

The XP-141E is a high-speed compact mounter using Fuji's new Full Vision system



- High speed placement using 12 nozzles mounted on miniature turret.
- Supports the creation and editing of production programs at the machine, and allows the user to "teach" the machine fine adjustments.
- Supports the supply of up to 100 component types on 8 mm tape, and the use of existing CP-6-series feeders.
- The XP-141E is a powerful machine in its own right. However, when installed next to a the general purpose XP-241E which functions as a multipurpose mounter, users can configure a system with excellent cost-performance.

Features

- Minimum space and maximum output.
- Top of its class high speed placement at 0.165 sec./component
- Direct Motion Mounter (DMM)
- MS algorithm
- Production programs
- Multi-Feeder Unit (MFU-X10E)

Specifications

PCB dimensions	Max.: 508mm X 457mm Min.: 80mm X 50mm Thickness: 0.5 to 4.0mm
Component capacity	Up to 100 types (using 8 mm tape feeders.)
PCB loading time	4.2 sec.
Placing Rate	0.165 sec. /component for rectangular, and small add-form chips. (Under ideal operating conditions.)
Placing accuracy (using fiducial marks)	± 0.066 mm (3 σ) for rectangular chips
Applicable components	0603 (in. 0201) , 1005 (in. 0402) to 5 x 4 mm, up to 3 mm in height
Power	3-phase, 4 kVA
Air supply	0.49 MPa, 80 N ℓ / min.
Machine dimensions	L: 1500 mm W: 1300 (2143) mm (W: including MFU) H: 1409 mm (H: excluding signal tower)
Weight	Main body: approx. 1,800 kg

Options

- Multi-Feeder Unit
- Vacuum Back-up Pins
- Tape Feeders
- Feeder Stand
- MCS-X (under development)