RELENTLESS STRONG PICK-AND-PLACE
Strong, Flexible, Adaptive & Modular

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RELENTLESS PLACING AND DISPENSING


- Highspeed Placement and Jet-Dispensing
- 2 or 4 placement-axes and 1-2 dispense processes
- Optimum 18'100 cph, up to 54'300 cph inline
- Optimum 145'000 dots/h (with Piezo Jet Valve)
- Up to 280 Feeder on 2 m 2 (up to 420 inline)
- PCB size 560 x 610 mm, optional 1'800 x 610 mm
- No vibration, symmetrical mineral casting
- No warpage, no thermal drift
- Nonstop production, Smart electronic feeder
- Nonstop feeder and production changeover

LINE SOLUTION

CELL SOLUTION

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EXPANSION IN ANY DIRECTION. VERSATILE FROM PROTOTYPING TO HIGH SPEED PRODUCTION.

Multi flexible feeder, multi lane cassette or highly accurate single lane feeder. Tape, Stick, Strip, Palettes and Tray slider. Largest component spectrum; 01005 up to 80 x 80 mm, component height up to 25 mm.

Configurable heads with 1-4 placement-axes and 12 different dispensing and jetting methods. Full resolution digital Cognex vision system with auto component teach-in and unique ball recognition.

Full operator support – Automated error analysis & KPI. Training, support and troubleshooting via advanced remote access. Investment protection: all systems and heads retrofittable. Machine expansion in any direction.

Multi flexible software at your fingertips: State of the art, full graphics, 215" x 135" HD wide touch screen, Windows 10 – 64 bit, fingerprint operation, universal CNC & touchscreen, array of camera options, all-in-one jet planning, setup optimisation, stock management, ERP/MM, exception, data analysis, line management and more.

Laser Height Measurement compensation of PCB warpage

Dispensing and Jetting: Vacuum cleaning station for nozzles and tips

Tray Slider: Unique system to increase the amount of trays

Increase Boardsize: Table extension to increase the processable board size

Additional: Electrical component test system, vision boxes to increase component size to be placed, mixed to run, bulk components and more.

MULTITALENT SOFTWARE AT YOUR FINGERTIPS

Expandable in any direction.

VERSATILE FROM PROTOTYPING TO HIGH SPEED PRODUCTION.

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Wildlife consistently shows us with breathtaking flexibility how nature can adapt itself to the many different demands of its environment; that is what inspires us! Essemtec AG is a privately owned company with its development and production site in Switzerland. The product portfolio comprises of production equipment for electronic assembly and more. Our high tech solutions can be adjusted quickly and easily to meet wide ranging requirements; we are therefore able to respond to all manner of customer requests. That’s why “naturally adaptive” is our motto across all ranges.

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