

XP-241E



XP-341E



The XP-241E and 341E is a multipurpose, high-speed, high-precision compact mounter using Fuji's new Full Vision system.

- Wide handling range, from 1005s (in. 0402) to parts of up to 150 mm long.
- 100% bump detection for components such as CSPs and BGAs.
- Supports the supply up to 40 component types on tape or stick feeders, and up to 20 component types on trays.
- Mechanical chuck supported.
- Compatible with mechanical feeders used on IP-series, and QP-242E machines.
- Supports the creation and editing of production programs at the machine, and allows the user to "teach" the machine fine adjustments.
- The XP-241E is a powerful machine in its own right. However, when installed next to the high-speed **XP-141E** boost machine, users can configure a system with excellent cost-performance.
- Newly developed **XP-341E** are MFU attached at both sides of the machine.

Features

- Minimum space and maximum output.
- Wide range of components
- V² nozzle
- Direct Motion Mounter (DMM)
- MS algorithm
- Production programs
- Multi-Feeder Unit (MFU-X20E)
- Tray Unit

- Options**
- Multi-Feeder Unit
 - Vacuum Back-up Pins
 - Mechanical chucks
 - Special nozzles
 - Tape Feeders
 - Stick Feeders
 - Coplanarity check
 - MCS-X (under development)

Specifications

	XP-241E	XP-341E
PCB dimensions	Max.: 457mm X 356mm Min.: 80mm X 50mm Thickness: 0.8 to 4.0mm (0.5mm: option)	
Component capacity	Front (feeders): Up to 40 types (using 8 mm tape feeders.) Rear (trays): 10 types on 10 shelves 20 types on 10 shelves	Front (feeders): Up to 80 types (using 8 mm tape feeders.)
PCB loading time	4.2 sec.	
Placing Rate	0.4 to 0.6 sec./component (rectangular chips/small odd-form components) 0.7 to 1.5 sec./component (ICs)	
Placing accuracy (using fiducial marks)	± 0.066 mm (3 σ) for odd-form and small components, SOIC, PLCC, BGA, CSP etc. ± 0.03 mm (3 σ) for quad packs	
Applicable components	1005 (in. 0402) to 5 x 4 mm, up to 3 mm in height	
Power	3-phase, 4 kVA	
Air supply	0.49 MPa, 200 N ℓ / min.	
Machine dimensions	L: 1500 mm W: 1560 (2477) mm (W: including MFU) H: 1409 mm (H: excluding signal tower)	L: 1500 mm W: 1560 (2477) mm (W: including MFU) H: 1409 mm (H: excluding signal tower)
Weight	Main body: approx. 2,000 kg	Main body: approx. 1,800 kg