AUTOTRONK Fertigungssysteme für die Elektronikindustrie

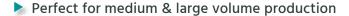
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MODEL: BA388E4-V

SMT-PICK&PLACE MACHINE



- High Accuracy and high Flexibility from 01005 up to 0.3 mm fine pitch
- 256 intelligent Auto Tape Feeder
- Ballscrews in X-Y direction
- AC Servo Motors X/Y/Z
- ▶ Up to 8.800 CPH
- COGNEX Alignment System "Vision On the Fly" with Digital Camera
- Digital Bottom Vision Kamera for fine pitch QFP & BGA
- ► Automatic Reference Point Recognition
- Conveyor System (option)
- EtherCAT
- Universal CAD Conversion
- ▶ Barcode Reader for Feeder setup
- Tracability of production data
- CANBUS System (option)



Innovative Features



Unbeatable



Worldwide for youl



Specialist in smal and medium-size manufacturing.



Quality & innovation a <u>a f</u>air price.



one hand





CANBUS connects all the modules working throughout the feeder controlling, so that they can work together to run effectively, more intelligence and fewer wires.



Ether CAT sets new standards for real-time performance and topology flexibility. Strongly simplified machine architecture and more efficient processes.

MODEL: BA388E4-V

SMT-PICK&PLACE MACHINE

SPEZIFICATION:

- Number of Heads (Vision on the Fly): 4
- Placement rate (under optimum condition):

8800 CPH, 7000 CPH (IPC 9850)

- Feeder capacity (8mm): up to 256 Tape Feeders
- Feeder capacity (8mm) with conveyor: up to 176 Tape Feeders
- IC Tray capacity: up to 6 Waffle Trays
- Component Sense: Vision detection
- Component Size:

Handled by digital head camera:

- smallest: 0.4 x 0.2 mm

- largest: 16 x 14 mm

Handled by fixed digital Bottom Vision Camera:

- largest: 150 x 100 mm

- Resolution (AC Servo Motors):
 - X/Y Axis: 0.005 mm
 - Z Axis: 0.01 mm
- Rotation: 0° to 360° (0.09°/step)
- Placement Accuracy: +/- 0.03 mm
- X/Y Repeatability: +/- 0.01 mm
- Placement Area without conveyor:

without Waffle Tray: 1050 x 450 mm

Placement Area with conveyor:

- without Waffle Tray: 1340 x 400 mm

Programming:

- Direct Input

- Teach-In by Camera

- CAD Access (option)

- Barcode Reader (option)

- Tracability of production data (option)

• Industrial PC with Windows 10

Power Supply: 230VAC
 Power: 4200W

Pressure: 75 psi (5.5 bar), max. 200L/min
 Machine Size: 1900 x 1570 x 1660 mm (L x W x H)

• Weight: 1950kg



