

# ASCEN factory cooperate price list (NO.000)




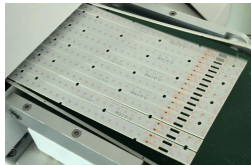
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To provide OEM serve and and producing standard /customized automatic equipment, specialize in SMT and automatic eletronic manufacturing solution. bend oneself to help the manufacturer Improve production efficiency and reduce more labor cost in the production . help our customer updated production solution to arrival smart production. and then further provide the market competitiveness of manufacturer's products

Note: the list will updated the product in every years ,every model will have some different according your requirement, some customize other automatic machine or automatic part , please sent the inquiry . when you confirm the model , Please confirm the machine detail with our sale engineer. and then will provide the best quotation from our system

Item 1	Description	Unit
<p><b>ASCEN high efficiency multi cutter V-cut machine 900 model</b></p>	<p>1)Model :ASC-900 machine (Manually versions)</p>	<p>1 set</p>
	<p>Model :ASC-900 machine (Online automation versions)</p> <p>2) Mitsubishi PLC control system import from Japan (online versions)</p> <p>3) LED TFT touch screen control panel (online versions)</p> <p>4) Standard SMEMA Port,with automatic cutting function and manually cutting mode (online versions)</p> <p>5) Max length of PCB: unlimited</p> <p>6) Thickness of plate: 0.3-3.0mm</p> <p>7) Speed: 300~500mm/second</p> <p>8) Blade material: import high precision steel with self-locking function</p> <p>9) Total 2 sets of cutter groups and Install 40 pieces high precision self-locking knife</p> <p>10) No include the PCB fixture</p> <p>11) The max cutting width : 240mm</p> <p>12) The minumum cutting small plate width: 8mm</p> <p>13) Operating temperature: 10-35 deg</p> <p>14) Storage temperature: -20-50 deg</p> <p>15) Power supply: 220V/50HZ</p> <p>16) Size of machine: 2500L*880W*1180Hmm</p> <p>17) Weight: 300kg, Packing weight :450kg</p> <p>18) Need extra customized the fixture according PCB sample</p>	<p>1 set</p>
  <p>Note:High efficiency and precision,mainly use for mass production. about 4 sec can finish one piece of PCB panel, one hours can outp,this machine can be customized to different solution according specific PCB sample</p>  	<p>Manual model refer video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/607.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/607.html</a></p>	
<p>Online model refer video:</p>	<p><a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/518.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/518.html</a></p>	

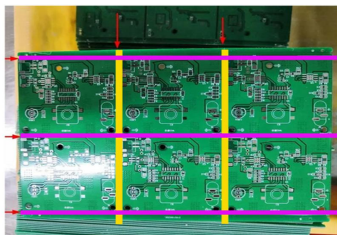
Note: Online versions can connect with automation SMT producing line, and also can be used by manual mode. Manually versions only use for manually feeding cutting.

	<p>1 piece import High precision self-locking spare blade (If your PCB sample has more V-cut quantity, you just need add more spare blade and install into machine)</p>	<p>1 piece</p>
<p><b>Item 2</b></p>	<p><b>Online PCB double direction PCB V-cut depaneling Model:ASC-850</b></p> <p>1) LED TFT touch screen control panel and programmable control system</p>	



- 2) Use high speed servo motor system and precision screw,high accuracy positioning.
- 3) Drive Method: Servo motor + precision guide rail
- 4) Max length of PCB: 200mm
- 5) Max width of PCB: 200mm
- 6) Speed: 300~500mm/second
- 7) Blade material: import high precision steel with self-locking function
- 8) Separating Principle: X direction separation according combination of components side circular blade and Soldering side lineal blade ,Y direction separation by self-locking knife,Stress control in 500-600uE,Effectively prevent solder joint breakage, improve the separation quality and efficiency of the board
- 9) Max cutting 10 V-cut at X direction and 6 V-cut at Y direction.
- 10) Can suitable for PCB with Max. 13mm height component
- 11) Equip conveyor device,can output to your line directly
- 12) Material of PCB: LED aluminium ,LED copper, CEM-1 ,FR4,
- 13) Operating temperature: 10-35 deg
- 14) Storage temperature: -20-50 deg
- 15) Power supply: 220V/50HZ
- 16) Size of machine: 2700L\*880W\*1480Hmm
- 17) Weight: 425kg, Packing weight :512kg
- 18) Need extra customized the fixture according PCB sample

Note:Equiped double direction cutting group,can satisfy for cutting X direction and Y direction at one times,High cutting efficiency,it can connect to the loader machine for fully automation online operation



Refer operation video:

[https://www.ascen.ltd/Products/PCB\\_depaneling\\_machine/1070.html](https://www.ascen.ltd/Products/PCB_depaneling_machine/1070.html)



High precision spare blade( one set include 1 piece of circle blade and 1 piece of 360mm length straight blade)

1 piece import High precision self-locking spare blade  
(If your PCB sample has more V-cut quantity on Y direction, you just need add more spare blade and install into machine)

### Item 3

### PCBA programmable V-cut separator Model : ASC-3500

1 set



- 1)With double station, use high speed servo motor system and precision screw
- 2)With high speed CCD automatic vision correction system
- 3)Automatic find the Mark point oof PCB panel,with high presision separation
- 4)Equiped with broken knife detection function
- 5)Equiped the electrostatic eliminator
- 6)Drive Method: Servo motor + precision guide rail
- 7)Mitsubishi PLC control system import from Japan
- 8)With On-line communication control module,increase output and input IO port for connect the robot operation
- 9)Cutting Speed : Max 100mm / S depends on the circuit board materials and cutting quality
- 10)PCB component height: Tip side: 15mm ,bottom side: 45mm
- 11)Max separation PCB size: 350\*300mm

Note: In-line Automatic PCB cutter machine and use for cutting the complex PCB board

- 12)Security Settings : machine emergency stop switch , emergency stop switch spindle , spindle motor servo motor overheating and overload detection
- 13)Cutting precision:+/-0.02mm
- 14)PCB separation thickness: 0.5mm-3mm
- 15)Positioning accuracy: +/-0.01mm
- 16)Operating System: Windows 10
- 17)Man-machine interface: Touch screen industrial Monitor + keyboard+ Mouse
- 18)PCB loading /unloading way: manual/ connect robot arm
- 19)With independent programming unit
- 20)With one set of import spare blade
- 21)With two set of high precision custom fixture for PCB
- 22) With independent vacuum Cleaner system
- 23) Machine size: 1810\*1680\*1735mm, weight: 532kg

double station version video:

[https://www.ascen.ltd/Video\\_Channel/PCB\\_depaneling\\_machine/791.html](https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/791.html)

robot online version video:

[https://www.ascen.ltd/Video\\_Channel/PCB\\_depaneling\\_machine/793.html](https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/793.html)

**Item 4**

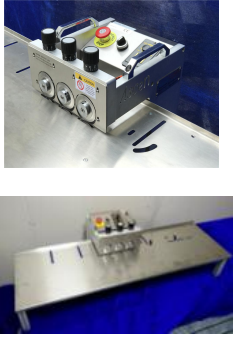
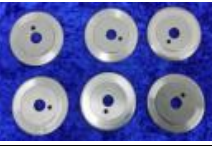

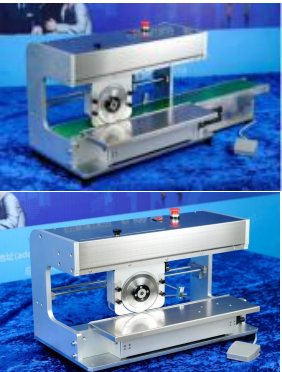
desktop type PCBA programmable V-cut separator model: AS-2A/3A/4A



- 1)Spindle speed : 60000r / m
- 2)Machine size : 940 \* 850 \* 920mm
- 3)Circuit board thickness : 0.4mm-4mm
- 4) PCB size/Model: 200X200X70mm (2A)  
PCB size/Model: 350X350X100mm (3A)  
PCB size/Model: 400X400X100mm (4A)
- 5) Accuracy:+/-0.02mm
- 6)Drive Method: Servo motor + precision guide rail+ball
- 7)X, Y, Z axis drive platform adopts precision ball screw with servo motor.With high-speed, high reliability, high stability of the transmission and control
- 8)Microcomputer intelligent control system
- 9)Cutting Speed : Max 100mm /S depends on the circuit board materials and cutting quality
- 10)Packing weight: 192kg
- 11)Configuration : X, Y, Z -axis stroke : 300X300X80mm, stroke can also be customized .
- 12)Security Settings : machine emergency stop switch , emergency stop switch spindle , spindle motor servo motor overheating and overload detection
- 13)Suitable for Max. PCB component height: 70mm
- 14)Programming mode: software programs automatically after inputting the drawing data, Manual custom drawing programming
- 15)Voltage: 220V/50Hz(or 110/60Hz)
- 16)With independent programming control unit
- 17)With 10 pieces of import spare blade
- 18)Need extra equip one set of high precision custom mould for PCB example



Note: the equipment has different specification according different PCB size

<p>Machine refer video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/490.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/490.html</a></p>	<p>19)Equip independent vacuum cleaner system</p>	
<p><b>Item 5</b></p>  <p>Machine refer video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/491.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/491.html</a>  customized version video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/150.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/150.html</a></p>	<p>Model :ASC-710 machine (with 1.2M platform)  Model :ASC-720 machine(with 2.4M platform)</p> <p>1) Size of machine: 425L*280W*410Hmm  2)Size of platform:  1200L*506W*80Hmm (1.2M platform) , 2400L*506W*80Hmm (2.4M platform)  3)Max length of PCB: unlimited  4) Material of PCB: LED aluminium ,LED copper ,FR4,  5)Speed: 80~400mm/s  6)Thickness: 0.2-3.0mm  7)Voltage:220V/50HZ,40W (110V/60Hz 40W)</p>	<p>set  set</p>
	<p>700N series high-precision import spare blade  (6 pieces as one set)  Note: Blade life is 300-400km, about keep using for 6-7month/set</p>	<p>set</p>
<p><b>Item 6</b></p> 	<p>Model :ASC-502 machine (with 1.2M platform)  Model :ASC-503 machine (with 2.4M platform)</p> <p>1) Size of machine: 425L*280W*410Hmm  2)Size of platform:  1200L*506W*80Hmm (1.2M platform) , 2400L*506W*80Hmm (2.4M platform)  3)Max length of PCB: unlimited  4) Material of PCB: LED aluminium ,FR4, CEM-1, fiberglass  5)Speed: 80~400mm/s  6)Thickness: 0.2-3.0mm  7)Voltage:220V/50HZ,40W (110V/60Hz 40W)  High precision spare blade( one set include 2 piece blade)</p>	<p>set  set</p>
<p><b>Item 7</b></p>  <p>508 model video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/1066.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/1066.html</a>  509 model video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/785.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/785.html</a>  customized version video: <a href="https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/1023.html">https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/1023.html</a></p>	<p>Model :ASC-508/509 machine</p> <p>1) 508 model without conveyor:L620*W400*H430 mm  1) 509 model with conveyor : L1040*W400*H430 mm  2)Max length of PCB: 350mm  3) Material of PCB: LED aluminium ,LED copper ,FR4,  4)Speed: 300,500mm/s  5)Thickness: 0.2-2.5mm  6)Voltage:220V/50HZ,40W (110V/60Hz 40W)  7)Packing Weight: 62/74kg  8)508 model packing weight:75kg  509 model packing weight: 84kg</p>	<p>set  set</p>



Fully auto version video [https://www.ascen.ltd/Video\\_Channel/PCB\\_depaneling\\_machine/1064.html](https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/1064.html)



High precision spare blade( one set include 2 piece blade)

set

**Item 8**



Pneumatic guillotine type



Machine refer video: <https://www.ascen.ltd/Blog/Solutio/493.html>

**Pneumatic type PCB separator: 620 model**

Set

- 1) Max length of PCB: 355mm
- 2) Thickness of plate: 0.3-3.5mm
- 3) Speed: 300~500mm/second
- 4) Blade material: import Japanese high precision steel
- 5) Operating temperature: 10-35 deg
- 6) Storage temperature: -20-50 deg
- 7) Power supply: 220V/50HZ, 25W
- 8) Size of machine: 705mm\*266mm\*471mm ( L\*W\*G)
- 9) Material of PCB: LED aluminium ,LED copper ,FR4,
- 10) Packing Weight: 246kg

High precision spare blade( one set include 2 piece blade)

Set

**Item 9**



Note:Punching type PCB cutter machine for cutting the complex PCB board

Machine refer video: [https://www.ascen.ltd/Video\\_Channel/PCB\\_depaneling\\_machine/761.html](https://www.ascen.ltd/Video_Channel/PCB_depaneling_machine/761.html)

**PCB punching separator :AS-8T/10T**

- 1)FPC/PCB Sub-plate mold punching Machine
- 2)Maximum output : 8T
- 3)Maximum output : 10T
- 4)Output method: Vapor-Liquid supercharged
- 5)Work: manual handling of materials, lower die automatic access
- 6)Start: hands control
- 7)Work area : 330 x 220mm
- 8)Packing weight: 462KG/566kg
- 9) No include the fixture(need customize the fixture via PCB)

**Item 10**



Note: Use for recycling the oxides which occur during working of the wave soldering machine,in order to reduce production cost,create a greener environment and assist the quality process, can

**ASCEN automatic solder dross separation system: A10MS model**

- 1)Use special stirring system to melt the tin residues in the tin container and separate tin and ash in the separation container by the high speed of screw rotation
- 2)Button controls, digital temperature control sheet, accurate temperature control.Automatic separation of tin and tin ash,into the tin and tin-ash collection device.Suit for energy saving,safy and econ-friendly requirement.
- 3)Highly effective recycling of the solder waste, up to 90% yield
- 4)Ability: 100KG-120KG/8H
- 5)All-stainless steel tank, clean convenience.316 grade stainless mixing bowl with an 70kg capacity with heating power for complete mixing
- 6)With heat insulation prevention mesh controls the machine outside temperature within 45°C, which is avoid operator to be hurt.
- 7)With dross automatic feeding system, automatic feed screw,Small size, light weight, move convenience

process 100-120kg solder in 8 hours.

- 8) Tin Bar/ash: Separated pure tin goes into a cabin, when it reaches a certain volume, the alarm system turns on to inform discharge. Equipped with 1 sets molding tray. Ash goes into collection box, equipped with 2 boxes
- 9) Feeding gate:  $\leq 10\text{kg}$  dross\*2 (total 2 feeding inlet)
- 10) Mixing motor: 1 $\phi$  220V 90W/110V 90W
- 11) Mixing Capacity of Bottom Tin: 70kg
- 12) Temperature Scope: 0-350°C
- 13) Heating-up time: 60 min
- 14) Separation speed: Continuous 15kg/60min
- 15) Dimension : L1320\*W920\*H1250mm
- 16) Total Power Consumption: 4.3KW
- 17) Normal running power: 1.2KW
- 18) Weight: 245kg

Operation video refer link: [https://www.ascen.ltd/optical\\_inspection/1048.html](https://www.ascen.ltd/optical_inspection/1048.html)

**Item 11**



Note: Use for recycling the oxides which occur during working of the Wave Soldering Machine, in order to reduce production cost, create a greener environment and assist the quality process, can process 40-50kg solder in 8 hours.

**ASCEN automatic solder dross separation system: A09F model**

- 1) Use special stirring system to melt the tin residues in the tin container and separate tin and ash in the separation container by the high speed of screw rotation
- 2) Button controls, digital temperature control sheet, accurate temperature control.
- 3) Highly effective recycling of the solder waste, up to 90% yield
- 4) All-stainless steel tank, clean convenience. 316 grade stainless mixing bowl with a 10kg capacity with heating power for complete mixing
- 5) With dross automatic feeding system, automatic feed screw, Small size, light weight, move convenience
- 6) Electronic liquid level alarm, manually put tin. Automatic separation of tin and tin ash, into the tin and tin-ash collection device.
- 7) Mixing motor: 1 $\phi$  220V 90W / 110V 90W
- 8) Mixing Heating Power: 1.6KW
- 9) Mixing Capacity of Bottom Tin: 10kg
- 10) Temperature Scope: 0-350°C
- 11) Heating-up time: 50 min
- 12) Feeding time: Continuous 3-4kg/15min
- 13) Dimension : L820\*W780\*H850mm
- 14) Total Power Consumption: 1.8KW
- 15) Normal running power: 0.4KW
- 16) Weight: 145kg

Operation video refer link: [https://www.ascen.ltd/optical\\_inspection/1048.html](https://www.ascen.ltd/optical_inspection/1048.html)

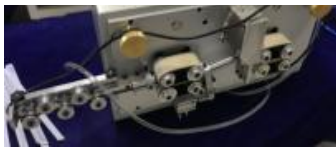
**Item 12**



**wire stripping machine**

Set

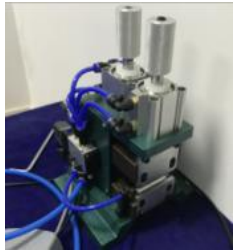
- 1) Size of machine: 650L\*650W\*500Hmm
- 2) Max length of PCB: unlimited
- 3) Stripping length:  
Front end: 1-100mm  
Back end: 1-50mm



- 4) Air pressure: 4-6kg/f
- 5) Wire Diameter : 0.5-5mm
- 6) Cutting error range: +/-0.2mm
- 7) With intelligent control device system, key operation, stable performance, high precision, fast speed, easy to operate.
- 8) Can use for the wire with multi core of cable, 8 wheel control and can process 2 wire at the same time and with the stripping function.
- 9) Voltage: 220V/50HZ
- 10) Packaging Weight: 152kg

Note: this type wire stripping machine include different configuration for different type wire.

<b>Skinning machine</b>	<b>Set</b>
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- 1) Size of machine: 400L\*350W\*400Hmm
- 2) Max length of PCB: unlimited
- 3) Air pressure: 4-6kg/f
- 4) Wire Diameter : 0.5-8mm
- 5) Cutting error range: +/-0.2mm
- 6) skinning length via the fixture
- 7) Packaging Weight: 22kg

**Item 13**

**Model: 809U/ 809F**



**Model: 808UK/ 808FK**



**Model: 810UK/ 810FK**



**Automatic bending cutter equipment**

- 1) Model 1: 809U machine (use for bending form 2)
- 2) Model 2: 809F machine (use for form 1)
- 3) Model 3: 808UK machine( use for bending form 3)
- 4) Model 4 : 808FK machine (use for bending form 4)
- 5) Model 5 : 810UK machine (use for bending form 3 in loose packages)
- 6) Model 6 : 810FK machine (use for bending form 4 in loose packages)
- 7) Processing efficiency: 7200pcs/ hour
- 8) Safe and strain-free handling of the components by bending rolls with adjustable pressure
- 9) Use high precision imported knife
- 10) Bending angle adjustable
- 11) Repetitive accuracy of parameters ± 0.05 mm
- 12) Tools are driven by cam discs
- 13) PLC control axial processing system
- 14) Electric drive with tooth belt
- 15) Power: 220V AC 50Hz
- 16) Size: L 450\*W 310\* H 250mm (809U/809F model) L800\*W 600\*H 650mm (808UK /808FK model) L900\*800\*1100mm(810UK/810FK model)
- 17) Weight: Approx. 32kg(809U/809F model) approx. 128kg(808UK/808FK model) Approx 158kg(810UK/810FK model)
- 18) With one sets of high precision mould

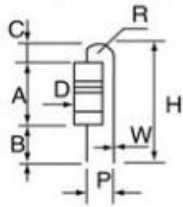
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Note: this model use for axial component forming

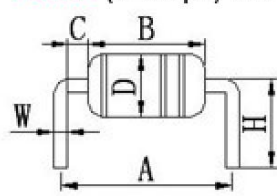
detail refer link:

[https://www.ascen.ltd/Products/Component\\_lead\\_forming\\_machine/](https://www.ascen.ltd/Products/Component_lead_forming_machine/)

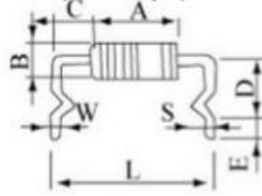
**Form 1 (F shape)-809F**



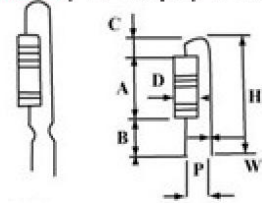
**Form 2 (U shape)-809U**



**Form 3 (UK shape)-808UK**



**Form 4 (FK shape)-808FK**



**Item 14**



**automatic screw locking machine  
model: HY-C1 (not include feeder)**

1 Set

**Can customize double station or add rotate fixture**

- 1) Working area: 400\*400\*100mm (customizable)
- 2) Screw locking efficiency: <1.2s/screw
- 3) Positioning accuracy: +/- 0.02 mm
- 4) Program recording mode: 100 set, 4000 points (USB RS232 port support copy)
- 5) Display model: touch screen
- 6) Motor system: Japan precision micro-stepper motor
- 7) Drive mode: timing belt + screw rod + guide rail
- 8) Power: AC110V/220V 650W (internal switch)
- 9) Air supply: 0.4-0.8Mpa
- 10) Control: PLC control system
- 11) Working environment Temperature: 5-40°C
- 12) Suite screw model : M1.0-M6.0 with 5-16mm length
- 13) take and place the PCB board by hand
- 14) Weight: 108kg

Adsorption type screw Feeder



**Air blowing type screw Feeder**



15) with adsorption type screw feeder and running head (choose)

1 Set

15) with adsorption type screw feeder and running head (choose)

1 Set

**Item 15**

**Customize Double Stations working soldering machine**

1 Set



- 1) Working Range: 300\*300\*100mm (X\*Y\*Z)
- 2) X / Y / Z axis move speed (mm / sec):  
X, Y 500-800MM / S, Z 400MM / S
- 3) Drive Method: precision stepping motor + synchronous belt / Servo motor + precision guide rail (optional)
- 4) Soldering Temperature range: 0-550°C
- 5) Diameter of Tin Thread: 0.4-1.6mm
- 6) Soldering Method: Point Soldering / Drag Soldering
- 7) Temperature Control Accuracy: +/- 1°C
- 8) Power Voltage: 700W, 220V/50Hz
- 9) Heating Power: 150W
- 10) Machine Weight: 112kg

**Item 16**

**Customize double stations working PCB glue dispenser**

1 Set

- 1) Working Range: 300\*300\*100 (X\*Y\*Z)
- 2) X / Y / Z axis move speed (mm / sec):  
X, Y 500-800MM / S, Z 400MM / S





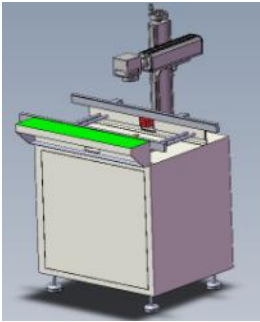
- 3) Drive Method: precision stepping motor+synchronous belt / Servo motor + precision guide rail (optional)
- 4) Resolution: 0.001mm/ axis
- 5) Control method: Point to point & Continuous
- 6) Program capacity: At least 100 group, 400 points per group
- 7) Power Voltage: 1200W , 220V/50Hz
- 8) Machine Weight: 98kg

Note: glue dispenser include different configuration for different PCB board.

**Item 17**

**customize automatic PCB laser Marking conveyor system**

1 Set



- 1) With thick sheet metal rack, sedate solid
- 2) Using T screw to adjust the width smoothly
- 3) Standard SMEMA, can marking QR code. word and so on
- 4) With industrial computer control system to edit label
- 5) width control: 50~400mm and speed control
- 6) with 2 sensors in exit and the entrance
- 7) with sensors control and cylinder fixation for marking
- 8) Transport Height: 920±20mm
- 9) Direction from left to right or right to left(option)
- 10) Max PCB size: (50\*50)~(500\*400)
- 11) External dimension: L580 \*W860\*H930mm, Approx 168kg

Using for marking the PCB board on your line

**Item 18**

- 1) **480VR:** maximum cutting width 480mm
- 380VR:** maximum cutting width 380mm

1 set  
1 set

minimum cutting length: 70mm  
cutting thickness: 0.8-3.2mm  
Speed: 8m/min



- 2) Voltage: 220V/50HZ Machine Size: 1220\*960\*1230
- 3) Weight: 282kg Packing weight: 355kg
- 4) Application: LED panel, fiberboard, aluminum plate, aluminum substrate, copper substrate, FR4, glass fiber board
- 5) with cooling System
- 6) with 1 pairs of cutter shaft and 5 pairs of plastic shaft、 4 pieces of spare knives and some tool
- 7) Notice: you should allocate the amount of knives according to the amount of v-slot. a group of knives just use for a v-slot, and a group of knives includes an upper and a lower knife.

Note: use for making the V-cut on your PCB panel



Spare blade (high-precision import spare knife)

1 piece

**Item 19**

**semi-automatic PCB printer equipment**

- 1) Dimension : 850×670×1550mm (S400 model)  
Dimension : 1000×670×1550mm (S600 model)  
Dimension : 1650×670×1550mm (S1200 model)
- 2) platform size: 320\*500mm / 320\*600mm/320\*1300mm
- 3) Max PCB size : 280\*400mm/280\*550mm/280\*1250mm
- 4) Printing speed: 0-8000mm/min

set  
set  
set



- 5)PCB adjustable range: Front/side±10mm
- 6)Print table height: 850±20mm
- 7)Repeat accuracy: ±0.01mm
- 8)PCB fixed system:outside/Reference hole
- 9)Packing size:L2150\*W960\*1000mm
- 10)Approx packing weight: 486kg



- 1) Size of product: 300mm (stainless steel material)
- 1) Size of product: 400mm (stainless steel material)

set

set

**Item 20**

**full-automatic online PCB printer: G101 model**

set



- 1)Screen frames: 737\*737mm(min size), 1100\*850mm(Max size), thickness: 12-40mm
- 2)PCB Max size: 850L\*510mmW
- 3)PCB Min size: 100L\*65mmW
- 4)PCB thickness: 0.4-8mm
- 5) PCB warpage: Max 1%
- 6) Transport Height: 900+/-40mm
- 7)Transport Direction: L to R / R to L / L to L/R to R
- 8)Transport Speed: 1500mm/s(max) and program control speed
- 9)Transport way: One stage
- 10)Conveyor width adjustment: auto adjust
- 11)PCB location: the Support system use magnetic Pin / Support Block / Automatic Up-down table. the clamping system use side clamping /Vacuum Nozzle
- 12)Print head: Two independent motorised printheads
- 13)Squeegee Pressure: 0.5-30kg (program control)
- 14)Print Speed: 5-150mm/ sec
- 15)Print Mode: one/ Twice printing
- 16)Cleaning system: Roller ethanol daub device, dry,wet,vacuum three modes
- 17)CCD FOV: 8\*6mm
- 18)Machine adjustment: X: +/-10mm, Y:+/-10mm,
- 19)Vision system: Look Up/ Down Optics Structure/CCD/ Geometry Pattern-match
- 20)Control Method: PC control
- 21) Machine Dimensions: 1600L\*1550\*1550mm, 1500kg

**Item 21**

**Full automatic Welding repair system**

set

**Include :ASR500I technical parameters**

- 1) Test the PCB board after wave soldering
- 2)Inspection Items  
Component Test: Missing part, reversed, misalignment, clubfoot of AOI component, wrong part (OCV), wetting, excessive glue, damaged  
Soldering Test: Overflow, insufficient, mounting on side, billboard, bridge, pseudo soldering, lifted leads, soldering after solder wave(including DIP)



3)Special Functions:Read barcode automatically ,multi boards and multi programs test, two sides of programs test

4)PCB Size : 50×50mm(Min)~510×460mm(Max)

**Inlcude :ASR500H Selected Coating Preheating**

1)Spray Feature : Nozzle imported via Germany, high precision and reliability, available for spot spray and line spray

2)PCB Size :50×50mm(Min)~510×460mm(Max)

3)Maximum PCB Weight : 15kg

4)Conveyor System: Bottom-up fixed, Automatic compensation to avoid PCB distortion, auto-load and unload, roller conveying, adjust the width automatically

5)Equipment Communication: Smema or extensible Smema agreements

**Include: ASR500S Soldering Module**

1)Soldered Board : Repair after solder wave

2)Repair Method : Spot soldering and drag soldering

3) Program Mode : Manual programming, auto programming, CAD input automatically correspond to component library.

4)Inspection Items : Overflow, insufficient, mounting on side, billboard, wrong part, pseudo soldering, lifted leads, solder balls, pin plug

5)PCB Size: 50×50mm(Min)~510×460mm(Max)

6)Conveyor System : Bottom-up fixed, Automatic compensation to avoid PCB distortion, auto-load and unload, roller conveying, adjust the width automatically

**Item 22**

**high precision Auto online label pasting equipment : X3 model**

set



1)Control System: invudtrial personal computer with LCD control panel.

2)X/Y/R/Z axis device system with high performance Panasonic servo Motor

3)X Y control model: Full closed loop control mode

4)Placement Speed: 2400 PCS/Hour

5) Accuracy:+/-0.09mm

6)Placement head: Dual placement Head

7)Resolution of R-Axis: 0.01/Pulse

8)Programming: Visual programming in line and off line

9)Top CCD camera: auto identify mark point,auto adjust position

10)Base CCD camera: auto identify part and pick up position

11)Feeder Slot: 2

12)Transfer System: conveyor

13)Conveyor High: 910+/-30mm

14)Direction: L to R or R to L

15)PCB max size: 50\*50-330\*330mm




16) Suitable Label size: 4\*4-60\*60mm with different color

17)suitable PCB thickness: 0.4-8mm

18) with Standard SMEMA port

19) Air: 0.6 MPA+/-0.1

Using for auto label paste on FPCB/PCB board in SMT line

	<p>20)Power:2500W</p> <p>21)Wight: 1000kg</p> <p>22)Dimension: L1100*W1250*H1450mm</p>	
<p><b>Item 23</b></p>  <p>Suitable for high-density FPC / FFC and PCB hot welding production process</p>	<p><b>Double head PCB hot bar machine</b></p> <p>1) intelligent man-machine interface, PLC control system, the equipment is stable and reliable.</p> <p>2) the use of titanium alloy head, after high temperature end surface deformation is not easy, to ensure production quality</p> <p>3) rotating turntable table, pulse heating, can be sub-set temperature, real-time display of temperature curves.</p> <p>4) The program can store 20 set of parameters, and set the password protection, the system self-test, fault alarm display.</p> <p>5)dual-pressure head, four stations on four imaging alignment system to ensure that products on the position clear, and accurate.</p> <p>6)Working environment: 10-60 °C, 40% ~ 95%</p> <p>7)Heating settings: a to four paragraphs</p> <p>8)Temperature settings: RT ~ 450 °C</p> <p>9) pressing time: 1 ~ 99 s</p> <p>10)Hot accuracy: ± 0.02mm</p> <p>11) indenter Size: Max: 70mm (according to customer products produced indenter)</p> <p>12)bonding pressure range Min 2 --- Max 40 kg</p> <p>13)Dimensions: 850mm (L) × 850mm (W) × 1440mm (H)</p> <p>14) Weight: about 369Kg</p>	
<p><b>Item 24</b></p>  <p>Using for cutting PCB foot</p>	<p><b>Automatic PCB lead cutter</b></p> <p>1) Size of machine: 900L *670W*800H mm</p> <p>2)Max PCB working size: 500L*300W mm Min.lead height: 1.0mm min</p> <p>3)Feeding Speed: 0-3 M adjustable</p> <p>4) HP :3/4 HP</p> <p>5)RPM of Spindle: 4500</p> <p>6)include one set of blade in the machine</p> <p>7)Power: 220V 50/60 HZ</p> <p>Packing Weight: 162KGs</p>	<p>set</p>
<p><b>Item 25</b></p> 	<p><b>AGV car</b></p> <p>1)Smart cooling system, you can cool the carrier going through the oven.</p> <p>2)Ergonomic design to lower labor intensity</p> <p>3)reduce the quantity of carries to save cost</p> <p>4)machine size: L750mm*W460mm*H510mm</p> <p>5)loading capacity: ≅50KG</p> <p>6) model: HY-50A</p> <p>8)Min turning radius: ≧900mm</p> <p>9)Linear guide accuracy:± 10mm</p>	<p>set</p>
<p><b>Item 26</b></p>	<p><b>1.2M LED Bare board loader (vacuum pick up type)</b></p> <p>1)Include pass-through function, can as the conveyor</p>	<p>Set</p>





video link:

- 2) External dimension: L1350\*W1185\*H1680mm
  - 3) PCB Size: L1200\*W390MM
  - 4) PCB volume: 100 PCS
  - 5) Transport Height: 900 ±30mm
  - 6) Direction from left to right or right to left(option)
  - 7) Air press: 4-6 bar
  - 8) PLC control system
  - 9) LED TFT touch screen control panel
- [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/138.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/138.html)

**Item 27**

**Standard PCB cleaner**

Set



- 1) PLC control system
- 2) LED TFT touch screen control panel
- 3) PCB Size: 50\*50mm - 350\*330mm
- 4) External dimension: L600mm\*W980mm\*H1200mm
- 5) Transport speed: 0-17.5M/min
- 6) Direction from left to right or right to left(option)
- 7) Using the electrostatic dust precipitator, auto induction and release the positive and negative ions
- 8) with the anti-static brush to clean

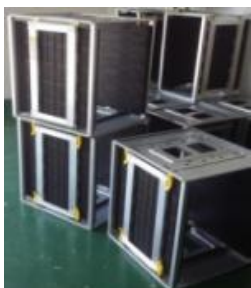
**Item 28**

**Standard PCB loader equipment HY-250LD/330LD/390LD**



- 1) LED TFT touch screen control panel
- 2) Mitsubishi PLC control system import from Japan
- 3) With intelligent acceleration and deceleration functions, with shorter magazine change-over time (less than 20 sec)
- 4) Use high precision ball screw and high speed motor drive system, lifting running without noise and mute
- 5) Equipped with multiple safety alarm devices, intelligent alarm to prevent misoperation,
- 6) Four step pitches selection (10、20、30、40mm)
- 7) Component height: Top 30mm, bottom 30mm (depends on pitch)
- 8) Direction from left to right or right to left
- 9) Standard SMEMA and American standard power interface
- 10) Maximum load: 50kg
- 11) Max. PCB capacity: 50 pieces
- 12) Total 3 magazine capacity: 1 magazines on the lifter platform, 1 empty magazines on the upper conveyor, 1 full magazines on the lower conveyor
- 13) Voltage: 110V/50HZ
- 14) Transport Height: 920±20mm
- 15) With CE certify

Note: this model can be customized to the L shape PCB loader machine



**16) Updated to High durability ESD specific chain**

17)External Dimension/ Max PCB size/Model NO. :

1200\*780\*1200mm / (50\*50)~(350\*250mm) / 250LD

set

1400\*860\*1200mm / (50\*50)~(455\*330mm) / 330LD

set

1500\*920\*1200mm / (50\*50)~(530\*390mm) / 390LD

set

18)rack shelf stack size / machine approx weight :

355\*320\*565mm / 140kg/ 250LD

460\*400\*565mm / 180kg/ 330LD

535\*460\*565mm / 220kg/ 390LD

video link:

[https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/1044.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/1044.html)

**Item 29**

**Standard PCB unloader equipment  
HY-250ULD/330ULD/390ULD**



1)LED TFT touch screen control panel

2) Mitsubishi PLC control system import from Japan

3) With intelligent acceleration and deceleration functions,with shorter magazine change-over time(less than 20 sec)

4) Use high precision ball screw and high speed motor drive system,lifting running without noise and mute

5)Equipped with multiple safety alarm devices, intelligent alarm to prevent misoperation,

6)Four step pitches selection (10、20、30、40mm)

7)Component height: Top 30mm, bottom 30mm (depends on pitch)

8)Direction from left to right or right to left

9)Standard SMEMA and American standard power interface

10)Maximum load: 50kg

11)Max. PCB capacity: 50 pieces

12)Total 3 magazine capacity:1 magazines on the lifter platform, 1 empty magazines on the upper conveyor, 1 full magazines on

13)Voltage:110V/50HZ

14)Transport Height:920±20mm

15) With CE certify

**16)Updated to High durability ESD specific chain**

17)External Dimension/ Max PCB size/Model NO. :

1700\*780\*1200mm / (50\*50)~(350\*250mm) / 250ULD

set

1900\*860\*1200mm / (50\*50)~(455\*330mm) / 330ULD

set

2200\*920\*1200mm / (50\*50)~(530\*390mm) / 390ULD

set

18)rack shelf stack size / machine approx weight :

355\*320\*565mm / 160kg/ 250ULD



460\*400\*565mm / 200kg/ 330ULD

535\*460\*565mm / 240kg/ 390ULD

Note: this model can be customized to the L shape PCB unloader machine

video link:

[https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/1045.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/1045.html)

<p><b>Item 30</b></p>	<p><b>Mini PCB loader : HY-250LD (C type)</b></p>	<p><b>set</b></p>
 <p>www.ascen.ltd</p> <p>video link:</p>	<p>1)LED TFT touch screen control panel</p> <p>2) PLC control system</p> <p>3)Four step pitches selectio ( 10、 20、 30、 40mm)</p> <p>4)Direction from left to right or right to left(option)</p> <p>5)Standard SMEMA</p> <p>6) with the magazine by itselt</p> <p>7)Voltage:100-230V/50HZ(custom)</p> <p>8)Transport Height:920±20mm</p> <p>9)Transfer type: Chain type</p> <p>10)Conveyor speed: 6s</p> <p>11)External Dimension/ Max PCB size/Model NO. :</p> <p>500*475*1650mm / (50*50)-(450*250mm)/ 250LD</p> <p>Note: other bigger standard need customized</p> <p><a href="https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/142.html">https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/142.html</a></p>	
<p><b>Item 31</b></p>	<p><b>PCB stacking unloader :HY-460 bare board LD</b></p>	<p><b>set</b></p>
 <p>video link:</p>	<p>1)LED TFT touch screen control panel</p> <p>2) Mitsubishi PLC control system import from Japan and loading time less 5 sec</p> <p>3)Pass through function to sent the PCB boards continuously.</p> <p>4)Stander SMEMA and CE certify</p> <p>5)Voltage:100-230V/50HZ(custom)</p> <p>6)Transport Height:920±20mm</p> <p>7)Direction from left to right or right to left(option)</p> <p>8)External Dimension/ Max PCB size :</p> <p>650*680*1200mm / (50L*50mmW*)-(500L-460mmW)</p> <p><a href="https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/157.html">https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/157.html</a></p>	
<p><b>Item 32</b></p>	<p><b>Automatic vacuum loader: HY-390 Vacuum loader</b></p>	<p><b>set</b></p>
	<p>1)LED TFT touch screen control panel</p> <p>2) PLC control system and loading time less 5 sec</p> <p>3)Sheet feeding panel has changed to the up and down design</p> <p>4)Flexible sucker design,high pressure sorption</p> <p>5)Independent vacuum sounder,high efficiency and reliable for sheet feeding.</p> <p>6)The main pneumatic components are imported products</p>	



- 7) Standard SMEMA
- 8) PCB volume: 400 sheetd(0.6mm pcb)
- 9)cycle time: about 8s
- 10)Air press and flow rate: 4-6bar, ≅ 10L/min
- 11) Direction from left to right or right to left(option)
- 12)External Dimension/Model NO. :  
600L\*950W\*1200Hmm/390 vacuum loader
- 13)Max PCB size:(50\*50mm)—(L500\*W390mm)
- 14)Weight: approx.185kg

video link: [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/117.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/117.html)

**Item 33**

**Auto combined loader&unloader:  
HY-250LD/330LD/390LD**




- 1)LED TFT touch screen control panel
- 2) PLC control system
- 3)Four step pitches selectio ( 10、 20、 30、 40mm)
- 4)With the function of suction and sending PCB board
- 5)With the special structure of anti clamping plate and foolproof
- 6)Direction from left to right or right to left(Standard)
- 7) Loading time: around 6s
- 8)Magazine changing time: around 20s
- 9)Air press and flow rate: 4-6bar, ≅ 10L/min
- 10)PCB thickness: ≅ 0.4mm
- 11) Direction from left to right or right to left(option)
- 12)Magazine Qty: 2 Matarial Box
- 13)Step: 1-4(10mm gap)
- 9)External Dimension/ Max PCB size/Model NO. :  
1600\*850\*1200mm / (50\*50)~(350\*250mm) / **250LD**  
2000\*950\*1200mm / (50\*50)~(455\*330mm) / **330LD**  
2250\*1050\*1200mm / (50\*50)~(530\*390mm) / **390LD**
- 10)rack shelf stack size / machine approx weight :  
355\*320\*565mm / 140kg/ 250LD  
460\*400\*565mm / 180kg/ 330LD  
535\*460\*565mm / 220kg/ 390LD

**set**  
**set**  
**set**

video link: [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/147.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/147.html)



Item 34	NG/OK unloader equipment:HY-250/330/390 OK/NG ULD	set
 <p>Mainly use to connect AOI tester or ICT allow distinguish good PCBs from NG PCBs by signal.</p> <ol style="list-style-type: none"> <li>1)Equipped the PCB panel shuttle transfer system,and it can intelligent transport PCB board according AOI signal</li> <li>2)LED TFT touch screen control panel</li> <li>3) PLC control system import from Japan</li> <li>4) With intelligent acceleration and deceleration functions,with shorter magazine change-over time(less than 20 sec)</li> <li>5) Use high precision ball screw and high speed motor drive system,lifting running without noise and mute</li> <li>6)Equipped with multiple safety alarm devices, intelligent alarm to prevent misoperation,</li> <li>7)Four step pitches selection (10、20、30、40mm)</li> <li>8)Component height: Top 30mm, bottom 30mm (depends on pitch)</li> <li>9)Total 2 sets magazine feeding device,each device total 3 magazine capacity:1 magazines on the lifter platform, 1 empty magazines on the upper conveyor, 1 full magazines on the lower conveyor</li> <li>10)Direction from left to right or right to left</li> <li>11)Standard SMEMA and Europe standard power interface</li> <li>12)Maximum load: 50kg</li> <li>13)Max. PCB capacity: 50 pieces</li> <li>14)Voltage:220V/50HZ</li> <li>15) With CE certify</li> <li>16)External Dimension/Model NO. :  1460L*1500W*1200Hmm/250 OK/NG ULD  1460L*1610W*1200Hmm/330 OK/NG ULD  1460L*1720W*1200Hmm/390 OK/NG ULD</li> <li>17)Max PCB size:(50*50mm)—(L350*W250mm)  Max PCB size:(50*50mm)—(L455*W330mm)  Max PCB size:(50*50mm)—(L530*W390mm)</li> <li>18)rack shelf stack size / machine approx weight :  355*320*565mm / 210kg/ 250LD  460*400*565mm / 255kg/ 330LD  535*460*565mm / 290kg/ 390LD</li> </ol> <p>video link: <a href="https://www.ascen.ltd/Video_Channel/zileishipin/402.html">https://www.ascen.ltd/Video_Channel/zileishipin/402.html</a></p>		<p>set</p> <p>set</p> <p>set</p>
Item 35	Automatic dual track unloader:HY-250 dual rail ULD	set



- 1)LED TFT touch screen control panel
- 2) PLC control system
- 3)Automatic storage of OK/NG PCB
- 4)Connections on the back of the AOI to separate the good board and bad board on production line
- 5)Direction from left to right or right to left(Standard)
- 6) Loading time: around 6s
- 7)Magazine changing time: around 30s
- 8)Air press and flow rate: 4-6bar,  $\cong$  10L/min
- 9)PCB thickness:  $\cong$  0.4mm
- 10) Direction from left to right or right to left(option)
- 11)Step: 1-4(10mm gap)
- 12)External Dimension/Model NO. :  
1460L\*1500W\*1200Hmm/250 dual rail ULD
- 13)Max PCB size:(50\*50mm)—(L350\*W250mm)
- 14)rack shelf stack size / machine approx weight  
355\*320\*565mm / 210kg/ 250 dual rail ULD



**Item 36**

**OK/NG Dual track unloader: HY-250 NG/OK dual rail ULD**

**set**



- 1)LED TFT touch screen control panel
- 2) PLC control system
- 3)Automatic storage of OK/NG PCB
- 4)Connections on the back of the AOI to separate the good board and bad board on production line
- 5)Direction from left to right or right to left(Standard)
- 6) Loading time: around 6s
- 7)Magazine changing time: around 30s
- 8)Air press and flow rate: 4-6bar,  $\cong$  10L/min
- 9)PCB thickness:  $\cong$  0.4mm
- 10) Direction from left to right or right to left(option)
- 11)Magazine Qty: 2 Material Box
- 12)Step: 1-4(10mm gap)
- 13)External Dimension/Model NO. :  
1250L\*1430W\*1200Hmm/250 NG/OK dual rail ULD
- 14)Max PCB size:(50\*50mm)—(L350\*W250mm)
- 15)rack shelf stack size / machine approx weight  
355\*320\*565mm / 210kg/ 250 dual rail ULD

<p><b>Item 37</b></p>	<p><b>Layer or receiving machine:HY-390/460/510 bare board ULD</b></p>	<p><b>set</b></p>
 <p>video link: <a href="https://www.ascen.ltd/Video_Channel/zileishipin/398.html">https://www.ascen.ltd/Video_Channel/zileishipin/398.html</a></p>	<p>1)LED TFT touch screen control panel</p> <p>2) PLC control system and loading time less 5 sec</p> <p>3)using T screw to adjust the width smoothly</p> <p>4)Stander SMEMA</p> <p>5)Voltage:100-230V/50HZ(custom)</p> <p>6)Transport Height:920±20mm</p> <p>7)Direction from left to right or right to left(option)</p> <p>8)External Dimension/Model NO. :</p> <p>600L*650W*1200Hmm/460 bare board ULD</p> <p>9) Max PCB size:(50*50mm)—(L500*W460mm)</p> <p>10)Weight: approx.200kg</p>	
<p><b>Item 38</b></p>	<p><b>automatic shuttle conveyor: HY-460Shuttle conveyor</b></p>	
 <p>video link: <a href="https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/116.html">https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/116.html</a></p>	<p>1) PLC control system</p> <p>2)LED TFT touch screen control panel</p> <p>3)With the functions of one into two out/out into one out/two into two out/pass through directly.</p> <p>4) Photoelectric sensor control the starting</p> <p>5)Standard SMEMA</p> <p>6)External dimension:</p> <p>600L*1500W*1100Hmm (single track)</p> <p>Max PCB size:(50*50mm)—(L500*W460mm)</p> <p>7)External dimension:</p> <p>600L*(1500-3000)W*1100Hmm (single track)</p> <p>Max PCB size:(50*50mm)—(L500*W460mm)</p> <p>8)External dimension:</p> <p>600L*(3000-4500)W*1100Hmm (single track)</p> <p>Max PCB size:(50*50mm)—(L500*W460mm)</p> <p>9)Transport Height:920±20mm</p> <p>10)Direction from left to right or right to left(option)</p> <p>10) 2 moving orbit in it.</p> <p>11)the moving orbit width adjustment:50~ 390/460/510mm</p>	<p><b>set</b></p> <p><b>set</b></p> <p><b>set</b></p>
<p><b>Item 39</b></p>	<p><b>Efficient Buffer machine:HY-250/390Buffer</b></p>	



without conveyor

- 1) PLC control system
- 2) LED TFT touch screen control panel
- 3) Fifo, lifo, NG/OK and direct operating modes
- 4) conveyor before and after can be optional according to customer requirements
- 5) Voltage: 100-230V/50HZ(custom)
- 6) Transport Height: 920±20mm
- 7) Direction from left to right or right to left(option)
- 9) PCB thickness:  $\geq 0.4$ mm
- 12) Step: 1-4(10mm gap)
- 13) Boards volume: 20 Pcs
- 9) External Dimension/ Max PCB size/Model NO. :  
500\*920\*1200mm / (50\*50)~(400\*250mm) / 250buffer  
600\*920\*1200mm / (50\*50)~(500\*390mm) / 390buffer
- 10) Weight: approx. 225kg/240kg

video link: [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/158.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/158.html)

**set**

**set**

**Item 40**

**automatic inverting machine:HY-390/460/510 inverter**



- 1) PLC control system
- 2) LED TFT touch screen control panel
- 3) Rotating power switch to 180 degree rotating cylinder, runs more smoothly than traditional motors
- 4) Pass through function
- 5) Optical sensors to control the starting and ending
- 6) Standard SMEMA
- 7) Voltage: 100-230V/50HZ(custom)
- 8) Transport Height: 920±20mm
- 9) Direction from left to right or right to left(option)
- 10) PCB thickness:  $\geq 0.4$ mm
- 11) Max PCB size: (50\*50mm)—(L500\*W460mm)
- 12) External Dimension/Model NO. :  
600L\*900W\*1200Hmm/460 inverter
- Weight: approx. 165kg

video link: [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/1032.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/1032.html)

**set**

**Item 41**

**Telescopic lifting conveyor :HY-460 lifting conveyor**

- 1) PLC control system
- 2) LED TFT touch screen control panel

**set**



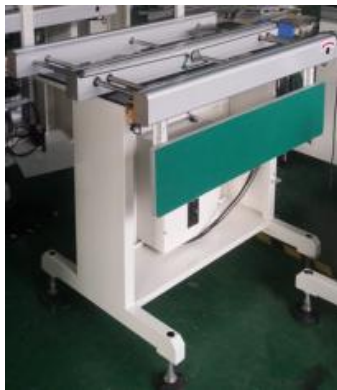


- 3)0.6M can be set aside as the aisle position
- 4)High safety performance,multiple photoelectric switch to detect the corridor through
- 5)Standard SMEMA
- 6)Voltage:100-230V/50HZ(custom)
- 7)Transport Height:920±20mm
- 8)Direction from left to right or right to left(option)
- 9)PCB thickness: ≧ 0.4mm
- 10)cycle time: about 20s
- 11) Electric load: Max 300V
- 13)Flow rate: ≦ 10L/min
- 14) Max PCB size:(50\*50mm)—(L500\*W460mm)
- 12)External Dimension/Model NO. :  
1000L\*1000W\*1200Hmm/460 lifting conveyor
- 16)Approx weight: 200kg

video link: [https://www.ascen.ltd/Video\\_Channel/PCB\\_conveyor\\_system/118.html](https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/118.html)

**Item 42**

**Standard 0.5-1.5M Conveyor**



- Model 1: conveyor HY-460 - 1000mm(standard type)  
(for 2 stopping PCB boards) 1 Set
- Model 2: conveyor HY-460 - 1500mm(standard type)  
(for 3 stopping PCB boards) 1 Set
- Model 3: conveyor HY-460-500mm(standard type)  
(for 1 stopping PCB boards) 1 Set
- Model 4: conveyor HY-460-700mm (standard type)  
(for 1 stopping PCB boards) 1 Set
- Model 5: conveyor HY-460-1000mm (standard type)  
(for 1 stopping PCB boards) 1 Set

- 1)With thick sheet metal rack,sedate solid
- 2)Using T screw to adjust the width smoothly
- 3)Standard SMEMA

**include upgrade equip as following:**

**1.E-Stop**

4) width control: 50~460mm and speed control

**2.Main switch**

5) with 2/3 sensors in exit and the entrance

**3.Start/Stop button**

6) Transport Height:920±20mm

**4. European plug**


7)Direction from left to right or right to left(option)



8)Max PCB size: (50\*50)~(460\*460)

9)External dimension:

Model 1: L1000 \*W860\*H930mm, 162kg

Model 2: L1500 \*W860\*H930mm, 128kg

	<p>Model 3: L500* W860*H930mm, 98kg</p> <p>Model 4: L700 * W860*H930mm, 115kg</p> <p>Model 5: L1000 * W860*H930mm, 123kg</p> <p style="text-align: center;"><b>special 0.5-1.5M Conveyor for placed behind the oven</b></p> <p>Model 6: conveyor HY-460-500mm (for 1 stopping PCB boards)</p> <p>Model 7: conveyor HY-460-700mm (for 1 stopping PCB boards)</p> <p>Model 8: conveyor HY-460-1000mm (for 1 stopping PCB boards)</p> <p>1)With thick sheet metal rack, sedate solid</p> <p>2)Using T screw to adjust the width smoothly</p> <p>3)Standard SMEMA and ESD function</p> <p>4) width control: 50~460mm and speed control</p> <p>5) Support High temperature resistant for 40'C-80'C</p> <p>6) Can suitable for 4mm distance from PCB side to component</p> <p>7)Can suitable for minimum 0.4mm thickness PCB board</p> <p>8) Can be satisfied with Max. 2kg weight for PCB board</p> <p>9) with 2 sensors in exit and the entrance</p> <p>10) Transport Height:920±20mm</p> <p>11)Direction from left to right</p> <p>12)Max PCB size: (50*50)~(460*460mm)/ ( 900*460mm)</p> <p>13)External dimension:</p> <p>Model 6: L500* W860*H930mm, 108kg</p> <p>Model 7: L700 * W860*H930mm, 127kg</p> <p>Model 8: L1000 * W860*H930mm, 136kg</p>	<p>1 Set</p> <p>1 Set</p> <p>1 Set</p>
<p><b>Item 43</b></p>	<p style="text-align: center;"><b>0.5-1.0M Dual track conveyor</b></p>	
 <p><b>include upgrade equip as following:</b></p> <p><b>1.E-Stop</b></p> <p><b>2.Main switch</b></p>	<p>Model 1: conveyor HY-460-500mm (for 1 stopping PCB boards)</p> <p>Model 2: conveyor HY-460-700mm (for 1 stopping PCB boards)</p> <p>Model 3: conveyor HY-460-1000mm (for 1 stopping PCB boards)</p> <p>1)with thick sheet metal rack, sedate solid</p> <p>2)Adopt green anti-static belt</p> <p>3)Customize the length of the machine according to customer's requirement</p> <p>4)customize the quantity of stopping PCB boardd according to customer's requirement.</p> <p>5)Customize the lighting equipment according to customer's requirement</p>	<p>1 Set</p> <p>1 Set</p> <p>1 Set</p>

<p>3.Start/Stop button</p> <p>4. European plug</p>	<p>6)Optional circuit board testing mode</p> <p>7)Standard SMEMA</p> <p>8)width adjustment:50-460mm</p> <p>9)Conveyor height:920±20mm (customized)</p> <p>10)Direction from left to right or right to left(option)</p> <p>15)machine size: L(0.5-1.5M)*W (1360-1480)*930Hmm</p> <p>16)Max PCB size:(50*50mm)—(L460*W460mm)</p> <p>17)Approx weight: 100kg-178kg</p>	
<p><b>Item 44</b></p>	<p><b>Custom-made double track Shuttle Conveyor</b></p>	<p>Set</p>
	<p>1) PLC control system</p> <p>2)LED TFT touch screen control panel</p> <p>3)With the functions of one into two out/out into one out/two into two out/pass through directly.</p> <p>4) Photoelectric sensor control the starting</p> <p>5)Standard SMEMA</p> <p>6) Max PCB size:(50*50mm)—(L500*W390mm)</p> <p>7)External dimension: L600*W(3000-4800)*H1200mm</p> <p>8)Transport Height:920±20mm</p> <p>9)Direction from left to right or right to left(option)</p> <p>10) 2 moving orbit in it.</p> <p>11)the moving orbit width adjustment:50~ 300mm</p>	
<p><b>Item 45</b></p>	<p><b>90 degree turn conveyor</b></p>	<p>Set</p>
 <p>video link: <a href="https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/119.html">https://www.ascen.ltd/Video_Channel/PCB_conveyor_system/119.html</a></p>	<p>1) PLC control system</p> <p>2)LED TFT touch screen control panel</p> <p>3)PCB Size:50 - 350mm</p> <p>4)Transport Height:900 ±20mm</p> <p>5)Max size of PCB: L500*W390mm</p> <p>6)Weight adjusting range:50~390mm</p> <p>7)The Max diameter of rotating:φ650mm</p> <p>8)Air press:4-6 bar</p> <p>9)PCB Direction:left to right (option: right to left)</p> <p>10)Turning Direction:90° clockwise (option: 90° counter clockwise)</p> <p>11)Machine Size: 700 x 750 x 1200mm</p> <p>12)Power Supply:AC 110/230V ±10V, 50/60HZ one-phase</p>	
<p><b>Item 46</b></p>	<p><b>Pneumatic type solder paste stencil cleaner model: AS-800</b></p>	<p>set</p>
	<p>1) SUS 304 structure,Acid and Alkali corrosion resistance,10 years lifespan</p>	



- 2) Only driven by compressed air, no use electric power at all.
- 3) One button easy operation, clean and dry complete automatically, Liquid recycle use, low consumption
- 4) Clean Method: Patent 360° rotation spray rods on both sides, ensure good cleaning quality and stable stencil tension. 3-level precise liquid filtering system. Liquid used repeatedly
- 5) Max. Stencil Size: 800\*800\*40mm
- 6) Clean Time: 3-5min
- 7) Air press and flow rate: 0.5-0.7 Mpa
- 8) Air flow rate: 400--600L/min
- 9) Packaging Weight: 320kg
- 9) Machine size: L 850\*W1000\*H1720mm


**Item 47**

**ASCEN robotic conformal coating machine AC-CF450 model**

Use for selective coating of conformal coating material



- 1) X, Y, Z axis drive platform adopts precision ball screw with Fuji servo motor. With high-speed, high reliability, high stability of the transmission and control system.
- 2) Programming mode: software programs automatically after inputting the data, teaching panel programs automatically after inputting the track.
- 3) With smart automatic width adjustment function (automatically adjust after inputting the board width).
- 4) 2 valves can switch spray and coating action automatically, to achieve high-density selective coating process for various kinds of PCB
- 5) Can effectively and evenly coat edge of the components, eliminate the spray shadow effect.
- 6) Accuracy:  $\pm 0.02$ mm.
- 7) Operation System: Industrial IPC With WINDOWS XP System/Above
- 8) Control mode: Industrial PC & Motion Controller
- 9) Program capacity: >1000
- 10) PCB conveyor height:  $900 \pm 20$ mm
- 11) Conveyor speed: 0-5000mm/min
- 12) Conveyor direction: L to R or R to L
- 13) Conveyor motor: 2 sets of stepper motors
- 14) Max. PCB size: (50\*50)-(450\*450mm)
- 15) Conveyor width adjustment mode: full automatic adjustment with stepper motor and double high precision screw rod
- 16) Size of machine: 2500L\*880W\*1180Hmm
- 17) X, Y, Z drive mode: Japan Fuji servo motor+ accurate screw rod module
- 18) X, Y, Z max speed: 800mm/s
- 19) Valve type: one spray valve and one needle valve
- 20) Max. PCB component height: 70mm
- 21) Charging bucket: One 10L stainless steel pressure tank with stir function+ one little stainless steel pressure tank for cleaning
- 22) With automatic clean function and LED floodlight
- 23) With LED UV inspection function
- 24) Dimensions: L1300mm\*W1100mm\*H1700mm, 450kg
- 25) Air pressure: 0.4Mpa-0.6Mpa

detail refer link:	24)Voltage: 110V/50Hz <a href="https://www.ascen.ltd/Products/conformal_coating_equipment/">https://www.ascen.ltd/Products/conformal_coating_equipment/</a>
<b>Item 48</b>	<b>Customized automatic feeder system for insertion machine</b>
 detail refer link:	SMT insertion feeder need customized according your component, there is multiple type feeding system can be optional, can can customized according your solution or your feeding component. <a href="https://www.ascen.ltd/Products/smt_component_feeder/">https://www.ascen.ltd/Products/smt_component_feeder/</a>

Item 49: customize pick and place machine feeder/nozzle, customize fixture, customize machine blade,machine part and so on

Note:different machine will have some updated and some customize other automatic machine detail, please sent the inquiry to :[info@ascen.ltd](mailto:info@ascen.ltd)

**Terms and Conditons:**

- 1) Updated date of list: 2020
- 2) Expired Date: N/A
- 3) Delivery Time: about 30 days
- 4) Term of Delivery: EX-Work
- 5) Term of Payment: TT in advance
- 6) Warranty for One Year