

System engineering

be in motion





Baumüller systems engineering – complete automation projects

Baumüller is your partner for customized automation systems and applications. Our engineering competence includes the entire automation spectrum and extends from the preparation of the entire machine or installation concept to comprehensive project engineering, installation and commissioning anywhere in the world. We integrate new and existing machines and robots, develop the required automation solutions and program the corresponding software. Our comprehensive services, including predictive maintenance complete our package.

Comprehensive

We cover all phases of an automation project via companies belonging to the Baumüller Group and will manage the coordination of the entire project on your behalf. Therefore you always have just one contact person and can rely on the usual high Baumüller quality.

Flexible

From each individual service to the complete package: All of our services are provided in a modular concept. This means that you have the flexibility to choose between the design and implementation of the entire machine or system or just the creation of a concept automation.

Independent

Baumüller provides a comprehensive and scalable portfolio of intelligent hardware and software in order to implement automation and drive solutions. Our complete solutions, however, are manufacturer-independent and are implemented according to your requirements.

User-customized

Accordant to your requirements, we can manage the design and implementation of your new installations as well as upgrades or retrofits to your existing systems.

Baumüller systems engineering – customi

Automation concept



Consulting, process analysis and process optimization

Development of product concepts

Redesign, retrofit and modernization

Project management

Complete automation system

Customer-specific hardware planning



24/7 hotline

Remote diagnosis and remote maintenance

Service level agreements

Customer specific stocking

Audits

Predictive maintenance

Condition monitoring

Maintenance, repair and service (manufacturer-independent)

Service and modernization



zed automation systems and applications

System engineering

Hardware construction (CAD electrical construction and and circuit diagram preparation, e.g. with EPLAN Electric P8, ELCAD and RUPLAN)

Software engineering, PLC programming, visualization

In-house switch cabinets production (from individual items to large series production)

Electronic development and electronics production

Construction and production of your mechanics

Software that complies with IEC61131 (PLCopen), Baumüller ProMaster/ProProg/ProViz, SIEMENS TIA and S7, PCS7, WinCC, etc.



BAUMÜLLER

ENGINEERING

Installation

Start cycle monitoring circuit, tests

Commissioning throughout the world

Production assistance including training of your operating and maintenance staff

Training and consulting

Relocation



Installation and commissioning

Service throughout the world



Over 40 sites throughout the world
Sales – application – service – production

Associations and institutions



Our customers

Our customers include well-known companies from a wide range of machine engineering sectors. Examples of successfully completed projects:

- ⊙ Machine tools
- ⊙ CNC woodworking machines
- ⊙ Offsetprinting presses
- ⊙ Label printing machines
- ⊙ Extruders
- ⊙ Amusement rides
- ⊙ Meat and sausage product machines
- ⊙ Flexographic printing machines
- ⊙ Handling and robotic systems
- ⊙ Plastics machines
- ⊙ Cranes
- ⊙ Enveloping machines
- ⊙ Enveloping systems
- ⊙ Microsystem technology machines
- ⊙ Metal processing machines
- ⊙ Metal packaging machines
- ⊙ Paper processing machines
- ⊙ Test benches
- ⊙ Tubular bag machines
- ⊙ Synchronous laminators
- ⊙ Textile machines
- ⊙ Packaging machines
- ⊙ Winding systems
- ⊙ Tile preparation and forming





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