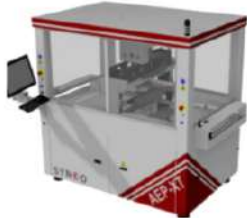


Automatic Electric Press



AEP-XT

- BOARD SIZE CAPACITY: 610mm x 915mm
- MAX CONNECTOR SIZE: 152mm x 50mm
- FORCE CAPACITY: 3 Tons
- CONNECTOR TYPE: TEC and FLAT ROCK
- PCB LOCATION: VISION IN LINE, SMEA



AEP-LT

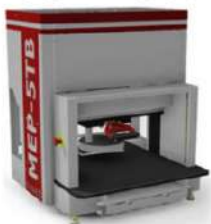
- BOARD SIZE CAPACITY: 610mm x 915mm
- MAX CONNECTOR SIZE: 152mm x 50mm
- FORCE CAPACITY: 3 Tons
- CONNECTOR TYPE: TEC and FLAT ROCK
- PCB LOCATION: VISION IN LINE, SMEA



AEP-ST

- BOARD SIZE CAPACITY: 350mm x 600mm
- MAX CONNECTOR SIZE: 152mm x 50mm
- FORCE CAPACITY: 1 Ton
- CONNECTOR TYPE: FLAT ROCK
- PCB LOCATION: MECHANICALLY CENTERED IN LINE, SMEA

Manual Electric Press



MEP-5TB

- BOARD SIZE CAPACITY: 580mm x 800mm
- MAX CONNECTOR SIZE: (ROTATE ANVIL) 203mm x 38mm (FIX ANVIL) 279mm x 38mm
- FORCE CAPACITY: 5 Tons
- LASER TOOLING POSITIONING
- LIGHT TOWER



MEP-8TM

- BOARD SIZE CAPACITY: 680mm x 910mm
- MAX CONNECTOR SIZE: 279mm x 38mm
- FORCE CAPACITY: 8 Tons
- LASER TOOLING POSITIONING
- LIGHT TOWER



MEP-8TL

- BOARD SIZE CAPACITY: 830mm x 1060mm
- MAX CONNECTOR SIZE: 279mm x 38mm
- FORCE CAPACITY: 8 Tons
- LASER TOOLING POSITIONING
- LIGHT TOWER

ACCU-Cut



202L

- Power : 100-230VAC,50/60Hz,1A
- Air requirements : 30-100 PSI, 1-5 CFM
- Dimensions : (W x D x C) : 15" x 20" x 14"
- Weight (Standard machine) : 50 lbs
- HMI : 7" High resolution color touchscreen



202W

- Power : 100-230VAC,50/60Hz,1A
- Air requirements : 30-100 PSI, 1-5 CFM
- Dimensions : (W x D x C) : 15" x 20" x 14"
- Weight (Standard machine) : 50 lbs
- HMI : 7" High resolution color touchscreen



700L

- Power : 100-230VAC,50/60Hz,1A
- Air requirements : 30-100 PSI, 1-5 CFM
- Dimensions : (W x D x C) : 15" x 20" x 14"
- Weight (Standard machine) : 50 lbs
- HMI : 7" High resolution color touchscreen

ACCU-Drill & Punch



MP & MD

- Power : N/A (MP Series), 100-125VAC,60Hz,1A(MD Series)
- Air requirements : N/A
- Dimensions : (W x D x C) : 8" x 12" x 16"
- Weight (Standard machine) : 25lbs



SP & SD

- Power : 110 VAC 50/60 Hz, 1A
- Air requirements : 30-120 PSI
- Spindler speed : 0-4000rpm
- Drill depth setting resolution : 0.001" (0.025mm)
- Drill Chuck Run-out : 0.0002" (0.005mm) TIR



DC

- Power : 100-230VAC,60Hz,3A
- Air requirements : 50-100 PSI
- Dimensions : (W x D x C) : 26" x 24" x 30"
- Weight (Standard machine) : 60 lbs

PCBA Router Machine



MT - APRM 300

- Auto Tool Changer - Automatically switches tools to greatly improve work efficiency.
- CCD Vision Alignment - High-speed camera system ensures precise cutting and enhances operational accuracy.
- SycoTec 4033 Spindle - German-made high-speed AC spindle offers low cutting stress for precise PCB shaping.
- Dual Worktables - Allows simultaneous PCB loading and cutting to reduce downtime.
- Patented Dust Collector - Low-noise, high-efficiency system that is easy to clean and maintain.

PCB/ FPC Laser Cutting Machine



MT-FLC 2000

- Automatic PCB separator is small, which can save space.
- Various NS,PS laser and green lasers are available to meet various processing needs.
- Equipped with a high-speed CCD visual automatic correction system, which greatly improves the cutting accuracy and operation efficiency.
- From feeding. cutting to unloading, online automatic PCB separator meets the needs of automated workshops.
- The processing process, which is designed in accordance with the electrical standards of European Union.

Inline Saw Bit V-Cut Machine



Saw Bit V-Cut Machine

- Fully automatic operation of loading, cutting, discharging and waste collection.
- Save time and easily replace the blade mold and suction cup parts when change the model.

Solder Paste Printing Machine



DG Series

- Classic Z-axis lifting platform
- Integrated molding structure of the entire machine frame
- Scraper upper and lower direct connection screw drive
- Automatic intelligent cleaning system for steel mesh
- Adjustable size of stencil frame
- Printing cycle time 7s

Pick and Place Machine



Fuzion Platform

- 1 and 2-beam variants
- Extra-capacity (XC) models with up to 272 feeder inputs
- Versatile multi-task odd-form (OF) model
- Throughput up to 66,500 cph per module

PCBA Cleaning Machine



Off-line PCBA Cleaning Machine

- High pressure spray system for PCB / PCBA cleaning process with water-based detergent
- Three liquid tanks equipped with heating system to meet the needs of cleaning, rough rinsing, fine rinsing and hot air drying
- Process flow: Cleaning - chemical isolation - rinsing (open-loop / closed-loop) - drying



In-line PCBA Cleaning Machine

- Suitable for mass cleaning, complete the whole process of pure water cleaning and drying Online
- Excellent cleaning effect, effective to water soluble flux, organic and inorganic pollutants
- The whole cleaning process is fully automatic and complete without manual intervention
- Real-time monitoring of the whole cleaning process, the cleaning parameters are clear at a glance

PCB Surface Cleaning Machine



PCB Surface Cleaning Machine

1. Adopt touch screen control interface, Simple operation and easy to understand
2. The feeding direction of the track can be switched freely, left → right or right → left
3. The front end has brush function. Better ability to remove chippings, hair, etc

Conformal Coating Machine



Selective Conformal Coating Machine

- Running accuracy of $\pm 0.02 \text{ mm}$ ($20 \mu\text{m}$) ($\pm 0.0007''$)
- Three axes of movement (X,Y,Z)
- Supports up to four selective conformal coating valves in a variety of different nozzle arrangements including dual or quad valve configurations



High-speed precision selective conformal coating machine

- Running accuracy of $\pm 0.02 \text{ mm}$ ($20 \mu\text{m}$) ($\pm 0.0007''$)
- Five axes of movement (X,Y,Z,U rotation) and 35° tilt
- Single head turret design supporting up to three selective conformal coating valves that can be arranged in a variety of different nozzle configurations



Thin Film Conformal Coating Machine

- Automatic coating detection mounted over conveyor exit or x-axis for verifying coating results
- Laser width measurement control system for monitoring and verifying thin film spray width coating parameters
- 90-degree rotation of the thin film spray direction using the IC-100L thin film valve
- Standard valve configuration: Dual valves fixed width

Dekstop Auto Screw Robot Machine



Auto Screw Machine

- Increasing production capacity
- Reduce the human resources and manual misoperation
- Accurate torque to ensure the quality of the lock
- Easy to operate, stable performance, good durability

Manual Air Feed & Manual Screw Torque



Screw Feeder Driver
Machine



Brushless Electric
Torque Screwdriver

Dekstop Type Glue Dispensing Machine



MT-301AGDM

- Type of automated assembly of two or more parts by means of dispensing glue on one part and then bonding it with another.
- Automated gluing is often much more precise and therefore increases the quality of the product.



Needle



Syringe



Controller

SMT Handling Conveyor



PCB Loader



PCB Unloader



NG/OK Unloader



Vacuum Loader



Link Conveyor



NG/OK Buffer



Multi Function Buffer Stacker



Wave Soldering Conveyor



Manual Insertion Line

- The conveyor system in an SMT machine transfers PCBs through different assembly stages.
- It ensures consistent movement of PCBs from one station to another.
- There are three main types of conveyors used:
 1. Belt conveyors – Most common; use a continuous flexible loop to move PCBs.
 2. Roller conveyors – Use rotating cylinders or wheels to transport PCBs.
 3. Chain conveyors – Use interlinked chains to move PCBs along the assembly line.

SMT



Selective Wave Soldering

- The soldering for double-side PCB can be applied automatically
- Offline programming function/ Gerber file can be applicable
- Transmission speed of wave nozzle is adjustable. Online rail-time wave height monitoring and auto calibration function



Wave Soldering Machine

- New Tin Furnace & Nozzle Design - Reduces tin dross with adjustable tin wave drop.
- High Transport Capacity - Supports up to 60KG with stable, enhanced chain structure.
- Efficient Cooling System - Upper and lower blowing design with flexible cooling control.



Reflow Soldering Oven

- Durable Rail Conveyor - Hardened rail track for enhanced reliability.
- Efficient Dual-Rail System - Boosts productivity, saves energy, and prevents deformation.
- Eco-Friendly Design - 95% of reflow oven materials are recyclable.



Vacuum Reflow Oven

- Independent air velocity control by section allows flexible adjustment to handle complex lead-free processes.
- New cooling design recycles filtered/reclaimed air back to the chamber, reducing heat loss and improving flux recovery.
- Extended maintenance intervals due to improved oven chamber design.