

AUTOTRONIK

Fertigungssysteme für die **Elektronikindustrie**

AUTOTRONIK-SMT GmbH
Sulzbacher Str. 111
D-92224 Amberg

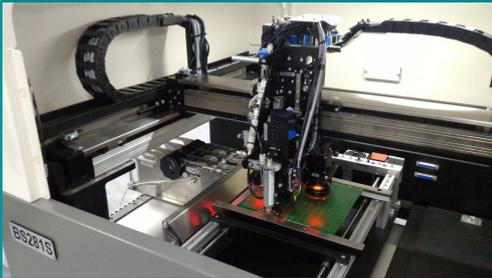
Tel +49 (0) 9621-600 691
Fax +49 (0) 9621-600 692

office@autotronik-smt.com
www.autotronik-smt.de

MODEL: BS281E-V

SMT-PICK&PLACE MACHINE

- ▶ Perfect for prototyping & small volume production
- ▶ Automatic detection of loose components
- ▶ High Accuracy and high Flexibility from 0201 up to 0.5 mm fine pitch
- ▶ 64 intelligent Auto Tape Feeder w. Quick Scan Function
- ▶ Belt-driven in X-Y direction
- ▶ Up to 3.000 CPH
- ▶ COGNEX Alignment System „Vision On the Fly“
- ▶ Digital Bottom Vision Kamera for fine pitch QFP & BGA
- ▶ Automatic Reference Point Recognition
- ▶ Dispenser System
- ▶ Vision Inspection
- ▶ Universal CAD Conversion
- ▶ Barcode Reader for Feeder setup



Innovative Features



Unbeatable Service



Worldwide for you!



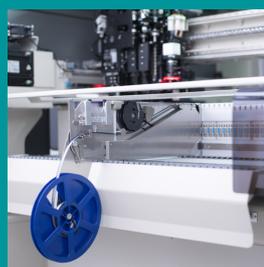
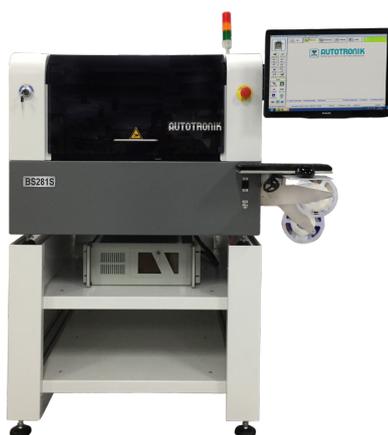
Specialist in small and medium-sized manufacturing.



Quality & innovation at a fair price.



All from one hand.



Intelligent feeders in all common sizes. Component spectrum from 0201 to 100x150 mm, component height up to 15mm



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

MODEL: BS281E-V

SMT-PICK&PLACE MACHINE

SPEZIFICATION:

- Number of Heads (Vision on the Fly): 1
- Placement rate (under optimum condition):
3000 CPH, 2500 CPH (IPC 9850)
- Feeder capacity (8mm): up to 64 Tape Feeders
- IC Tray capacity: up to 3 Waffle Trays
- Component Sense: Vision detection
- Component Size:
 - Handled by digital head camera:
 - smallest: 0.6 x 0.3 mm
 - largest: 16 x 14 mm
 - Handled by fixed digital Bottom Vision Camera:
 - 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: +/- 0.05 mm
- X/Y Repeatability: +/- 0.01 mm
- Placement Area:
 - without Waffle Tray: 320 x 415 mm
 - with 1 Waffle Tray: 320 x 270 mm
- Programming:
 - Direct Input
 - Teach-In by Camera
 - CAD Access (option)
 - Barcode Reader (option)
- Industrial PC with Windows 10
- Power Supply: 230VAC
- Power: 700W
- Pressure: 75 psi (5.5 bar), max. 100L/min
- Machine Size: 980 x 1025 x 720 mm (L x W x H)
- Weight: 165kg

