



FLEXIBLE COMPONENT FEEDING CONCEPT

Accurate, Smart, Versatile & Agile

naturally adaptive.



FLEXIBLE COMPONENT FEEDING CONCEPT

Introducing - the operator time saver - for all types of devices. Full traceability down to single component.



MAX 280 LANES

**PLUS TRAYS AND MAXIMUM BOARD SIZE
ON A SINGLE PUMA MACHINE**

space saving.

- Up to 200 feeder lanes on 1 m² / 280 on 2 m²
- Best in its class feedercount per square meter

productivity.

- 01005 up to 80 x 80 mm, height up to 25 mm
- Hot swap, production optimization algorithms

accuracy.

- Quadro loop 01005 component picking
- On-the-fly feeder change without teaching

intelligence.

- Traceability & advanced material management
- Software concept for true non stop production

all shapes any size.

- Dual Lane 8 mm Evo Feeder
- Single Lane Feeder 12, 16, 24, 32, 44, 56, 72 mm
- Deep Pocket Feeder (Height up to 25 mm)
- Cassette-/ Tape Strip-/ Stick Feeder
- Fixed Tray/ Tray Slider/ Tray Changer
- Label-/ Barcode Feeder
- Customized Feeder such as:
THT-/LED Feeder, Vibratory Bowl etc.

naturally adaptive.



single lane dual lane tape

Evo & hyQ - fastest on-the-fly feeder changeover. 01005 - highest index speed and accuracy in this machine class. Intuitive handling. Complete range.



40mm multi lane cassette

Designed for easy and fast setup. Economical, intelligent operation of up to 10 lanes tape per cassette. 0201 components - 72 mm tape width.



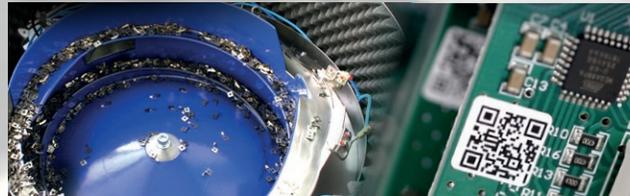
stick tape strip cut-off

Tape cut-offs in prototyping and NPI production. Those feeder accommodate all types of tapes and widths and can be kitted directly on the machine.



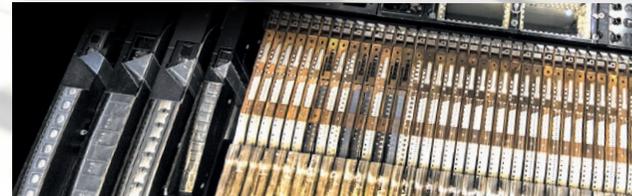
fixed trays tray changer tray slider

Unique tray setup solutions. Changer for up to 18 JEDEC trays. Slider without losing feeder space or board size. Freely programmable positions.



customized

Integration & development of customized feeding solutions, such as Barcode Label, Vibratory Bowl, Dipping Station, THT, LED's and extra tall devices.



compatibility

Multi flexible component feeding concept - Chaotic feeder placement. Speed optimization algorithms. Status LED for easy changeover concept definition.



changeover times

Modular concept to gain optimum performance in availability of components without setup changes. Optimize product changeover time down to zero.



highest flexibility

Quadro loop of components. Standard nozzles for all common SMT components, but also for LED's, bare dies, switches and a multitude of specialities.



operator support

Full operator support - barcode set up, automatic recognition via camera system. Component teach-in via self learning software & more.



new potential for your pick and place setup



**Max 280 feeder
(160 inline)**



**Max 200 feeder
(140 inline)**



**Feeder Cart
(168 feeder)**



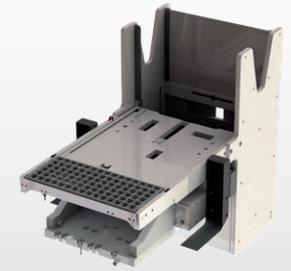
Evo Feeder



hyQ Feeder



CLM Cassette



Tray Changer



**OUR FOCUS - YOUR SOLUTION
SMART SMT EQUIPMENT**

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 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. "naturally adaptive" is our motto across all ranges.

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