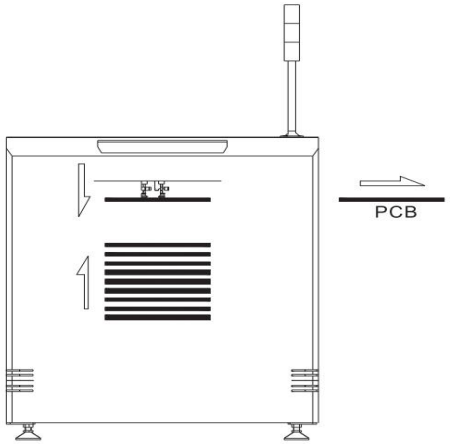
Board handing system loader serial

Description

This unit is used for loading the bare PCBs automatically by vacuum in SMT&DIP production line.



Schematic



Features

Applies to the PLC + touch screen control, easy to operate

Enclosed design ensures highest leavel of safety

Adjust the position of the suction nozzle to ensure the clamping of PCB

Smooth and parallel width adjustment (leadscrew)

Smooth and accurate translation (stepping motor)

Minimize the transmission gap between conveyors

SMEMA compatible

Transfer direction:L to R. PCB edge support:10mm

Belt speed: 0.5-20m/min adjustable

Air supply& consumption: 4-6 bar, 30 ltr/min Max

Power supply:110V /220V, 50 Hz/ 1 Ph

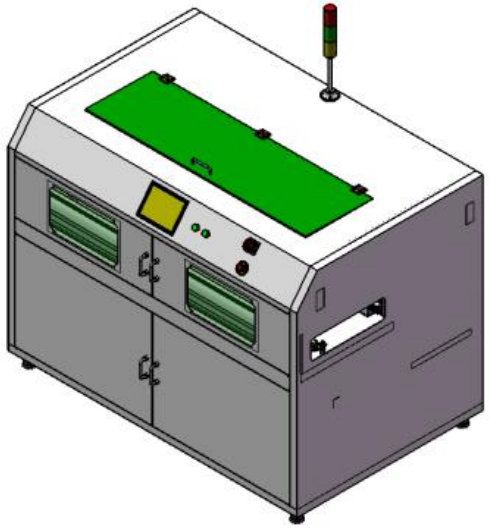
Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB storage
YVL250	500*980*1200	50*50-445*330	130KG	100~300PCS
YVL330	550*980*1200	50*50-530*460	160KG	100~300PCS
YVL390	600*980*1200	50*50-500*390	180KG	100~300PCS
YVL460	800*980*1460	50x50-535x460	200KG	

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1.5m LED Vacuum loader

Board handing system loader serial



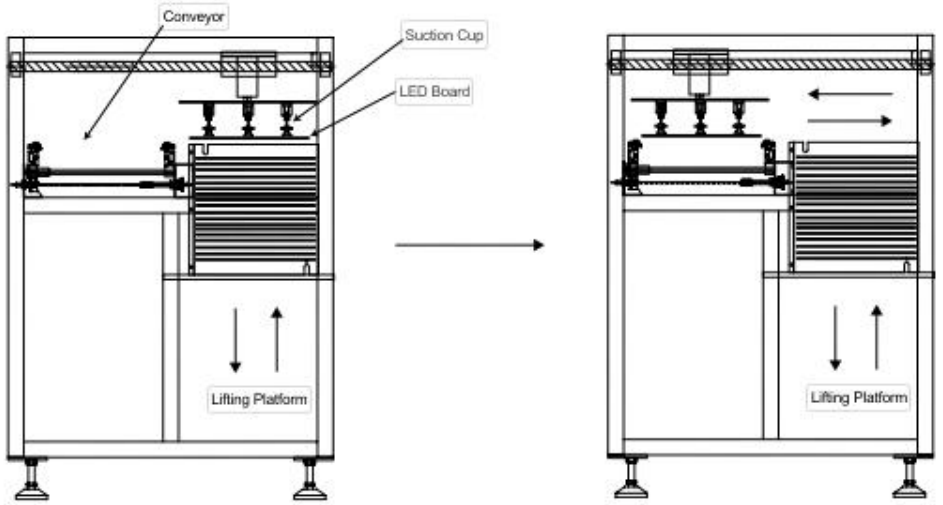
Description

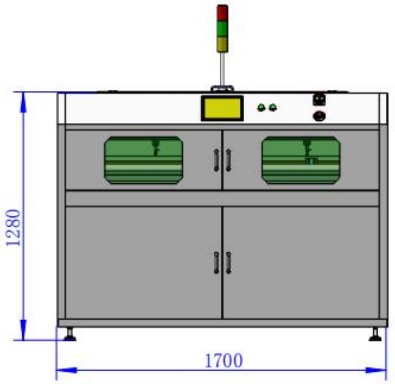
This unit is used for loading the bare LEDs automatically by vacuum to the production line.

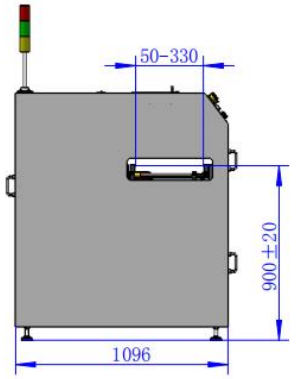
Features

Applies to the PLC + touch screen control, easy to operate
Enclosed design ensures highest leavel of safety
Smooth and parallel width adjustment (leadscrew)
Smooth and accurate translation (stepping motor)
Minimize the transmission gap between conveyors
Adjust the position of the suction nozzle to ensure the clamping of LED board
SMEMA compatible
Transfer direction:L to R. PCB edge support:10mm
Belt speed: 0.5-20m/min adjustable
Air supply& consumption: 4-6 bar, 30 ltr/min Max
Power supply:110V /220V, 50 Hz/ 1 Ph

Schematic&Structure







Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB storage
YVL330	1700*1200*1280	50*50-1300*330	130KG	200mm or specify

1.5m LED Vacuum loader With Trolly

Board handing system unloader serial

Description

The LED boards' are collected from upstream machine using attached roller conveyor and board' are pushed into the trolly. Operator can take out the full trolly from the rear of machine.

Features

User friendly “touch screen” control panel.

PLC Program control;Selectable pitch settings.

Flexible stocker car easy to transport.

Lifting platform drive by servo motor.

Exchange stocker car from the rear of the machine.

The PCB’s are transferred by durable rollers.

Stocker car is manually placed and clamped in position.

SMEMA compatible.

Transfer direction:L to R.

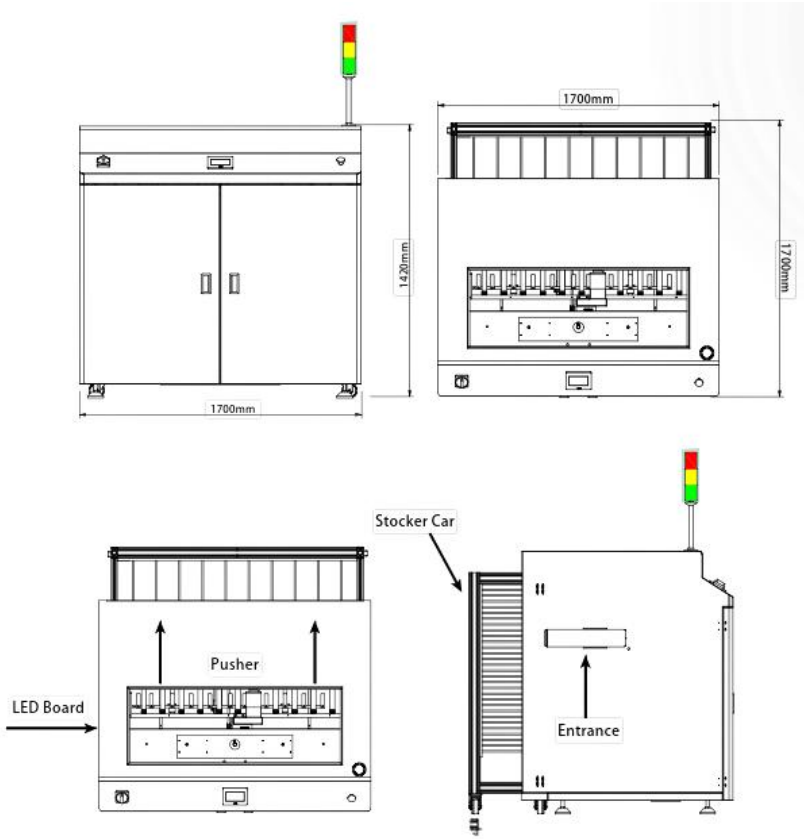
Conveyer ytpe and speed :Stainless Roller ; 0.5-20m/min adjustable

Air supply& consumption: ≥6 bar,10 ltr/min max.

Power supply:110V /220V, 50 Hz/ 1 Ph



Schematic&Structure

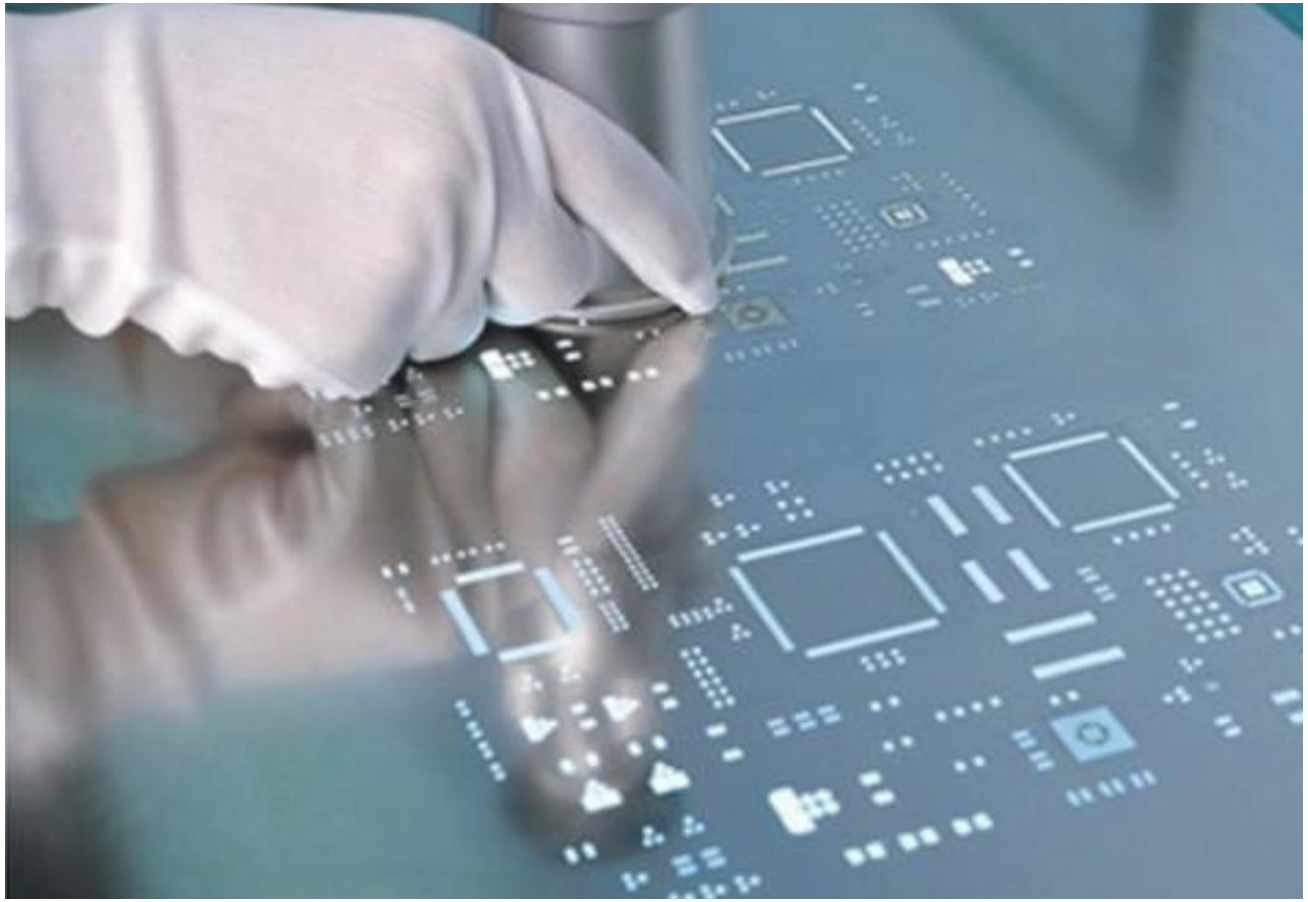


Specifications

Model	Dimension (L*W*H.MM)	PCB size(MM)	Weight(KG)	PCB Thinckness
YVUL330	1700 x 1700 x 1420	500*150~1500*500	220KG	0.6mm ~ 4.0mm

Y-750 Pneumatic Stencil Cleaner Machine





Y-750 Pneumatic Stencil Cleaner Machine

Problem:

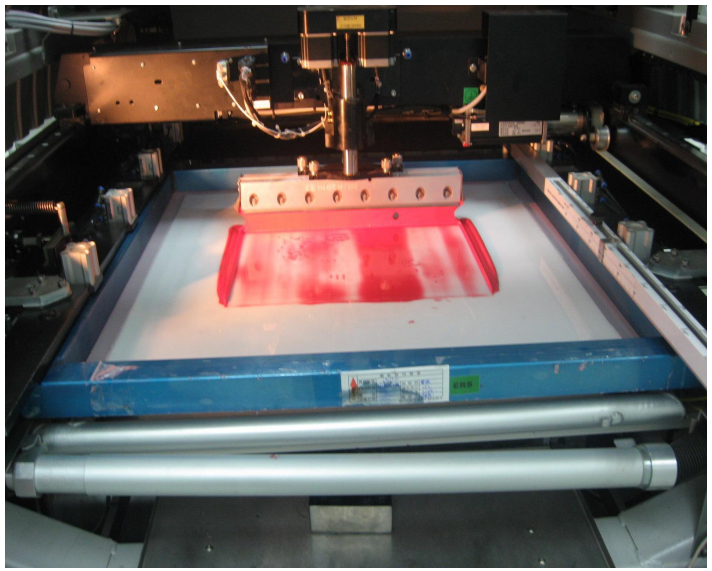
- Still manual to clean the stenil?
- Does it safe?
- And does it really clean after cleaned by manual?
- If not clean enough,it will lead to the printing problem,have you ever met it?

Solve:

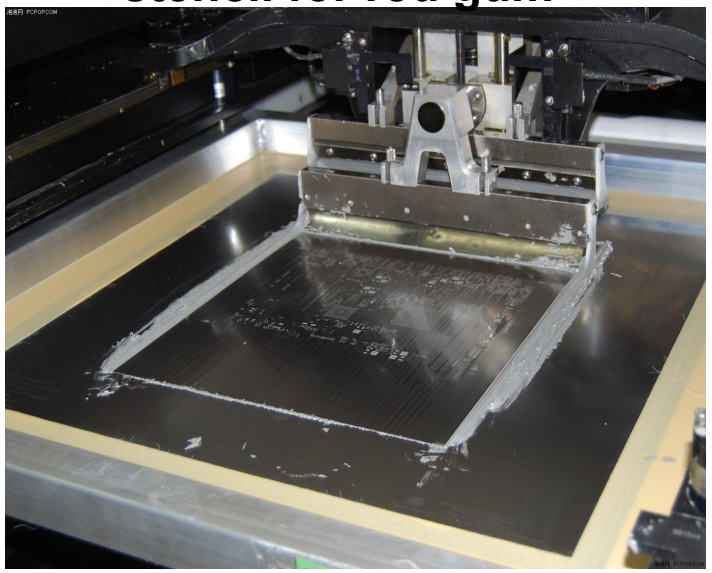
- All pneumatic, no safe hidden trouble, avoid fire
- Easy to operate, the price is cheap
- Clean the stencil absolutely

Y-750 Stencil Cleaner Machine

Great cleaning effect, for BGA hole with Hole diameter 0.1 mm, 0.3 spacing of QFP or 0201 chip component hole ,all those can be cleaned completely.



stencil for red gum

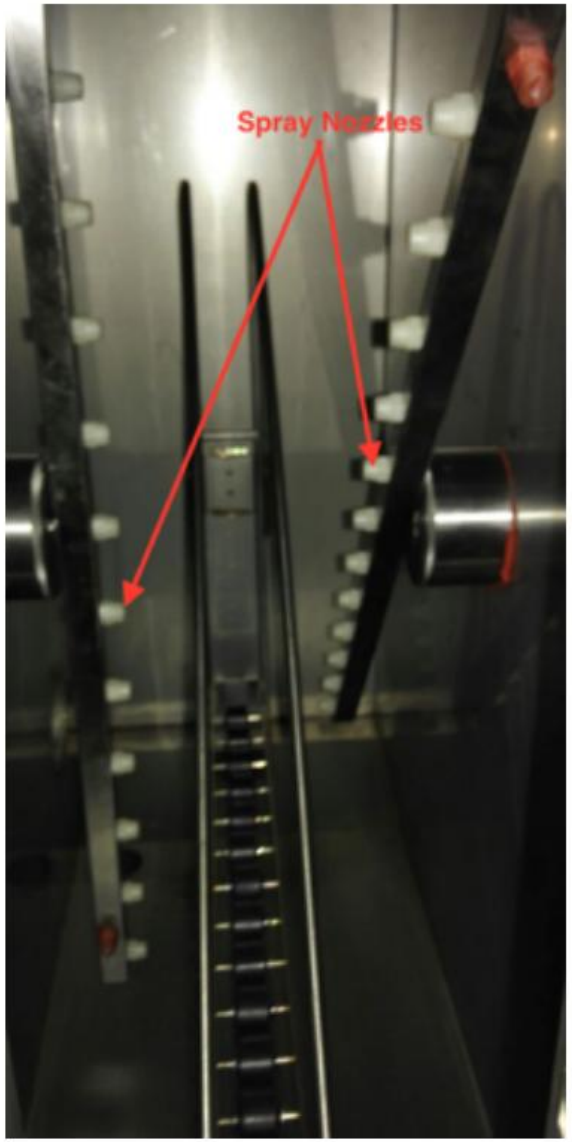


stencil for tin cream

Features:

- 1, No need electronic power, no fire and detonate caused.
- 2, Simple operation, only Start, Stop and Reset, that is all.
- 3, Protecting Environmental, water recycle.Also can use IPA, alcohol or hydrocarbons are allowed , we suggest to use environmentally friendly cleaning agent
- 4, Lower consumption: 2 filters (cost $40.00) can clean more 200 cycles.
- 5,The design of nozzle is low pressure and high flow , for drying methods , is normal temperature convection , without any damage for the stencil.
- 6,safaty and stablity, strong ability to clean,solvent- saving , small space occupied , full service





Cleaning Flow Chart

Press START

↓

Pump Pressure work

↓

Pump Liquid

↓

Liquid pass filter

↓

Spray nozzle work

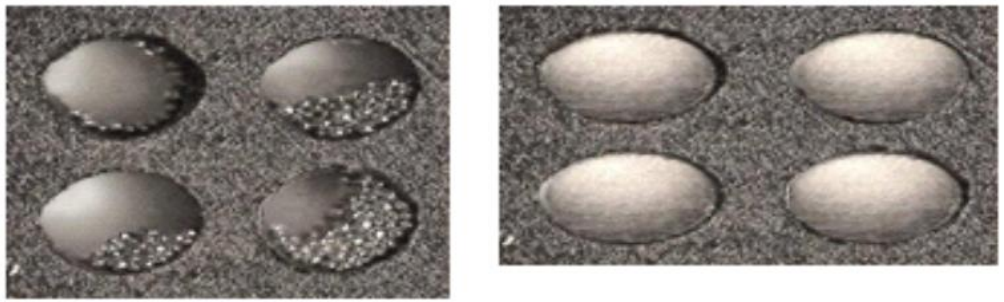
↓

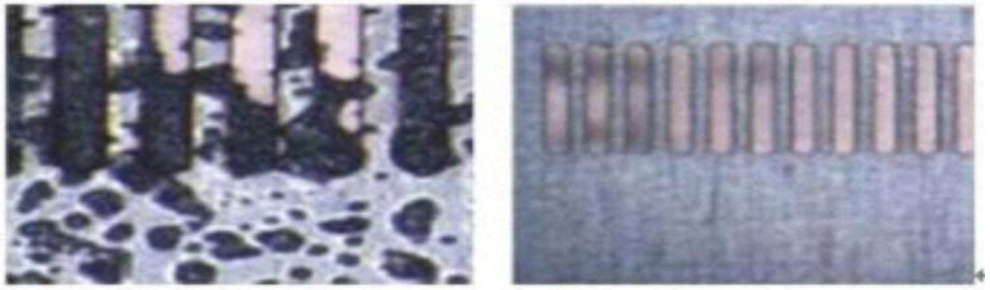
Cleaning Mesh

↓

2mm/1mm Filter

before and after cleaning





Before cleaning

After cleaning

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The main preparation：

Pneumatic timer (Germany FESTO)



- Pneumatic diaphragm pump (American Ingersoll rand)



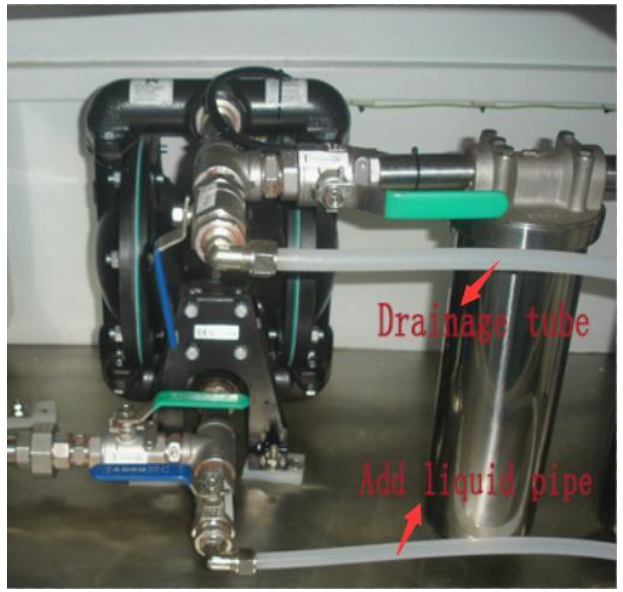


The handle (the United States - Southco)



Pneumatic switch, indicator light（Japan, SMC）





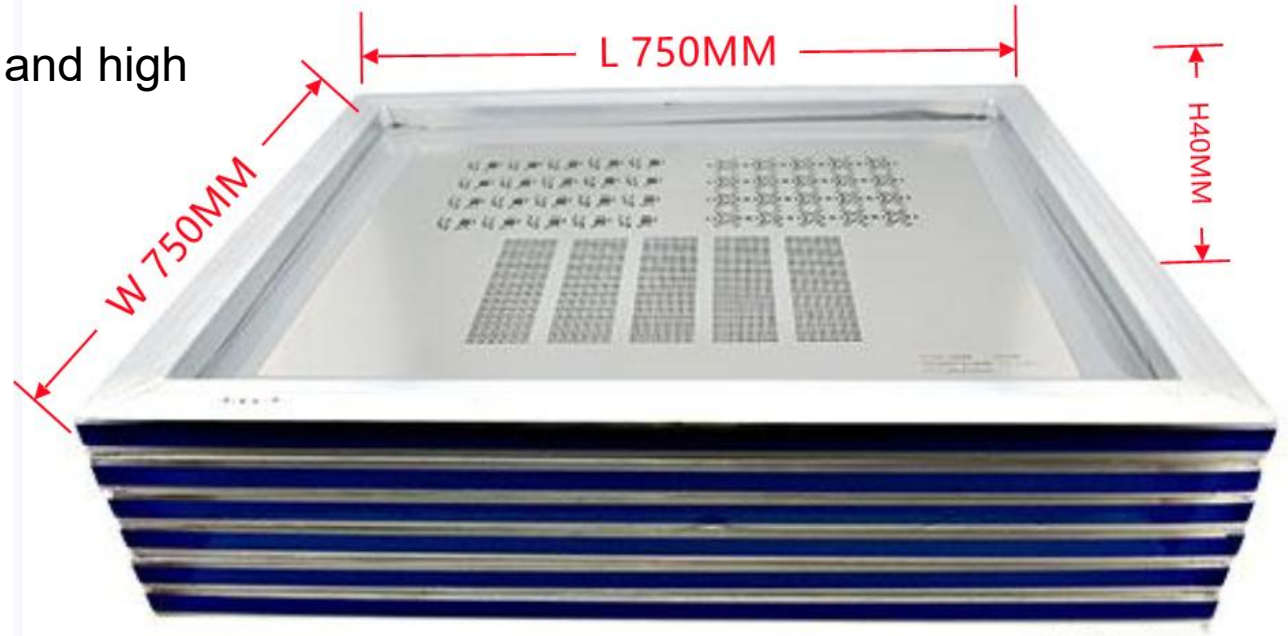
Automatic, drainage system, more conducive to the production of flexible management

Replaceable modularized controller and the quick insert design, maintenance, maintenance easy and convenient.



Add cleaning fluid (IPA, alcohol, general hydrocarbons can be, it is recommended to use kyzen water-based cleaning agent, environmental protection, safety).Best liquid capacity： 35L

Application stencil,glue screen ,copper screen
Application stencil size :750(L)x750(W)X40mm(H)
Clean liquid capacity :Max 50L ,Min 20 L
Cleaning fluid volume :40L
Cleaning mothed Rotary double side pressure injection and high pressure air praying :cleaning and drying
Clean time :2~4 min(stencil and copper net)
Rinse time :2~4 min(stencil and copper net)
Dry time: 2~5 min
External air supply: 0.4Mpa~0.6Mpa
Air consumption :400~600L/Min*2
Air outlet size :Φ125*25mm
Weight: 320Kg
Dimension: 800mm (L) × 950mm (W) × 1630mm (H)
Tin filter mothed Three class filter: (10μm, 5μm, 1μm)
Detergent: Kyzen Lonox L5611. Water-based cleaning solution and solvent cleaning solution



SMT Cleaning Machine



SCM800
Electric stencil cleaning machine



SCM-1688
Pneumatic stencil cleaning machine



SCM5200
Wave oven fixture cleaning machine



SCM55600D Offline PCBA cleaning machine



SCM220 Oline PCBA cleaning machine



SCM24 Nozzle cleaning machine

Mis-print PCB cleaning machine, Squeegee cleaning machine, reflow over cleaning machine…

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Screen printing cleaning machine—PCB，LCD，TP，film printing



SCM3100 Screen cleaning machine



SCM4100 Screen developing and stripping machine



SCM5100 Squeegee cleaning machine

PCB Bare board cleaner



Adhesive rolling cleaner



Brush+vacuum cleaner



PCB surface Cleaner Composite type

Y-620 Chopper PCB Separator

600 separator serial

Description

It is suitable for all kinds of electronic industry, which mainly solves the bad situation of products produced by manual breaking off.





Features

1. For internal strength generates during separation, Minimize it to value under 180uE,to avoid solder crack or component damage.
2. Able to separate edge of V-slot, minimum distance to component is 0.3mm,and max height of component is 60mm.
3. Free sanding on Blade when it is worn.life is over 6000000 times
4. Cutting speed is one cut per second, controlled by pneumatic foot-plate switch.
5. Blade activated negative, separation route and position in control safely
6. No rotation separation , no drive by motor, no carbon or dust pollution.
7. sepatation is not realized by friction, so no obvious metal residue left.
8. Air pressure 5 to 7 kg, no requirement on working environment, simple maintenance by anti-rust oil
9. SMT Production Line Guillotine type PCB Cutting Blade V-cut PCB Separator Machine

Specifications

Machine Size(L*W*H)	680x250x450 mm
Max cutting length	Max 330mm
Cutting Speed	80~500mm/S
Cutting thickness	0.3 to 3.5 mm
Working Voltage	230V/50H(110V/60Hz)
Machine Weight	130 kg
Max Height of component	60mm
Power	220VAC/110VA



Y-D509 Moveable V-cut PCB Separator with conveyor



Y-D502 LED Tube Separator (2.4M)



Y-D508 Moveable V-cut PCB Separator



Y-D505 Auto moveable cutting Separator

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- Dual-direction PCB Separator Equipment

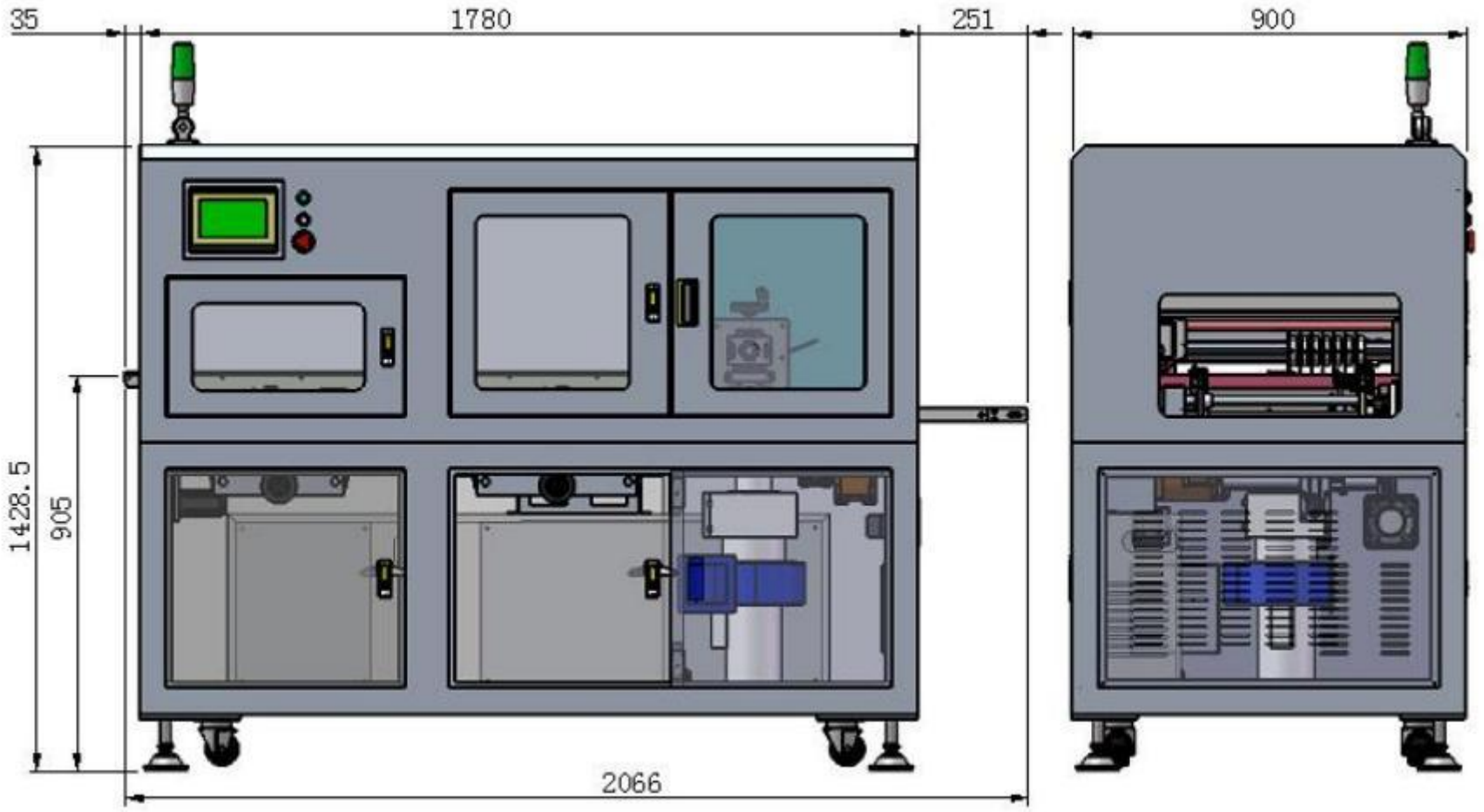


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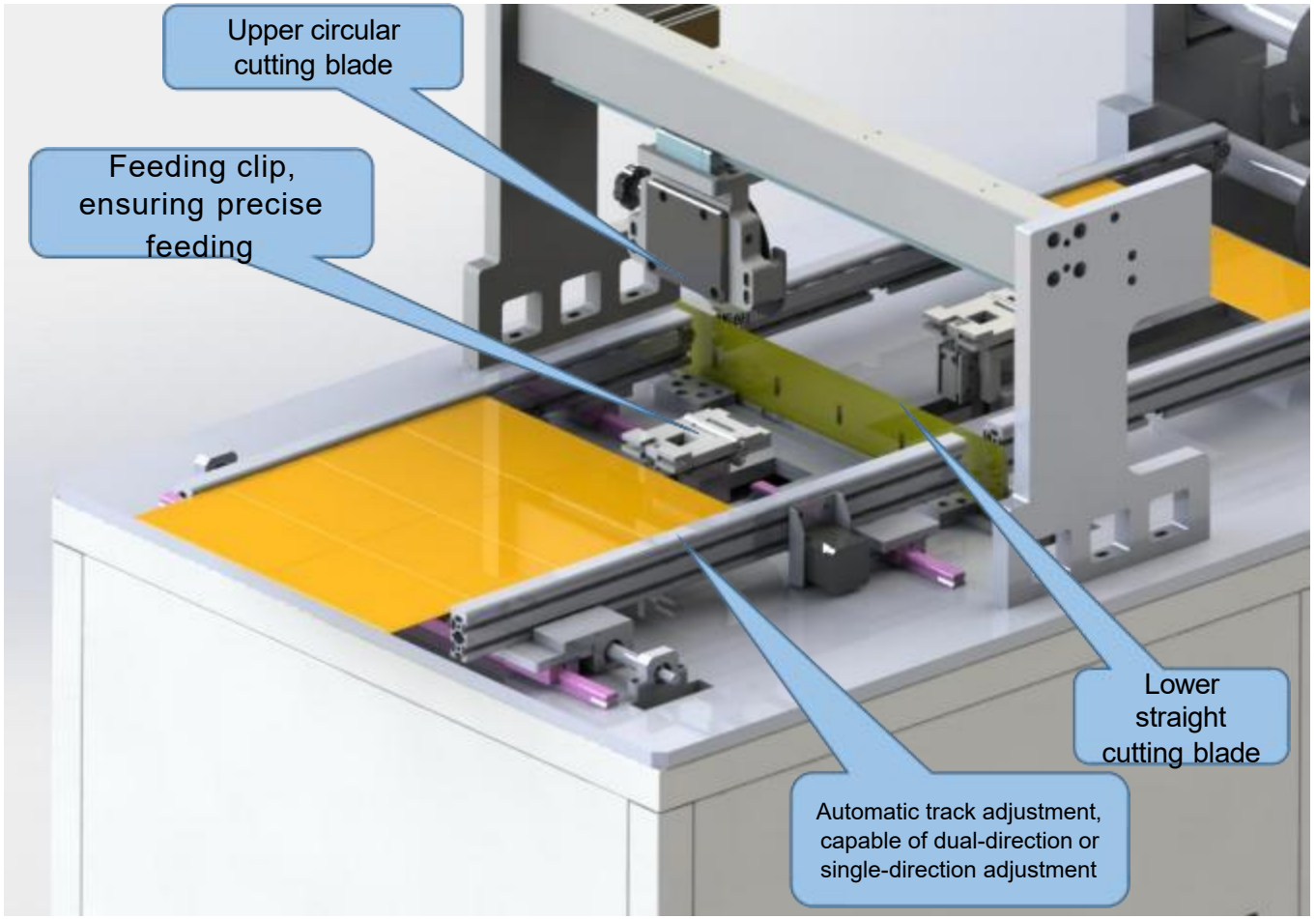
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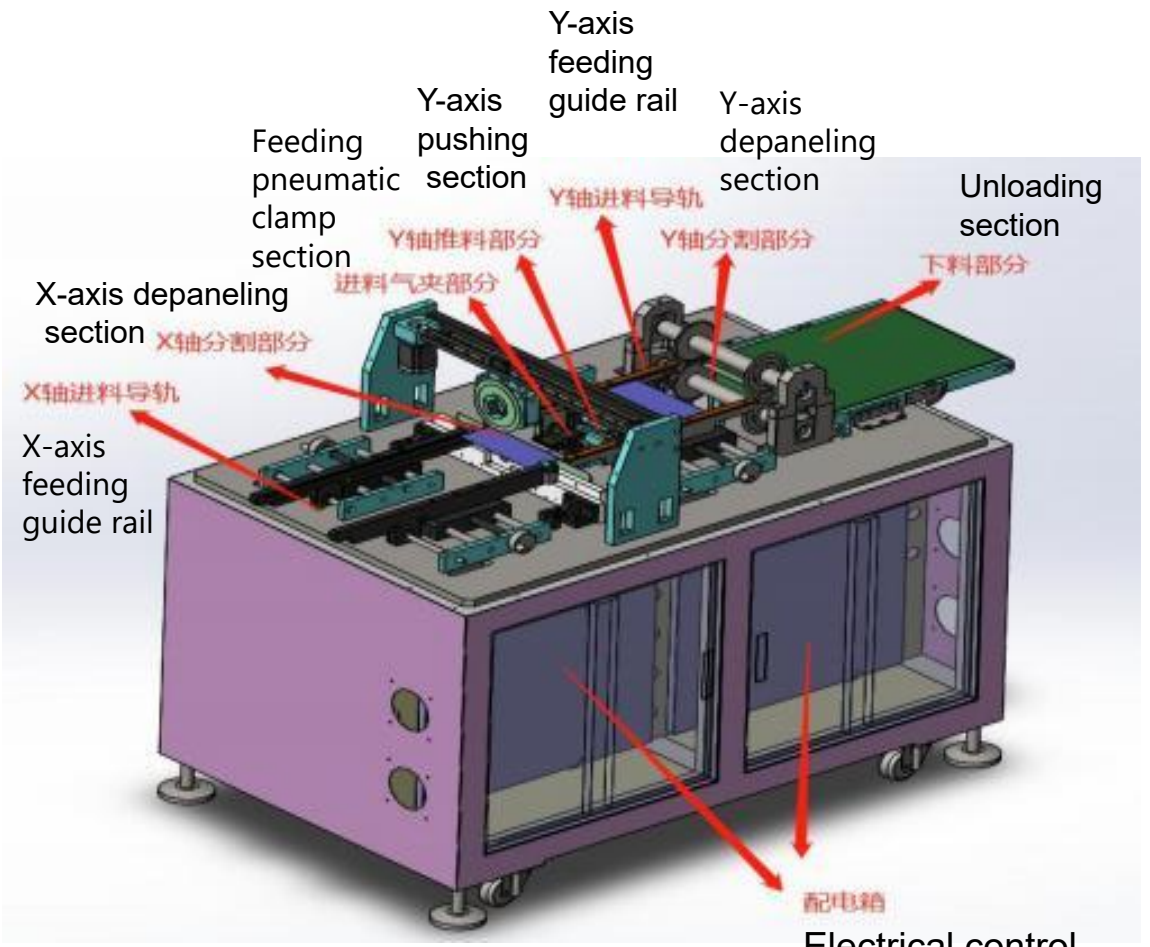
Main components:

Mitsubishi PLC , touch screen
Airtac cylinder
Hiwin guide rail
Omron sensor
Taiwan TBI ball screw
Panasonic servo



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Dividable panel product size: 75-350MM . Feed port height from ground 900mm±30mm

The rear discharge track is automatically adjustable.

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- **ONLINE FULLY AUTOMATIC SAW BLADE CUTTING MACHINE Y-H800A INTRODUCTION**



1 , The online fully automatic saw blade cutting machine further improves the quality of cutting; Can achieve automatic cutting in both X and Y directions, with fast and clean cutting of aluminum substrates, copper substrates, fiberglass boards, FR4 , etc.

2 , The cutting machine can be connected to the production line for automatic cutting, eliminating the need for manual pick and place of boards, the cut boards are transported to the next process through the production line, greatly saving labor and achieving unmanned operation

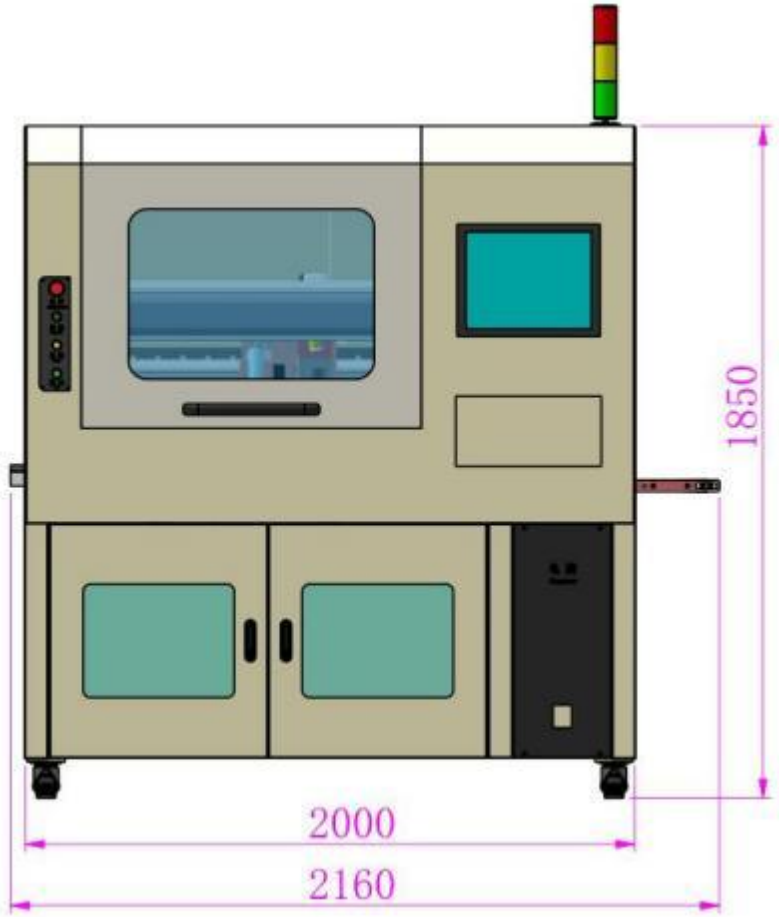
3 , when changing the machine type, simply replace the tooling and suction cup parts, without the need for manual adjustment of the tool, greatly saving time for changing lines.

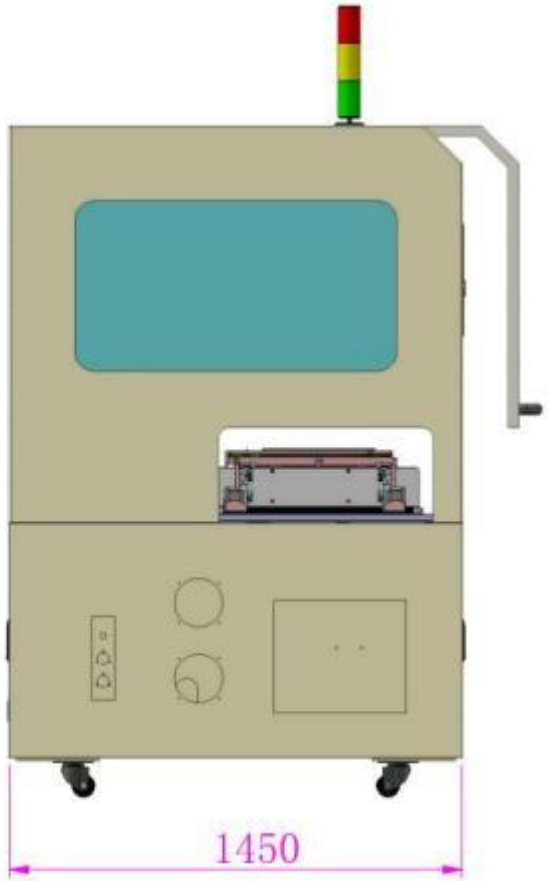
4 , the splitting board adopts fixture positioning, with fixtures dedicated to each product.

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ONLINE FULLY AUTOMATIC SAW BLADE CUTTING MACHINE

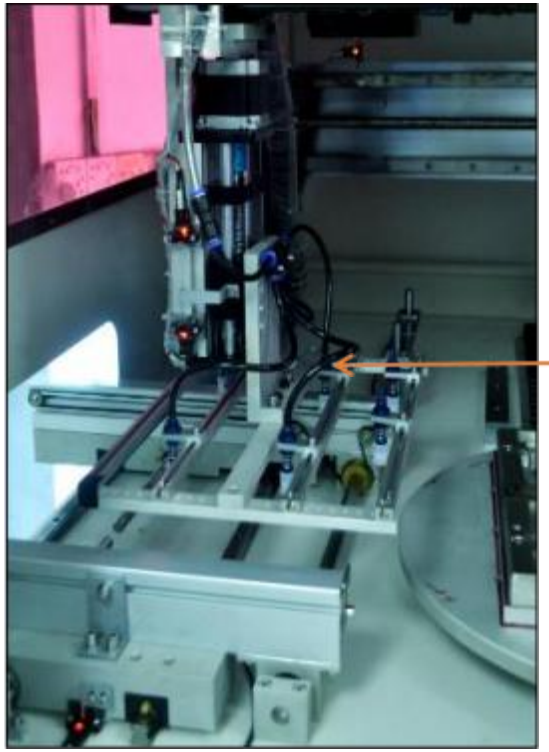




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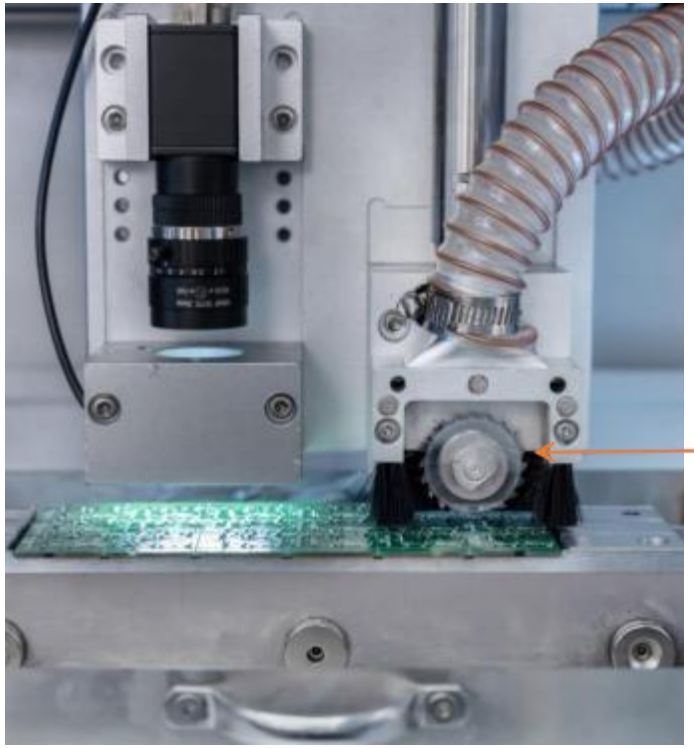
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ONLINE FULLY AUTOMATIC SAW BLADE CUTTING



Universal board loading and unloading device: can adjust position according to machine type, convenient and fast

Track feeding, height 900MM



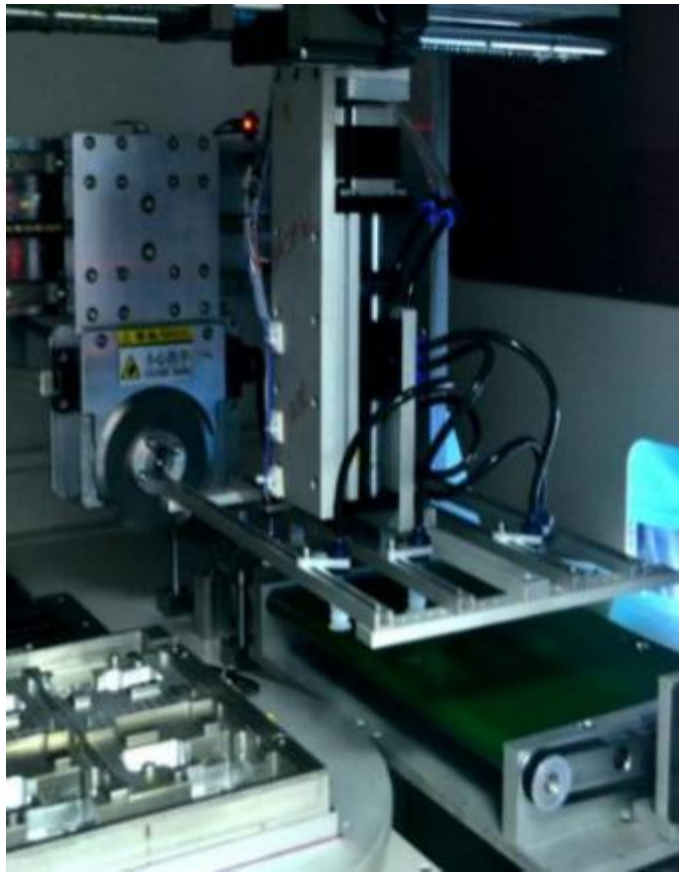
360 degree rotation of the control panel for saw blade splitting, minimal stress

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ONLINE FULLY AUTOMATIC SAW BLADE CUTTING





- Dual workstation alternate operation, increasing efficiency by 50%

- Universal unloading device: can adjust position according to machine type, convenient and fast
- Conveyor unloading

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Thank you

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