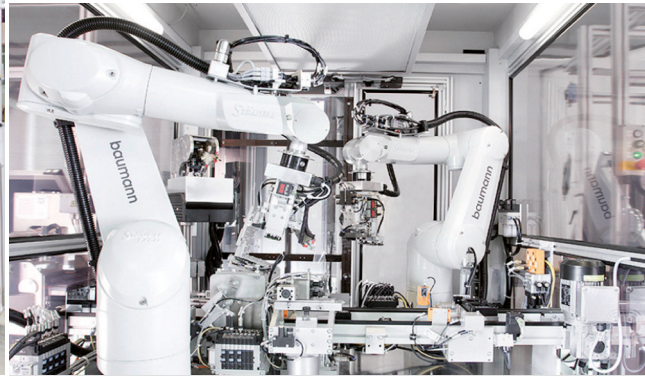


baumann
ro|box

THE PLATFORM FOR
YOUR FLEXIBLE AUTOMATION



baumann
ro|box

The **baumann ro|box** is the standardized Plattform for robot applications and stands out for its high flexibility, quick delivery and setup time.

Primarily used for handling and assembly tasks, the intelligent cell system is based on mechanical and electrical standards.

The grid size (500 mm) available cell can be operated as stand-alone or inline. It enables the use of SCARA, 6-axis arm and cartesian robots as well as axis systems.

With its modular design and integrated control unit beneath the workspace, the ro|box remains compact, yet still easily accessible.

The stiff steel construction and the high net weight of the frame provides for an optimal vibration absorption caused by the robot and allows high

movement speeds. The cell is ESD-capable, fully covered and includes an emergency stop and safety concept.

Plug & Play

Predefined interfaces for mechanics, electronics and pneumatics in the corner pillars enable comfortable extension possibilities, in addition to the smooth and quick assembly. Extension modules and cells can be easily and directly connected. The frontside and/or backside mounted control panels make the system operation from both sides accessible.

Combined with the ro|box software, makes the baumann ro|box the perfect standardized and individualized platform for your application needs.

Product characteristics

Cell sizes

- Model 2.3 1000 x 1500 x 2100 mm
- Model 3.3 1500 x 1500 x 2100 mm
- Model 3.4 1500 x 2000 x 2100 mm
- Model 4.3 2000 x 1500 x 2100 mm
- Model 4.4 2000 x 2000 x 2100 m

Robot

- Scara
- 6-axis
- Cartesian

Feeding modules

- Tray magazine
- Drawer
- Bulk material feed
- Tape & reel feed
- Blister feed

Component transportation

- WT-Transport system
- Rotary table
- Panel conveyor belt
- Component transportation without WT

Process modules

- Mounting
- Assembling
- Riveting
- Bonding

Test modules

- Mechanical and electrical testing

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