



CM-3T ELECTRIC PRESS FIT MACHINE

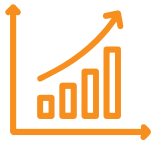
Product Brochure

CM-3T ELECTRIC PRESS FIT MACHINE

TE Connectivity's (TE) new CM-3T press fit machine was designed to apply compliant pin connectors to a wide range of PCBs and built with a rigid "H" frame to minimize deflection. It is fully capable of handling demanding applications from daughter cards to mid-planes to backplanes.

The machine features a touch screen monitor for enhanced machine operation, an air table option that assists the operator when positioning product under the press head, and an optional bar code scanner, which provides fast PCB serial number entry. An air bearing system provides effortless press head positioning. The PCB capacity is 460 x 610 mm. The statistical process control feature within the machine's included software provides a press log and in addition, allows press force plotting for every connector.

TE's field service engineers are available worldwide in the major regions and countries. There is a wide range of insertion tools available for these machines for both TE and non-TE products allowing customizations available to meet your production requirements. Together with our global manufacturing footprint, we can offer the quality, reliability and trust to meet your next project's needs.



Optimized High-Performance



Quality and Control Management



Customizable

Key Features	Benefits
Enhanced High-Performance Tool	<ul style="list-style-type: none"> Operating system - windows 10; user friendly and IPC-base shortens lead time Software user friendly while closely monitoring force, distance, and speed Built with a rigid "H" frame to minimize deflection Touch screen monitor for enhanced machine operation Optional bar code scanner, which provides fast PCB serial number entry
Quality and Control Management	<ul style="list-style-type: none"> Manually adjust the press head and/or the PCB between connector press cycles Air table assists the operator when positioning product under the press head Laser Pointing option for advanced version to better guide operator pressing area PCB capacity of the CM-3T press is 460 x 610 mm The SPC feature within the CM's included software provides a press log and in addition, allows press force plotting for every connector
Customizable	<ul style="list-style-type: none"> Customizations available to meet your production requirements Wide range of insertion heads for TE & non-TE terminals

Industries

- Data Communications

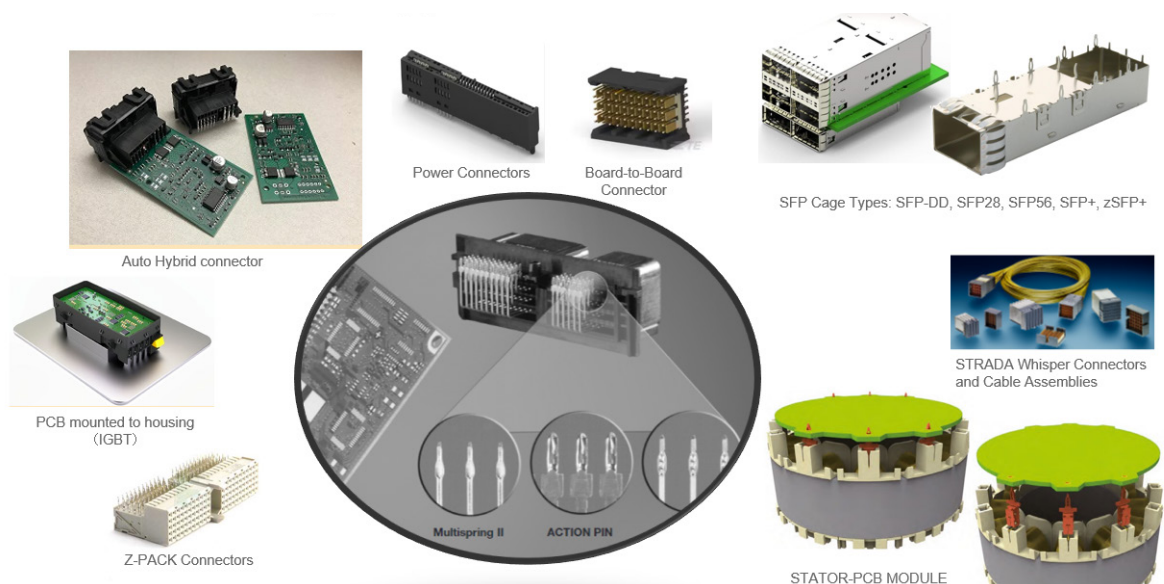
Applications

- Data Centers
 - Servers
 - Switching & Routing
 - Storage
- Machine Learning and Inference System

Technical Details

Technical Specifications	
Operation System	Windows 10
Force Capacity	29.4kN
Force Error F.S.	±1% FS
Board Size Capacity mm	460 x 610 mm
Z-Axis stroke	90mm
Z-Axis Position Accuracy	±0.01mm
Power	220C AC 1P 50/60Hz
Air Pressure	0.5-0.8Mpa
Footprint L x W x H mm	745 x 750 x 1130 mm
Weight	350Kg
Safety	Light curtain
HMI Language	English, Chinese
Interface	Touch Screen

Connector Seating Product Applications



Ordering Information

Specifications	
PN 2473610-1	CM-3T, SERVO ELECTRIC PRESS
PN 2473620-1	CM-3T, SERVO ELECTRIC PRESS, ADVANCE

Connect With Us

Our tooling is supported by an established, experienced and responsive field service organization. TE Connectivity field engineers are located worldwide and are available to assist with on-site and remote service; selection and installation of new equipment; training; and technical support. Service agreements are available to provide protection and support for all your application tooling equipment.

Contact Us

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Tooling Portfolio: tooling.te.com

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