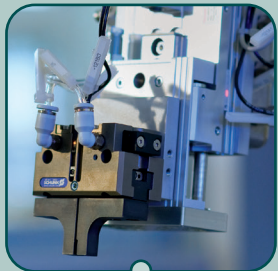
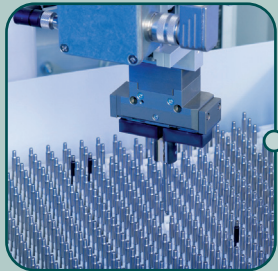


AUTOMATION



baumann



baumann

feed|box

THE ULTIMATE LOADING AND UNLOADING SOLUTION



From simple component loading to quality assurance

Robust, rapid, flexible and accurate – characteristics that make the Baumann feedbox a compact, high-performance system for the automation of manufacturing processes. The feedbox is available in various sizes. Additionally, tried-and-tested modular components enable it to be adapted to specific requirements. It is suitable for simple component handling for various loading and unloading processes and comes as a stand-alone solution or can be connected to other machines. Its wide range of applications allows the integration of complex technical machining processes or the testing of components as part of quality control. The feedbox is equipped for the requirements of Industry 4.0 and basically represents a valuable addition to the customer's production plant in terms of high productivity and cost optimisation.

High performance at the highest intensity

Designed for demanding everyday manufacturing needs, each feedbox is suitable for intensive use. In this regard, the overall performance of the cell and its high level of performance capabilities in terms of speed, safe component transport and accuracy come to the fore. Ergonomic solutions ensure easy operation and provide optimum access, including for maintenance purposes. The guarantee of absolutely clean components, especially when handling partially aggressive media, such as acids and oils, is another important aspect. In addition, other criteria such as component traceability, safety, sustainability and efficiency, for instance through short cycle times, play a significant role.

PRODUCT CHARACTERISTICS

Configuration basic cell

- Handling system: 6-axis robot
- Load capacity: ≤ 5 kg
- Sizes: 1600 x 1100 mm
2000 x 1100 mm
1600 x 1600 mm
1600 x 2000 mm
- Pallet weight: ≤ 60 kg
- Pallet size: ≤ 400 x 600 mm
- Beckhoff control unit
- MMI with 10.4" touch panel, multi-lingual
- SPC, good/fail part sorting
- Profibus interface, TCP/IP etc.

Options handling systems

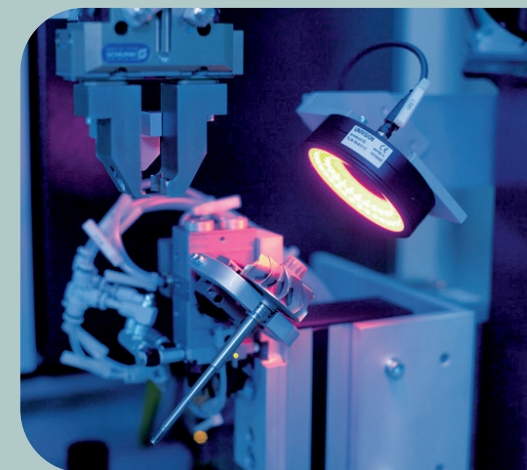
- Scara robot
- Linear axes or gantry systems
- Options possible, e.g. load capacity : ≤ 20 kg

Options feeding modules

- Stacking module
- Conveyor system
- Drawer
- Lean-system

Options processing modules

- Vacuum, cleaning
- Aligning, flipping
- Assembling, mounting
- Measuring (pre-, post-process)
- Classifying, labeling
- Testing (mechanical, vision)
- Deburring, brushing
- Interconnecting cells
- Networking (host)
- PDA



BAUMANN-AUTOMATION.COM

