

# AUTOTRONIK

Fertigungssysteme für die **Elektronikindustrie**

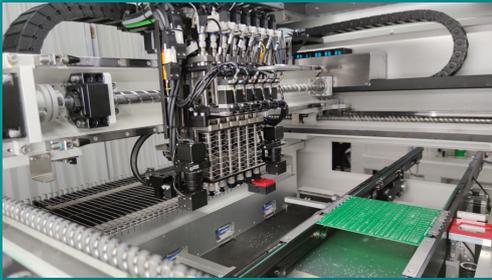
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## MODEL: BA889CY-E6-V SMT-PICK&PLACE MACHINE

- ▶ Perfect for higher volume production
- ▶ 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 Service



Worldwide for you!



Specialist in small and medium-sized manufacturing.



Quality & innovation at a fair price.



All from 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.

EtherCAT®

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 mm
  - with 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: 230VAC
- Power: 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

