AUTOTRONK Fertigungssysteme für die Elektronikindustrie

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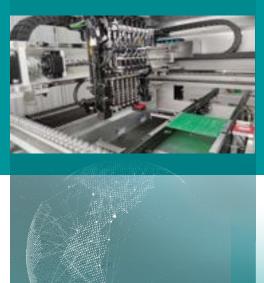
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MODEL: BA889CY-E6-V

SMT-PICK&PLACE MACHINE



- High Accuracy and high Flexibility from 01005 up to 0.3 mm fine pitch
- ▶ 96 intelligent Auto Tape Feeder w. Quick Scan Function
- Ballscrews in X-Y direction
- AC Servo Motors X/Y/Z
- Up to 20.000 CPH
- COGNEX Alignment System "Vision On the Fly"
- Digital Bottom Vision Kamera for fine pitch QFP & BGA
- ▶ Automatic Reference Point Recognition w. digital camera
- ≥ 3-Stage Conveyor System
- EtherCAT
- Universal CAD Conversion
- ▶ Barcode Reader for Feeder setup
- Tracability of production data





Innovative Features



Unbeatable



Worldwid



and medium-size manufacturing.



Quality & innovation a fair price.



All from





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



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

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SMT-PICK&PLACE MACHINE

SPEZIFICATION:

- Number of Heads (Vision on the Fly): 6
- Placement rate (under optimum condition):
 20000 CPH, 18800 CPH (IPC 9850)
- Feeder capacity (8mm): up to 96 Tape Feeders
- IC Tray capacity: up to 3 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: 50 x 50 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 with conveyor:
 - without Waffle Tray: 650 x 440 mmwith 1 Waffle Tray: 650 x 380 mm
- Programming:
 - Direct Input
 - Teach-In by digital Camera
 - CAD Access (option)
 - Barcode Reader (option)
 - Tracability of production data (option)
- Industrial PC with Windows 10
- Power Supply: 230VACPower: 3800W

Pressure: 75 psi (5.5 bar), max. 500L/min
 Machine Size: 1480 x 1340 x 1470 mm (L x W x H)

• Weight: 1100kg

