

# AUTOMATIC DESTACKING LINES



With the **automatic destacking lines for new or existing press lines,** we are once again demonstrating our knowhow in the field of automation technology - from project planning, CAD design, simulation and programming to fabrication, assembly and commissioning. In addition to this "everything from a single source" concept, our customers also benefit from enormous flexibility and a wide range of options.

The destacking lines can be used for **single**, **double and quadruple part production** with varied **combination solutions.** Furthermore, a so-called **"handshake"** - i.e. the transfer or turning of parts from one robot to another - is possible. Components made of various materials up to 60 kilograms, a width of up to 1,900 mm and a length of up to 3,800 mm can be automatically destacked. With our destacking system we also set high standards regarding the destacking performance. We can achieve a destacking performance of 30 to 120 parts per minute depending on the configuration all with the fully integrated "handshake" system.

In addition to **fully automatic operation, manual destacking** - e.g. for tool fitting, prototype production or press reassignment - is of course also possible without any problems at all times



## **AUTOMATIC DESTACKING LINES MADE BY F.EE -OVERVIEW OF SOME POSSIBILITIES**



- Mechanical centering
- 2D camera system
- 3D camera system

#### **CONTAINER SUPPLY**

- Manually Forklift
- Driverless transport system
- Automatic conveyor technology

#### **POSITION DETECTION OF COMPO-**NENTS AT THE OUTPUT CONVEYOR

- 2D camera system
- 3D camera system

#### **OPTIONS**

- End-of-Line (EOL) with/without output conveyor.
- Automatic tooling change system (set-up time: 3 minutes).
- Toolings and tooling carts (storage capacity tooling carts: up to 100 pieces on the platform).
- Implementation of all your special tasks, e.g. handshake.
- Design and manufacture of the stacking containers / load carriers.
- Automation of all single, small part presses (GT presses) etc.



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