

GESSMANN

YOUR SOLUTIONS FOR MODERN COBOT CELLS

The GESScell combines precision, efficiency, and flexibility in a single system. It not only performs classic welding tasks, but also maps complete process chains – from setup and material provision to the finished product.

Unlike conventional welding cells, which are usually limited to a single process, the GESScell offers significantly more possibilities thanks to its integrated tool change system.

Welding can be combined with additional processing steps – for greater productivity and versatile application options.



CE-certified safety concept



Simple, intuitive operation



High flexibility



Consistent, reproducible welding quality



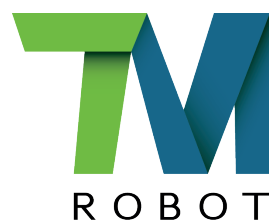
Low total cost of ownership

GESSMANN

WELDING REIMAGINED WITH THE ROBOTIC CELL

At Gessmann, we faced the challenge of welding small and medium-sized series with changing components efficiently and safely. Conventional robots were too inflexible, manual welding too time-consuming.

The solution: our GESScell – compact, CE-compliant, DEKRA-tested, and ready for immediate use. Today, we weld faster, more safely, and more flexibly – developed from practical experience and made for practical use.



W. Gessmann GmbH | 74211 Leingarten Stand 05/26



GESSMANN



Over 95 years experience and quality!



World market leader industrial joysticks



Strong growth worldwide

W. Gessmann GmbH

Eppinger Straße 221
74211 Leingarten

Siemensstraße 17
74193 Schwaigern

Phone: +49 7131 40 67-723
robotics@gessmann.com
www.gessmann.com



LinkedIn

WWW.GESSMANN.COM



GESSMANN

ROBOTIC CELL

GESSMANN

EN

GESSMANN®

MAXIMUM EFFICIENCY MINIMUM COSTS

- ✓ **Complete process automation** – from setup and material provision to the finished product
- ✓ **Maximum cost-effectiveness** – significantly reduced personnel costs and a fast ROI.
- ✓ **Flexibly expandable** – more than just welding possible thanks to the tool change system.
- ✓ **Welding equipment-independent** – compatible with all common robotic welding equipment.
- ✓ **Easy to use** – intuitive programming without expert knowledge.
- ✓ **Certified safety** – Dekra and CE-tested complete solution, ready for immediate use.

SYSTEM DATA:

Cell dimensions: 1180 mm × 2090 mm × 2235 mm

Cobot working range: 1300 mm, 12 kg

Supported welding processes: MIG/MAG, TIG

Tool change system: flexibly expandable

Integrated cobot camera: automatic component recognition, documentation

User interface: intuitive HMI, drag & drop, teach-in

Safety features: CE, Dekra tested, glare protection, smoke extraction

Network connection: interfaces such as Profinet, Ethernet/IP, OPC-UA

Options/extensions: e.g., AI-based image evaluation, database connection

GESSMANN

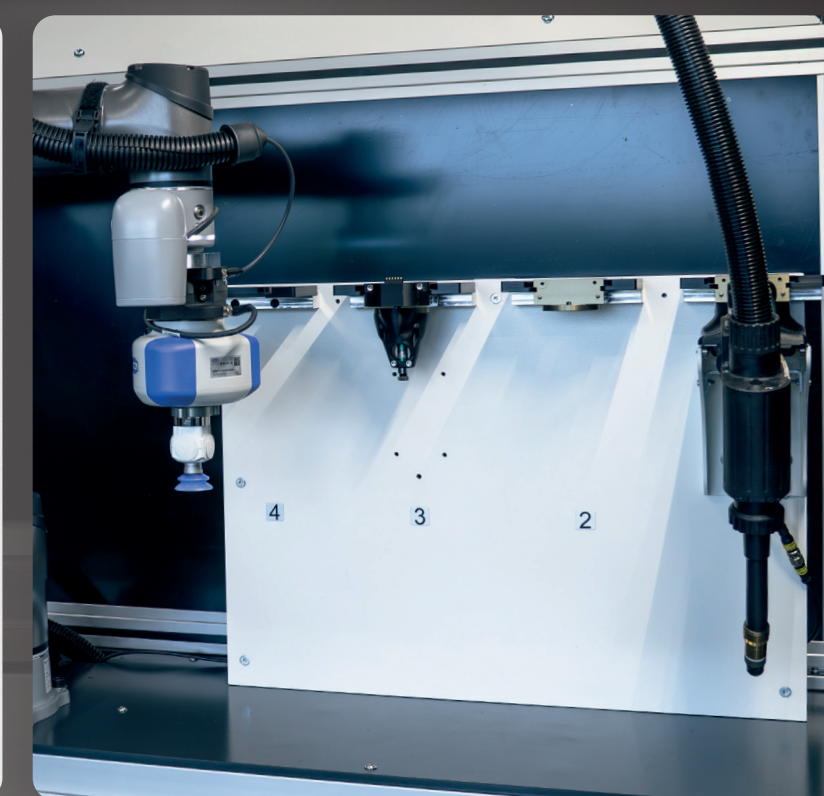


SIMPLE PROGRAMMING *WITHOUT EXPERT KNOWLEDGE*

Unlike traditional industrial robots, which require special expertise, the GESScell can be programmed intuitively.

MAXIMUM VALUE CREATED *MINIMUM STAFFING REQUIRED*

While conventional welding cells often tie up personnel for loading or changeovers, the GESScell automates entire process chains.



CERTIFIED SAFETY

Our Dekra and CE-certified complete solution offers the highest quality and safety – ready for immediate use. Trust in proven technology that simply works.

