



fancort industries, inc.

TM

ELECTRONIC PRODUCTION SPECIALISTS SINCE 1973

Servo Press-Fit Machinery



PFM-1000 Servo Press-Fit Machinery

PFM-1000 servo press-fit machine is designed for those inserting flexible or rigid pins of connectors into plated through holes (PTHs) of printed circuit board (PCB) without soldering. It is reliable and easy to operate.

Features:

- H frame: two horizontal frames and two vertical bars with high compressive strength and hard to deform to ensure high accuracy, large worktable for PCB of large size
- Servo motor drive: real-time monitor pressure, position and speed to avoid excessive force or low force
- Force monitoring software: closed-loop control and SPC data management to ensure the quality and traceability
- PC control: parameters set through computer, SPC management, log management, user authority management and program management
- Pressure Velocity Feedback System (PVFS): real-time monitoring pressure vs distance change rate to control the press-fit process
- Auto save and analysis pressure curve software module
- Teaching function by manual together with database
- Air flotation to support PCB moving
- Raster safety protection device
- Laser alignment device for positioning
- Machine is ESD safe
- Database driven software for simple programming and automatic setup vis Windows
- Emergency stop mounted on the front of the machine
- Adjustable PCB support to provide production flexibility

Operation System	Windows 7
Max Press-Fitting Pressure	25KN/60KN
Max Stroke	100mm (customization)
Z-Axis Speed	0.05-30 mm/s
Position Accuracy	+/- 0.02 mm
Pressure Accuracy	+/- 5%
Size of Press Head (L x W)	300 x 60 mm (customization)
Size of Worktable (LxW)	920 x 925 mm
Moving Mode of Press Head	Left and Right
Moving Mode of PCB	Air Flotation Supporting
Selling Paramaters	Computer
Safety Protection Device	Raster Sensor Device
Tool Positioning	Laser Positioning
Power Supply	AC220V, 2500W
Compressed Air	0.50a MPa
Dimensions of Machine (L x W x H)	1400 x 1100 x 1920 mm
Weight	1000kg
X-Y Movement	Auto/Manual
Mode of Operation	Semi Auto and Manual

