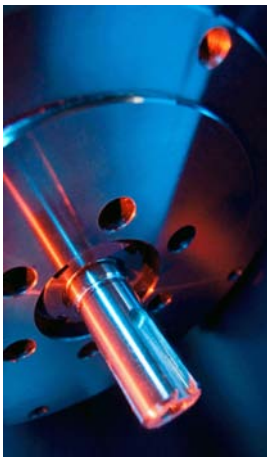




INFRANOR AG

Company, Products, Services



Standard products

- Digital Drives
- AC- and DC-Servomotors
- Programmable controllers
- Comprehensive range of accessories

Tailor-made products

- Customized Servo-drives
- Customized Servomotors

Services

- Project consulting and support
- Application support
- Training on products and applications
- Field-service, repairs, commissioning

Portrait

The INFRANOR group, founded 1941, is a well established and competent provider of demanding motion control solutions for modern machines and installations. We offer to our customers a wide range of products and services in the field of industrial automation.

The core competences of our product companies are in development and manufacturing of high-dynamic Servo-drives and Servomotors whereas our sales and engineering companies have sound know-how in the application of drive products and their integration into a complete automation concept.

It is our objective to work out the optimal automation solution together with our customer.

Standard products

With the Servo-drives and Servomotors of our product companies, complemented by a selection of adapted products from external suppliers, we can provide a vast range of standard products suitable to cover a wide area of applications in machine automation.

Servo-drives

- Fully digital servo-controllers
- 230VAC / 2.25A up to 400VAC / 100A
- From simple current-/ speed controllers to programmable positioners
- Single- and multi-axis applications
- Various field-bus systems

Servomotors

- AC- and DC technology
- Square motors
- Disk motors
- Ultra-compact motors
- Hollow-shaft motors
- Wide selection of feedback devices

Other products, accessories

- Programmable controllers
- Input/output-modules
- Brake resistors
- Optical encoders
- Various types of gearboxes
- Ready-made cables



Tailor-made products

Sometimes customized products are better suited than standard products. The high flexibility of our organisation allows us in most cases to achieve even the highest demands of our customers.

Servo-drives

- Development according to customer specifications
- Implementation of specific interfaces
- Adaptation to specific ambient conditions

Servomotors

- Optimized windings
- Specific executions of shafts
- Adapted housings
- Special feedbacks
- Customized connections

Software

- Implementation of customer-specific functions
- Adaption to specific interfaces and controllers
- Creation of software-tools according to customer demands

Services

With our highly qualified and experienced engineers we can provide a wide variety of services in order to elaborate the optimal solution together with our customer.

Consulting

- Elaboration of specifications
- Dimensioning of motors, drives and gearboxes
- Optimal choice of components

Engineering and support

- Application programming
- Elaboration of schematics
- Start-up, commissioning
- Documentation

Training

- Application programming with drives and controllers
- Start-up, maintenance, diagnostics, trouble-shooting
- In English, French, German and Italian

After-sales service

- Trouble-shooting on site
- Remote diagnostics and support by phone, e-mail and remote-control
- Repairs
- Spare parts

Complete solutions

- Cooperation with various suppliers, system integrators and engineering companies
- Realization of turnkey solutions

Continuity

- The continuity of our products, customized solutions and applications for many years is guaranteed in our organization

Applications

Our products and solutions can be found in various industries and machine types. Simple stand-alone applications, integrated in a servo-controller or complex multi-axis solutions, realized in a complete automation system, we find the most suitable solution.

Machine tools

- Gear hobbing machines
- Lathes with rotating tool head
- Rotary transfer machines
- Turning, milling, grinding machines
- Electric discharge machines
- CNC rotary tables

Packaging and handling

- Multi-axis palletization systems
- Direct drives for handling arms
- Palett wrapping machines
- Delta robots for food packaging
- Loading and unloading robots

Metal and wire converting

- Cable processing lines
- Coil winders
- Machines for production and conversion of precision woven wire meshes

Printing and paper

- Label printing machines
- Cardboard converting machines
- Cardboard printing machines
- Photo plotters

Textile

- Narrow fabric weaving machines
- Customized looms
- Draw frames

Special machinery

- CD and DVD production lines
- Devices and systems for semiconductor industry
- Stirred autoclaves

References

We have customers of all sizes in many different industries. It is our objective to fulfill the needs of each customer at the best, whether it is an international firm or a small family business.

Here is a non-exhaustive enumeration of customers:

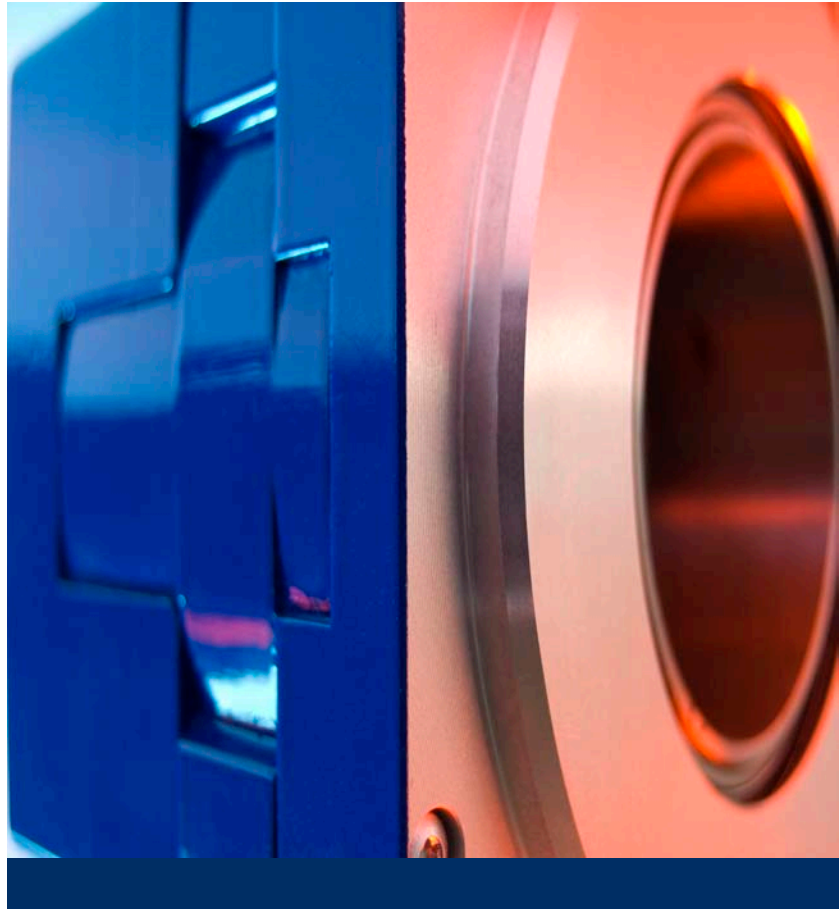


INFRANOR AG

Infranor creates added value for its customers by providing tailor-made motion solutions.

Our competences cover a wide area of automation, from the graphical user interface for the operator all the way to the shaft that applies the required torque to the machine.

With a broad offer of products and services we can guarantee to our customers the best possible support in an atmosphere characterized by good cooperation, mutual confidence and high efficiency.



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