WHERE THE WORLD MEETS INNOVATION



# siroco

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*"Put all you are into
the smallest thing you do."*

**Kathy Fehst**
CEO

It's a simple way to describe us. We like what we do and we are committed, to us, to our employees, to our customers, to our suppliers and to everyone we interact daily.
We like sustained growth that substantiates trust, value by which we guide our performance.

Innovative solutions through continuous learning allied to "out of the box" thinking or if needed "inside the box", make up a blend of expertise built on years of experience, attention to detail, fast responses and result in value adding solutions that meet our customer's expectations.

We embrace SIROCO as a family that commits itself to you through its values. Our goal is to create long term relationships in which we support our customer's growth, while leading a socially and environmentally conscious business.
This is our DNA, this is our contribution.

AUTOMATION

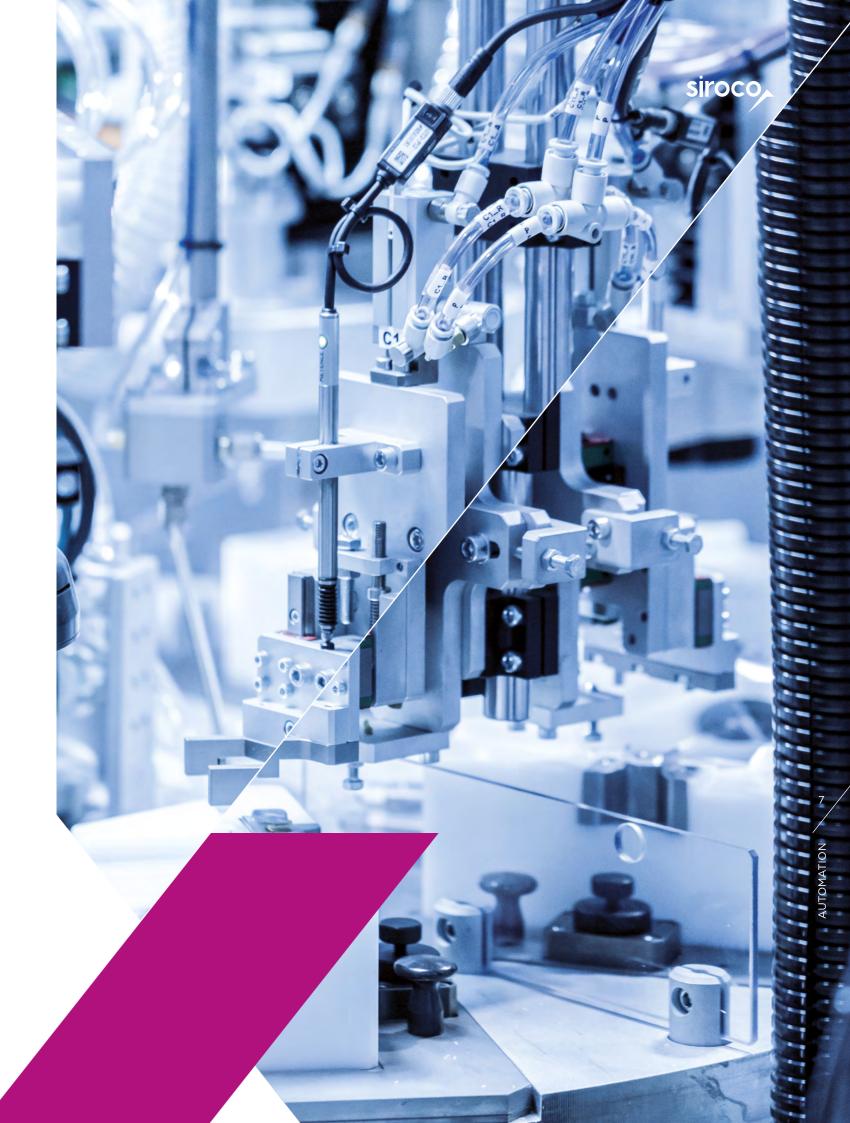AUTOMATION

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# **Welcome**
# to Siroco,S.A.

We are dedicated since 1988 to the special machine construction, featuring specifically automation solutions for high-efficient assembly lines. Our development, design and construction of machines is exclusive adapted to customer specific needs, providing complex and individual solutions.

By providing solutions in areas such as automotive, electrical and electronics industries, we are not limited, going further into medical and pharmaceutical industry, or consumer goods and household appliances. The need for assembling processes and quality control systems give us the chance to contribute with our best solution.

Having 30 years of experience in the design, development, construction of automatic solutions, our team is capable to give you the best service based on their knowledge.

Our innovative company has its core competence in special machinery and plant construction as well as development of prototypes. With our business divisions automation and mechanic, we can offer our customer a wide range of services.

Tailor-made solutions reinforced by innovative solutions provide an added value in reducing actual production costsand further improvement on your final product. We ship our machines worldwide and commissioning on-site, complete our performance. On the next pages, you will find data of our competences, capabilities and overall service.

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# COMPETENCES

*certainly we can!
Ask for what you need
and we get busy...*

## Engineering

Project planning EPLAN P8
*(electrical, pneumatic and hydraulic project)*

System integration
PLC Programming
HMI Programming
Motion Programming
Data acquisition
Process Control
Motion Control

Drive system and feedback
control technology

Technical and industrial design
and layout

Vision control systems (2D and 3D)
Laser control systems

## Capacity

Project management with Solidworks 2017 ; PDM Works: CAD/CAM System
Design for mechanical structures
Shop floor layout study

Automation Laboratory *(PLC, Vision Solution, Robotics, Pneumatics, Hydraulics)*

Quality control - Metrology and Capability Laboratory
CNC Centers *(4 and 5 axis)*
Wire EDM
Conventional Lathes; Drilling and Grinding machines

AUTOMATION

AUTOMATION

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# TECHNOLOGY

*it is part of our DNA...*

## Automation Technology

Load and Unload Units
Linking systems
Adhesive technology
Packaging
Marking

## Assembly Technology

Manual workstations
Semi-automated assembly facilities
Fully automated assembly systems

## Test Engineering

Hydraulic test engineering
Pneumatic test engineering
Mechanical test engineering
Optical test engineering

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# MECHANICA

*Completed projects prove our knowledge. Future projects decide what we will learn...*

## Production and assembly of mechanic precision products

Mechanical sub-assembly groups
Control jigs and tools
Assembly tools
Mechanic precision tools
Mechanical die
Punches

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# SUPPORT

*we always meet customer expectation. Our attitude towards others determines their attitude towards us.*

## Project Management

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Project Management
   Schematic and Layout drafting
   Technical Writing and Manuals
   Field service and startup assistance
   Programming and Maintenance Training

Commissioning
   Install
   Startup
   Training
   Technical support

Simultaneous Engineering
Soft- and Hardware modification
On-call service with rapid remote diagnosis

**AENOR**

Gestão
Ambiental

NP EN ISO 14001

**IQNet**

THE INTERNATIONAL CERTIFICATION NETWORK

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**COMPETE 2020**

**PORTUGAL 2020**

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Fundo Europeu
de Desenvolvimento Regional