

# AUTOTRONIK

Fertigungssysteme für die **Elektronikindustrie**

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## MODEL: BA385P2-V SMT-PICK&PLACE MACHINE

- ▶ Perfect for medium & large volume production
- ▶ High Accuracy and high Flexibility from 01005 up to 0.3 mm fine pitch
- ▶ 128 intelligent Auto Tape Feeder
- ▶ Ballscrews in X-Y direction
- ▶ Up to 6.400 CPH
- ▶ COGNEX Alignment System „Vision On the Fly“
- ▶ Bottom Vision Kamera for fine pitch QFP & BGA
- ▶ Automatic Reference Point Recognition
- ▶ Conveyor System
- ▶ Dispenser System
- ▶ Vision Inspection
- ▶ Universal CAD Conversion
- ▶ Barcode Reader for Feeder setup



Innovative  
Features



Unbeatable  
Service



Worldwide  
for you!



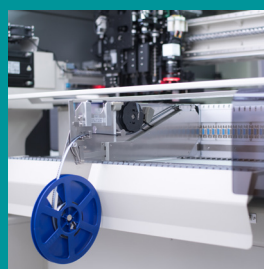
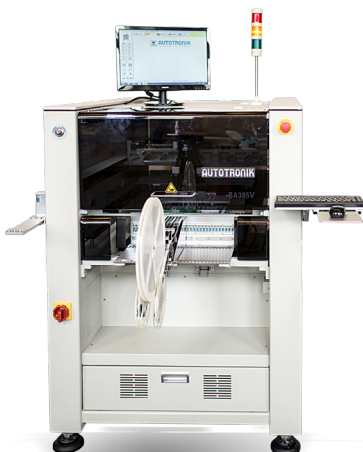
Specialist in small  
and medium-sized  
manufacturing.



Quality &  
innovation at  
a fair price.



All from  
one hand.



Intelligent feeders in all common sizes. Component spectrum from 01005 to 100x150 mm, component height up to 15mm



Components on tapes, tubes, cut tapes, loose components and trays can be processed.

# MODEL: BA385P2-V

## SMT-PICK&PLACE MACHINE

### SPEZIFICATION:

- Number of Heads (Vision on the Fly): 2
- Placement rate (under optimum condition):  
6400 CPH, 5500 CPH (IPC 9850)
- Feeder capacity (8mm): up to 128 Tape Feeders
- IC Tray capacity: up to 2 Waffle Trays
- Component Sense: Vision detection
- Component Size:
  - Handled by head camera:
    - smallest: 0.6 x 0.3 mm
    - largest: 16 x 14 mm
  - Handled by fixed Bottom Vision Camera:
    - smallest: 0.4 x 0.2 mm (option)
    - largest: 150 x 100 mm
- Resolution:
  - 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: 435 x 430 mm
  - with 1 Waffle Tray: 435 x 270 mm
- Placement Area with conveyor:
  - without Waffle Tray: 435 x 460 mm
  - with 1 Waffle Tray: 435 x 310 mm
- Programming:
  - Direct Input
  - Teach-In by Camera
  - CAD Access (option)
  - Barcode Reader (optional)
- Industrial PC with Windows 10
- Power Supply: 230VAC
- Power: 2400W
- Pressure: 75 psi (5.5 bar), max. 200L/min
- Machine Size: 1270 x 990 x 1355 mm (L x W x H)
- Weight: 710kg

