

Mechatronics for Automation

C_Applications

Integrated Mechatronic components
and systems for Smart Industrial Automation

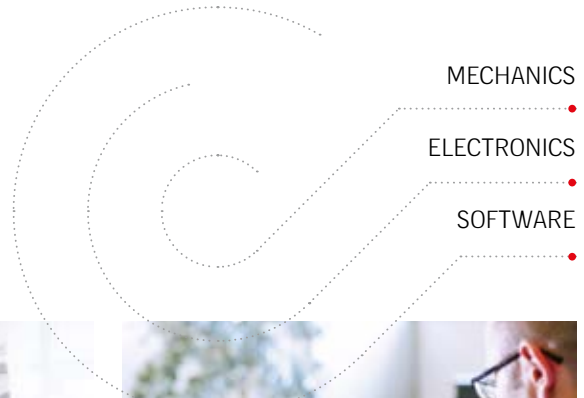


Mechatronics for Automation C_Applications



C_APPLICATIONS

Multi-technological systems for Smart Solutions



For over fifty years Camozzi Automation provides components and solutions for industrial automation, combining expertise and research for continuous improvement for itself and for its partners.

At Camozzi Automation we are well aware that every application presents different characteristics and creating added value for the client means combining technologies for motion control with electronics and information technology, to guarantee reliability, flexibility and efficiency.

With its vast know-how, Camozzi Automation created the C_Applications department with the aim to integrate these technologies in more complex systems that can be customized, in order to be able to offer intelligent solutions that could improve productivity, reduce assembly and setup times of automatic machines.

SECTORS

- › PACKAGING
- › FOOD & BEVERAGE
- › PLASTICS & RUBBER
- › LIFE SCIENCE
- › AUTOMOTIVE
- › ELECTRONIC SYSTEMS
- › TEXTILE MACHINERY
- › ASSEMBLY & ROBOTICS
- › PRINTING & PAPER
- › WOODWORKING MACHINERY

Camozzi Automation. All you need for Automation



PNEUMATIC

- Actuators
- Valves / Solenoid valves
- FRL
- Fittings
- Vacuum components

ELECTRIC

- Motors
- Servo motors
- Axes
- Cylinders
- Drives

MULTI TECHNO LOGIES

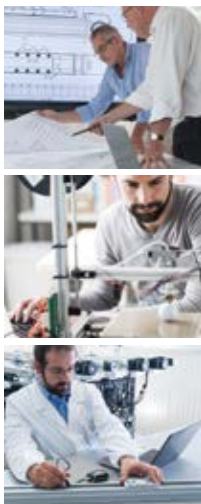
PROPORTIONAL

- Valves / Solenoid valves
- Servo valves
- Regulators

Technologies and competences to shape your ideas



01 UNDERSTANDING



- **PERFORMANCE**
(Required performance evaluation)
- **TECHNOLOGY**
(Proportional, electrical, pneumatics, fluid control)
- **PRODUCTS SELECTION**
(Actuators, fittings, valves, frl etc)

02 ANALYSIS



- **MECHANICS / FLUIDICS / SOFTWARE AND ELECTRONICS CIRCUITS**
(Concept and virtual simulation)
- **CONTROL SYSTEM**
(Algorithm for Performance Maximization)
- **SYSTEM INTEGRATION**
(Design of smart solutions)

03 DESIGN



04

VALIDATION



- **TCO ANALYSIS**
(Life cycle analysis and reduction of Total Cost of Ownership)



- **CALIBRATION**
(Setting of operating parameters on customer needs)



- **TESTING**
(Quality, reliability and performance testing)



- **PROTOTYPE**
(Physical prototyping)

05

PRODUCTION



- **INDUSTRIALIZATION**
(Production cycle analysis)



- **MASS PRODUCTION**
(Lean production system)



- **LOGISTIC**
(Supply Chain Management)



- **AFTER SALES**
(Remote assistance and local support)



Contatti principali C_Application

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