



INDUSTRIAL AUTOMATION

MANUFACTURING OPTIMIZATION SYSTEMS (MES/MOM)

MACHINERY, PRODUCTION LINES, APPLICATIONS OF ROBOTS

Compas was established in 1990 and over time has become a leading Czech engineering company that deals with the automation of manufacturing technologies (technological processes, machines, lines and equipment) and plant manufacturing optimization systems (MES/MOM).

Compas has significantly expanded its solution **Digital factory for batch production** by design and the supply of technological units, production lines and robotic workplaces.



COSMETICS
PHARMACEUTICS



CHEMISTRY



FOOD
BEVERAGES



HEALTHCARE
MEDICAL AIDS

Compas specializes in batch production (food & beverage, pharmaceuticals, chemistry, medical aids). Our customers include leading domestic names and international groups with production plants in the Czech Republic and the EU. The company's business department has a list of selected references for your industry and further information.

Compas has seen steady progress since its establishment in 1990. State of art technical solutions, economic results and a strong engineering team have provided the foundation for long-term business partnerships with production companies and technology suppliers. The company has been a partner of the Siemens Automation division since 1995 and has been Microsoft's development partner since 2008. It is currently also a business partner for many leading robotics supplier companies. Compas provides clients with expertise, which is very important for building the conceptual structure of automation and production IT systems (MES/MOM) supporting unified solutions for the digitalization of factories. For further information, visit www.compas.cz.

WE OFFER COMPLETE INVESTMENT UNITS

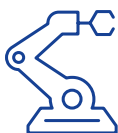
We offer our clients solutions for digitalizing production processes, based on the integration of levels ERP - MES/MOM - automation of technology with goals that are identical to Industry 4.0, as well as the possibility of partial solutions in our specializations:

- **Machine design and delivery** - we offer the supply of new technologies and modifications of existing ones with the implementation of robots by leading global manufacturers.
- **Process automation** - we offer complex solutions for electrical devices, control systems, sensors and actuators from analysis to design, delivery, assembly and commissioning. We even supply complete technological equipment in cooperation with partners specialized in the field of **process technologies**.
- **Manufacturing IT** - we supply the **MES/MOM** system COMES, with complete functionalities pursuant to ISA 95/MESA standards for planning and managing production, intra-logistics and plant maintenance. For more information, visit www.comes.eu.



ENGINEERING

- Studies and consultations regarding investment and modernization plans in technologies, implementation of robots, production IT and automation of technologies, conceptual solution of new plants
- Mechanical and electrical engineering projects in CAD (NX, EPLAN, AutoCAD)
- Projects of field instrumentation, sensors and actuators, including the application of drives
- Control system projects for PLC Simatic S7, HMI WinCC, In Touch, DCS Simatic PCS7, Beckhoff
- Development of SW applications for the above-mentioned control systems and industrial robots
- Implementation of MES/MOM system COMES and system integration with I4.0 principles
- Commissioning the delivered systems and solutions and start up supervisory
- Validation for the GMP regulated industries



DELIVERY

- Single-purpose machines, devices and technologies with robots (Stäubli, Fanuc, Kuka, ABB, Yaskawa...)
- Siemens control systems and parts and electric switchboards
- Sensors, field instrumentation, actuators and Siemens drives
- Assembly work of mechanical equipments and electrical systems



SERVICE

- Support for automation systems, non-stop hotline and service for Siemens control systems and MES/MOM system COMES