



SITEC

SUCCESSFUL AUTOMATION OF PRODUCTION PROCESSES

CONVINCING WITH INNOVATIVE SOLUTIONS.
ACROSS ALL INDUSTRIES.



Automotive



E-Mobility



Medical engineering



Electrical engineering



Telecommunications



Renewable energies



Mechanical engineering



Contract
manufacturers and
series producers



SITEC Industrietechnologie GmbH, with its head office in Chemnitz, is closely connected to the long and successful tradition of the Saxon machine and tool building industry.

We have more than 20 years of experience as an international supplier of innovative machining systems for specific production solutions. Our solutions are distinguished by a high level of know-how, the use of innovative technology and a close partnership with our customers in a wide range of applications and industries.

Our practical and interdisciplinary research and development leads directly to the automation solutions required by the demanding work performed by our customers.

Our solutions are distinguished by their high degree of flexibility and precision and their certified quality.

Cerified according to: ISO 9001
ISO 14001
ISO/TS 16949
VDA 6.4



PARTNERSHIP IN PROGRESS – FROM THE VERY BEGINNING



DEVELOPING NEW SOLUTIONS TOGETHER

We will assist you in developing your products and in designing the appropriate production processes.

The plant plans you will receive all focus on efficiency, energy conservation and ergonomics.

3-D simulations and MTM analyses enable a realistic view of available processes and capacities for optimising your production process.



SITEC AUTOMATION - FOR THE DECISIVE PLUS IN PRODUCTIVITY

SYSTEM COMPETENCE IS OUR STRENGTH. ACROSS ALL INDUSTRIES.



- Automotive
- Power Train
- Motor-Management
- Safety
- Interior/Exterior
- Communication
- Electrical Engineering | Electronics
- Renewable Energies

Our experience with systems grows with each new challenge.



IHI Charging Systems International

A large number of innovative products which accompany us every day have been made for years now using SITEC equipment. Today we are already developing and making automatic production systems for tomorrow's products.

This is where advanced engineering know-how is an absolute must for successfully implementing your product-specific requirements. This is where our strength lies.

- Assembly work
- Pressing
- Screwing
- Clinching
- Gluing
- Laser welding
- Laser cutting
- Laser hardening
- Laser drilling
- Other welding methods

- Machine vision
- Labelling
- Weighing/Dosing
- Greasing/Lubricating
- Testing
- Handling and Transport

We offer our engineering skills and our partnership in progress for new impulses and innovative integrative solutions: from the mechanical system to the process control, from the individual module to the complete system. Guaranteed with the highest quality. Efficient and ecological.

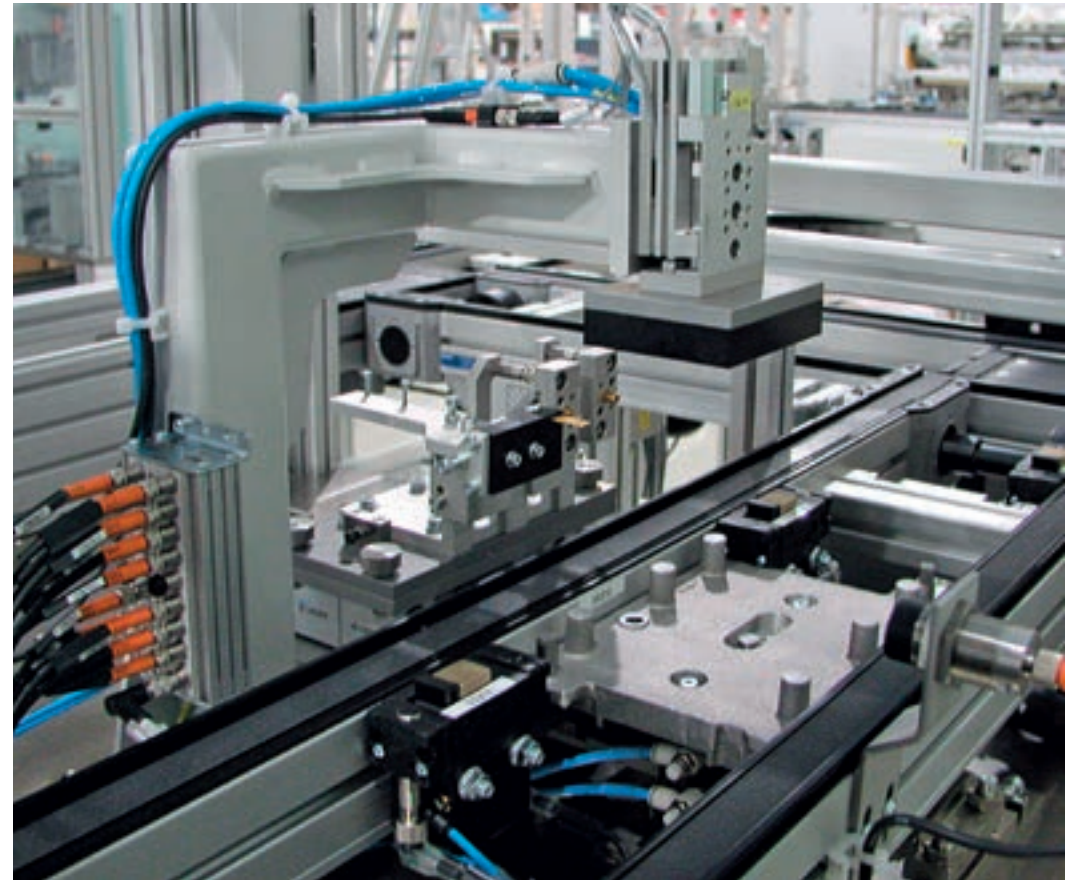




AUTOMATION – HIGH-TECH AND CUSTOMISED

Whether manual workplaces or fully automatic production lines, your individual requirements regarding variability, the development of the number of pieces and the variety of the types are always at the centre of the selection of the optimised plant type.

- Fully automatic lines
- Interlinked systems
- Rotary transfer machines
- Robot solutions
- Manual workplaces
- Hybrid systems



SYSTEMS FOR BETTER RESULTS – THE MODULAR WAY

Dynamic markets demand highly flexible and variable production systems which can be implemented quickly. This development leads direct to modular production systems. This means improved efficiency through re-configurable manufacturing.

VARIOMODUL® is a registered concept based on the modular principle which we consistently apply to achieve better results. This gives us the confidence we need to successfully design your demanding automation processes.

Our customers rely on VARIOMODUL®.

Standardised basic modules

VARIOMODUL® area

- 1,800 x 1,100 mm
- 1,300 x 1,100 mm
- 850 x 1,100 mm

Standard processes

- Joint gap modules with force-path monitoring system
- Pneumatic and hydraulic joint gap modules
- Screwing system with torque-angle-of-rotation monitoring system
- Measuring and testing modules
- Laser machining modules

Standard handling technology

- Rotary indexing tables
- Work piece carrier transfer systems
- Work piece synchronous systems
- Robots

Standard periphery

- Palletiser
- Supply technique bulk material
- Memory/Buffer
- Sorting technique



VARIOMODUL® is a registered trademark of SITEC Industrietechnologie GmbH.



THE PRINCIPLE **VARIOVIEW**[®]

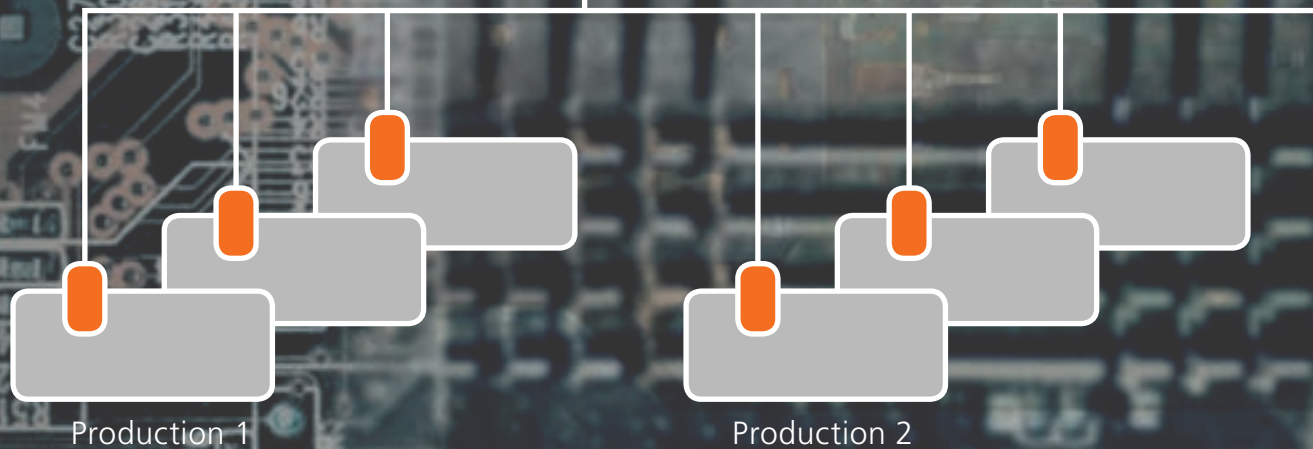
Local network (Fileserver/ERP)

Internet

Remote control service



VISUALISING
SIGNALING
TRACEABILITY
ARCHIVING
LOGGING



CONTROLLING PROCESSES. RECORDING AND ANALYSING DATA. TRACEABILITY.

High-tech automated production control systems

- SPC stored program control
- PC-based controls
- CNC controls

Efficient data recording

- Product data (Traceability)
- Machinery and equipment data (MDE/BDE)

With VARIOVIEW® ATC you will be in complete control of your machinery data. Recording, visualising, analysing and archiving – production control made easy.

The complete traceability of all quality data ensures a consistent high quality level in your production process. The machinery and equipment data allow you to monitor and optimise your production processes.



**SERVICE PARTNERS
WORLDWIDE.
FAST AND COMPETENT.**

Also after commissioning of your machines we offer you comprehensive service and support.

You can reach our SITEC service around the clock and will receive immediate support. Our service employees and partners worldwide in Europe, Asia and America guarantee a fast and competent service on the spot.



Maintanance



Optimization



Spare parts



Training



Support

Due to continuous maintenance and servicing we assure you a high availability of your machine.

SITEC

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MECHANICAL ENGINEERING

- Automated assembly lines
- Laser-machining centres
- ECM-lines

SERIES PRODUCTION

- Laser-machining
- Electrochemical machining
- Mechanical machining
- Supplier management

