

CP-732E

0.068 sec./shot ultrahigh-speed mounting
Unbeatable 0.6 sec./PCB loading time
±0.066 mm(3σ) accuracy

The CP-732E high-speed chip placer represents the ideal machine for the population of high density PCBs with a range of parts from small rectangular chips to large components. The machine represents a small-footprint version of previous CP-6-series machines, maintaining many popular features, and enabling placement at a speed and accuracy unmatched in other machine types.

The machine turret is equipped with 16 placing heads, each of which can be fitted with up to 6 nozzles. In addition, the pick-up height can be adjusted as required to suit the components being handled.

As on the CP-643E, the adoption of a carrier system of PCB conveyance means that board loading time has been withheld. Moreover, when two PCBs are loaded simultaneously, the effective loading time per PCB is reduced still further. This results in particularly favorable loading times for PCBs with relatively few placing sequences.



Features

- Placing speed of 0.068 sec./shot.
- Lower cycle times with double PCB loading.
- PCB loading time of 0.6 sec./PCB using the double PCB loading system.
- ±0.066 mm(3σ) accuracy
- Batch feeder exchange
- Adjustable pick-up height
- Space efficient compact design
- Mounting Bulk feeders.
- Touch Screen

Specifications

PCB dimensions	Max.: 356mm X 254mm Min.: 50mm X 50mm t = 0.3 to 4.0mm (Option required for handling of PCBs of less than 0.5 mm in thickness)
Component capacity	Up to 60 types (8 mm tape)
PCB loading time	0.6 sec. / PCB with double PCB loading 1.2 sec. / PCB with single PCB loading Loading time does not include XY-table movement. Double PCB loading is possible for PCBs up to 170 mm in length
Placing Rate	0.068 sec. / component under the following conditions. 1. XY-table movement within 14.2 mm 2. No component supply table movement 3. No limitation on component rotation 4. 100% cam speed 5. Nozzle indexing up to two pitches
Placing accuracy (fiducial mark reference)	± 0.066 mm (3 σ) and ± 0.132 mm (6 σ) in the X-and Y-directions.
Applicable components	0603 (in. 0201) to 19 x 20 mm (20 x 20 mm for J-leaded components) up to 6 mm in height
Power	3-phase, 200 to 480 VAC, 10kVA(1.25kVA in power saving mode)
Air supply	0.5 MPa (5 kgf / cm ²), 46 Nℓ / min.
Machine dimensions	L: 2134 mm W: 1723 mm H: 1653 mm (H: excluding signal tower) Conveyor length: 3500 mm
Weight	Approx. 3900 kg
Options	<ul style="list-style-type: none"> ● Handy Terminal ● HELPS (computerized job change assistance system) ● Shock free back-up