

FIR fluidotronica



**Your partner
in
industrial
automation**

**Who
we are**

...

**Where
we are**

...

**Our
products**

...

**Our
solutions**

...

**Our
services**

...

Contacts

...



Who we are

Mission

We contribute for a sustained effort of modernization and reinforcement of the Portuguese Industry through Automation and Robotics. Our goal is to improve people’s lives by giving them the opportunity to spend their time on activities of greater value and personal fulfilment.

Vision

Our vision is to be the best within the smallest companies in the global market, in which it operates (VN <15M €), to be the largest and most profitable company (EBITDA> 20%), to remain as **one of the 3 best companies to work for** and a real Robotics and Automation School.

Values

KNOWLEDGE

OWNERSHIP: I accept my role with a high sense of responsibility and commitment watching over the welfare to my colleagues and of our organization.

RESPECT: My freedom finishes when it conflicts with the freedom of others.

Performance and Empathy: My behaviour and the quality of my work impact on the success of my team’s work as well as on the happiness of our colleagues and customers.

HUMILITY

SUSTAINED IMPROVEMENT: I am not better than others and every day I try to develop my personal skills as a professional and as a colleague by having a critical and dynamic attitude.

FLEXIBILITY: I realize that I only develop myself if I leave my comfort zone and accept change to improve people, products, and processes.

KNOWLEDGE FOCUSED IN ACTION

I look for Knowledge as the foundation of my personal development and future as well as the company’s mission.

ACTION: I realize that Knowledge is only strength if it is applied to come up with solutions.

CONSISTENCE: I do not accept and I will never answer ‘I don’t know!’ There are only 2 possible answers: ‘I know’ or ‘I will know!’

HAPPINESS

I understand work as a source of happiness because it allows me to develop my personal skills and to work together for a common purpose. Even in a professional and demanding workplace, we can all contribute for a pleasant, relaxed, and respectful working environment.

Certificates

Integrated Management System (IMS)

FLUIDOTRONICA has established an Integrated Management System (IMS) based on good management practices that result mainly from the implementation of standards ISO 9001 and NP 4457 by which the company is certified.

The Integrated Management System (IMS) represents a strategic decision of our organization that is committed to work according to specified requirements to increase efficiency and to reach high levels of performance of activities in finding innovative solutions. In addition, the IMS provides a greater flow and an organizational process approach to increase the effectiveness and efficiency of services and thus improving the overall performance of our company.

Certification of the Quality Management System

In 2015, FLUIDOTRONICA obtains the **Certification of the Quality Management System (ISO 9001)**, which was updated in 2017 to the new standard **ISO 9001:2015**.



Research and Development Research and Innovation System

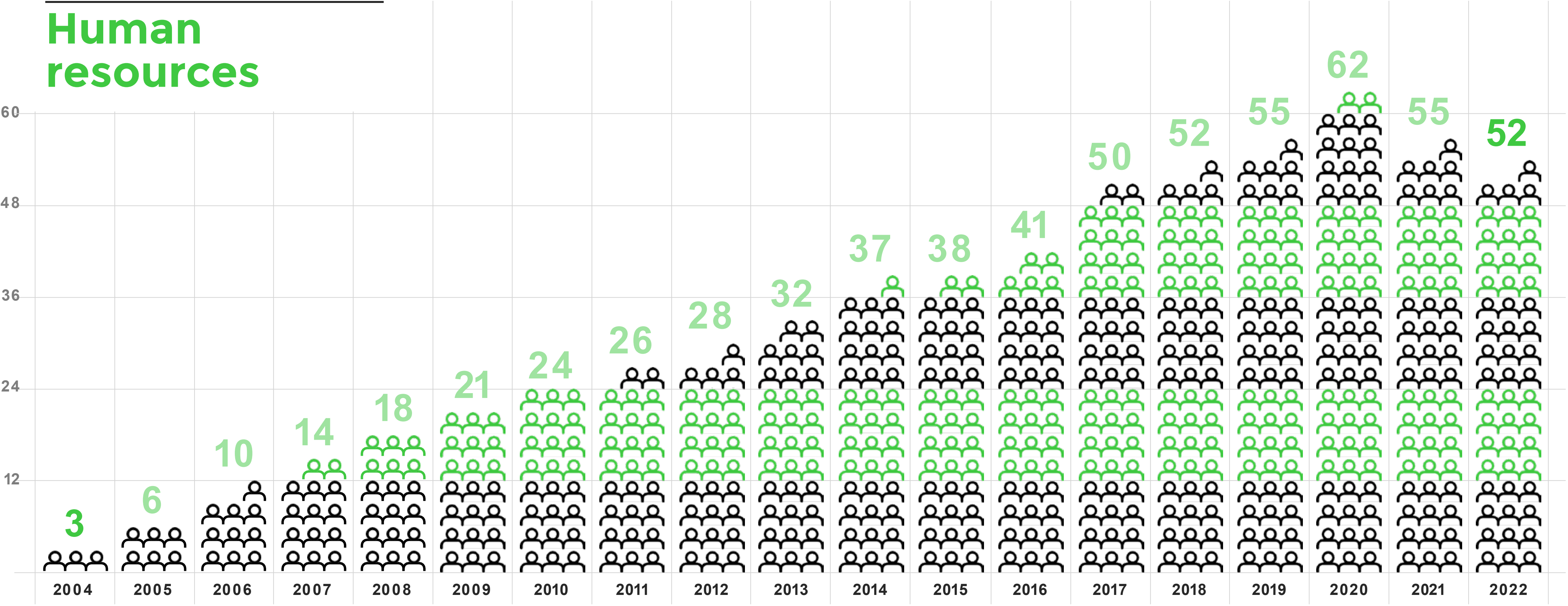
In 2019, FLUIDOTRONICA was certified under the **Research, Development, and Innovation System (IDI)**, according to the Portuguese standard **NP 4457:2007**.



Our Team



Human resources



4400 m² facilities

FLUIDOTRONICA has facilities with 4400m² divided into commercial, social, warehouse and production areas. Besides a permanent showroom, we also have several meeting and training rooms at the disposal of our partners. Our production is provided by several productive processes, ranging from conventional machining to 3D printing, as well as many other necessary processes for the good performance of our activity.





Where we are

Headquarters

■ RUA ZONA INDUSTRIAL
DA OURIÇOSA, 125
UL- OLIVEIRA DE AZEMÉIS
PORTUGAL

Where we already export

AMERICA	EUROPE	AFRICA	ASIA
USA	Germany	Morocco	Russia
Brazil	Belgium	Cape Verde	
Argentina	Croatia		
	Slovakia		
	Spain		
	France		
	Netherlands		
	England		
	Italy		
	Polska		
	Czech Rep.		
	Turkey		



Our products

Products

We are the Portuguese representatives of major brands in the area of industrial automation. These brands offer a **wide variety of products** ranging from the aluminium profile to indexing tables, including vacuum cups and linear axes.

MiniTec
THE ART OF SIMPLICITY



ALUMINIUM PROFILE

FIPA
challenge accepted



VACUUM COMPONENTES PARA MÃOS PRESAS (EOAT)



INDEXING TABLES AND PRECISION POSITIONING SOLUTIONS

JAKA[®]



JAKA Robotics

VibroSystems



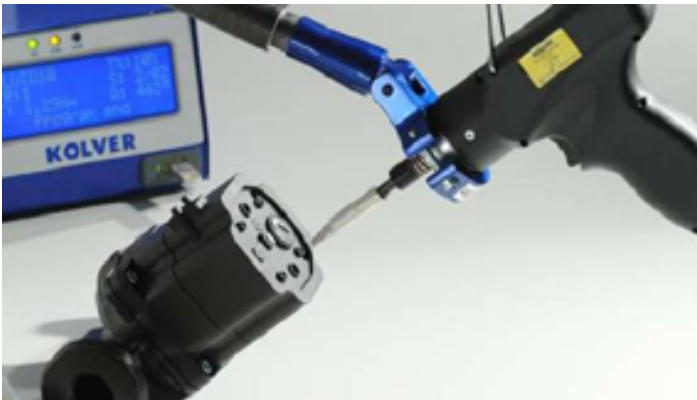
FEEDING TECHNOLOGY

STÖGER
AUTOMATION



SCREWDRIVING & FASTENING SYSTEMS WITH AUTOMATIC FEEDING

KOLVER



PRECISION ELECTRIC SCREWDRIVERS

Cleco[®]



ELECTRICAL AND PNEUMATIC AUTOMATIC SCREWDRIVERS & TOOLS

B&K
ADVANCED ERGONOMIC SOLUTIONS



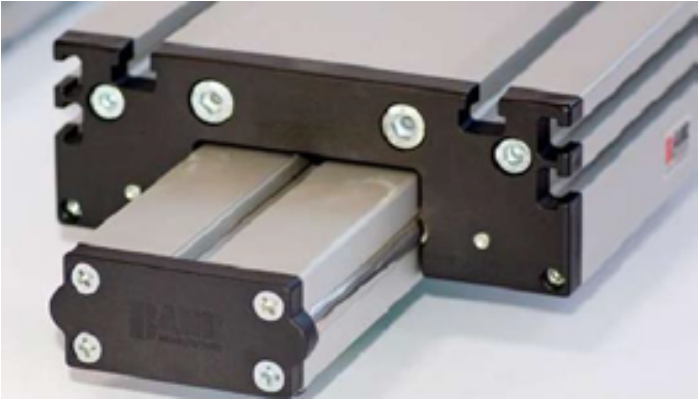
ERGONOMIC SYSTEMS

E2
SYSTEMS



DRILLING, TAPPING AND MILLING

BAHR
Modultechnik



LINEAR POSITIONING POSICIONAMENTO

Products

We are the Portuguese representatives of major brands in the area of industrial automation. These brands offer a **wide variety of products** ranging from the aluminium profile to indexing tables, including vacuum cups and linear axes.

HepcoMotion[®]
ADVANCED LINEAR SOLUTIONS



LINEAR MOTION
COMPONENTS AND
LINEAR GUIDES

 **omnitrack**[®]
omnidirectional movement



OMNIDIRECTIONAL
SPHERES

MiniTec
THE ART OF SIMPLICITY

**ALUMINIUM
PROFILE**

Profile system

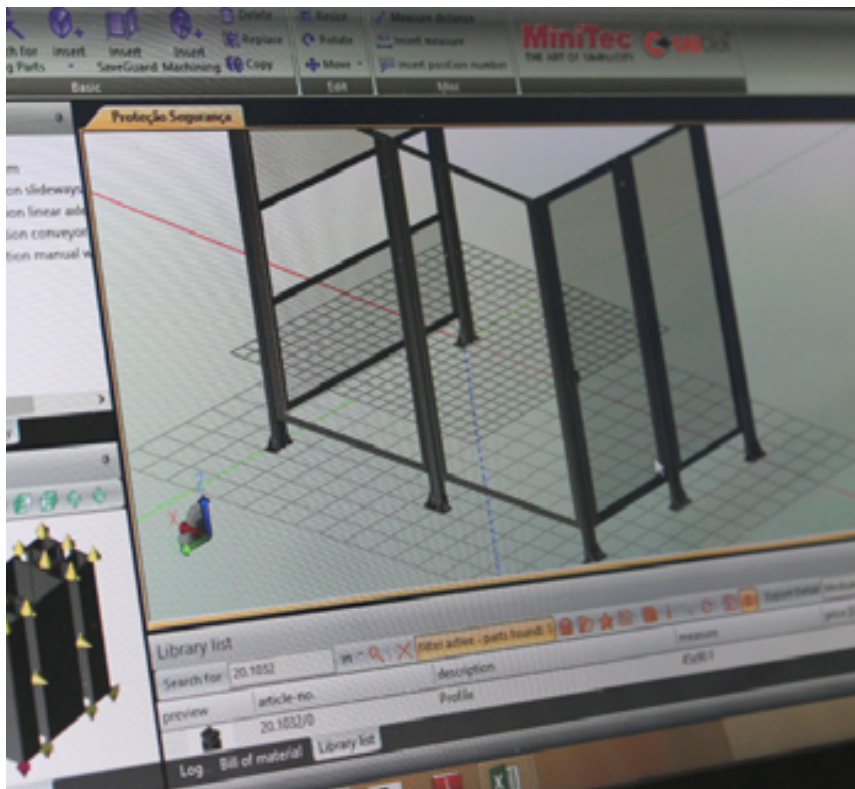
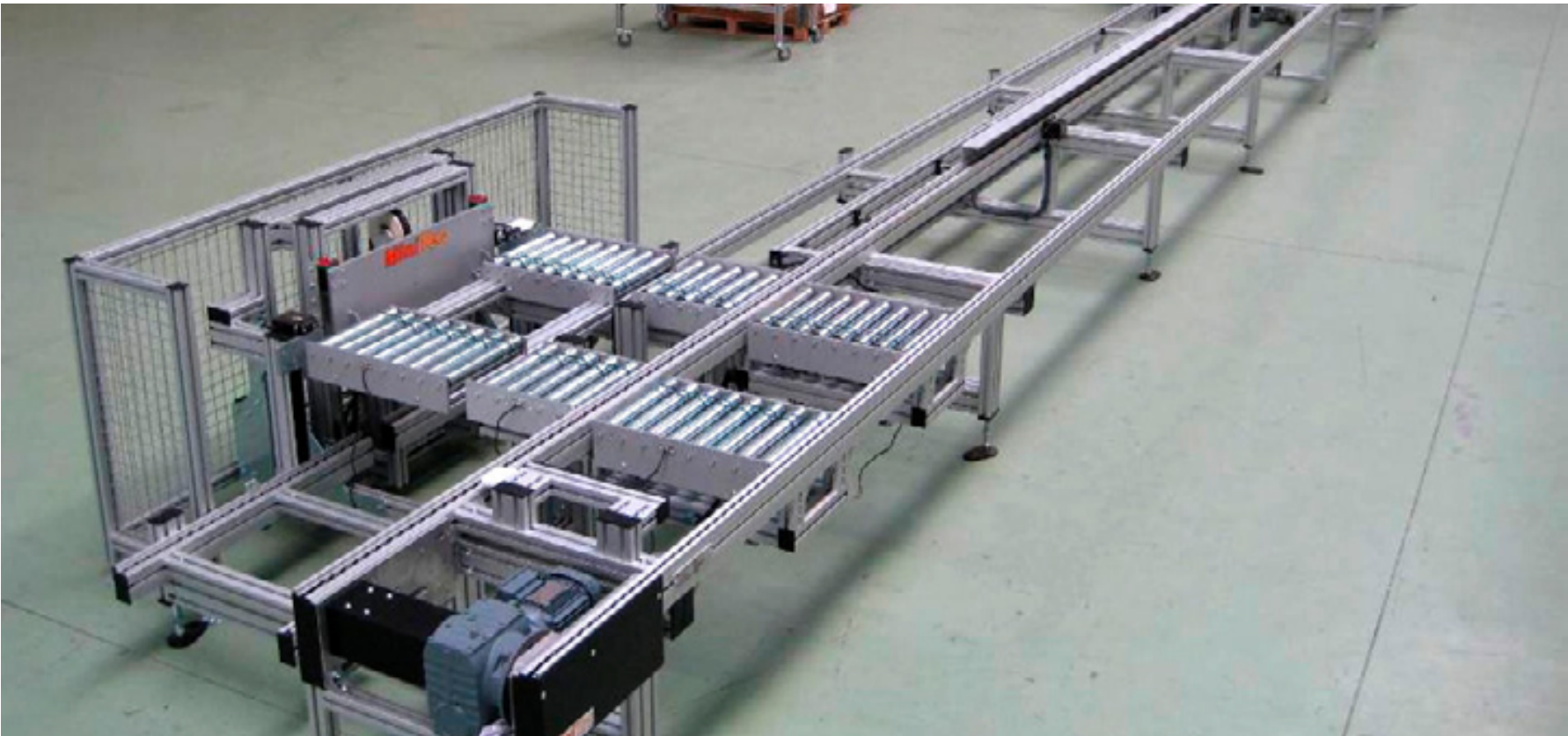
Linear system

Workplace systems | Assembly lines

Conveyor technology (belt, rollers,
timing belt, etc.)

Safety systems

Structures and special solutions





VACUUM
& END-OF-ARM-
TOOLING

Vacuum cups and accessories

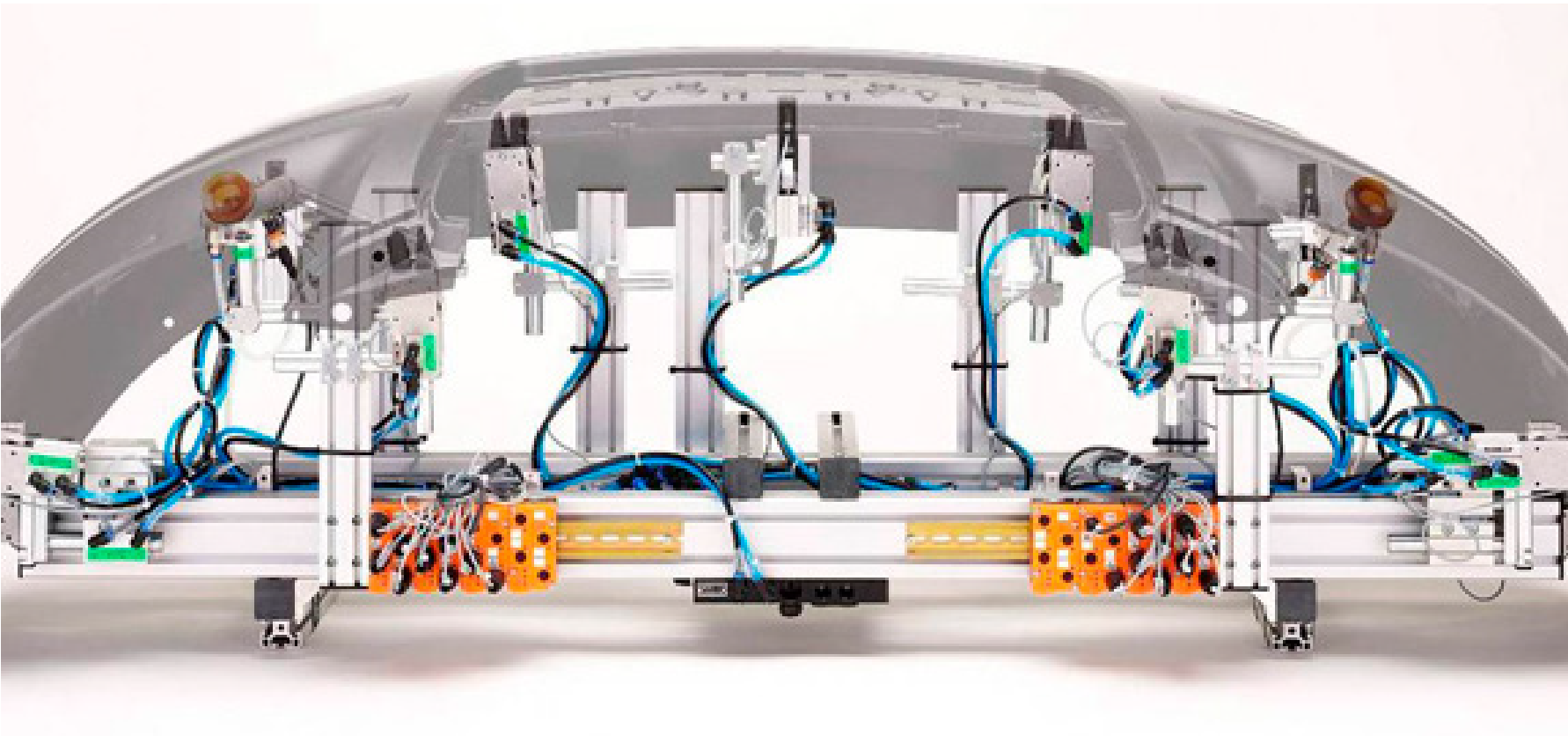
Vacuum components

End-of-Arm-Tooling

Handling systems

Vacuum grippers | Grippers | Air
nippers

FIPALift - lifting devices





INDEXING TABLES
AND PRECISION
POSITIONING
SOLUTIONS

Freely programmable indexing tables

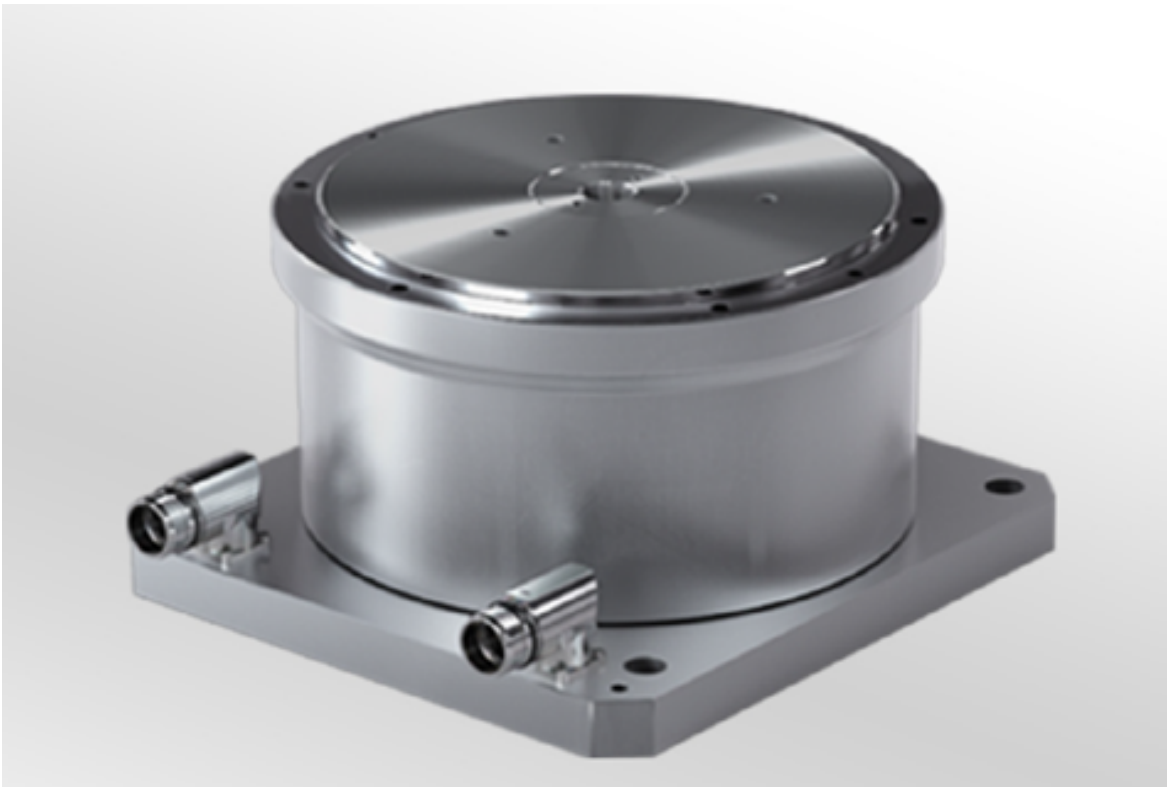
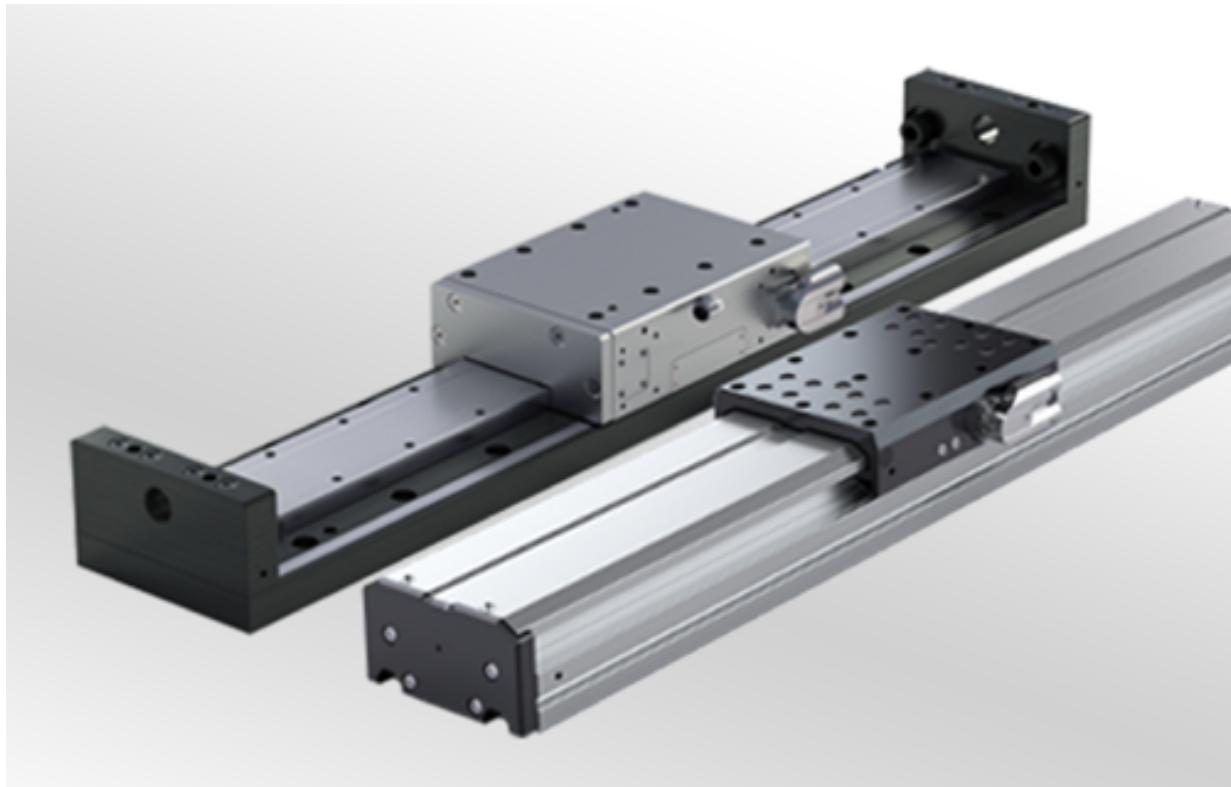
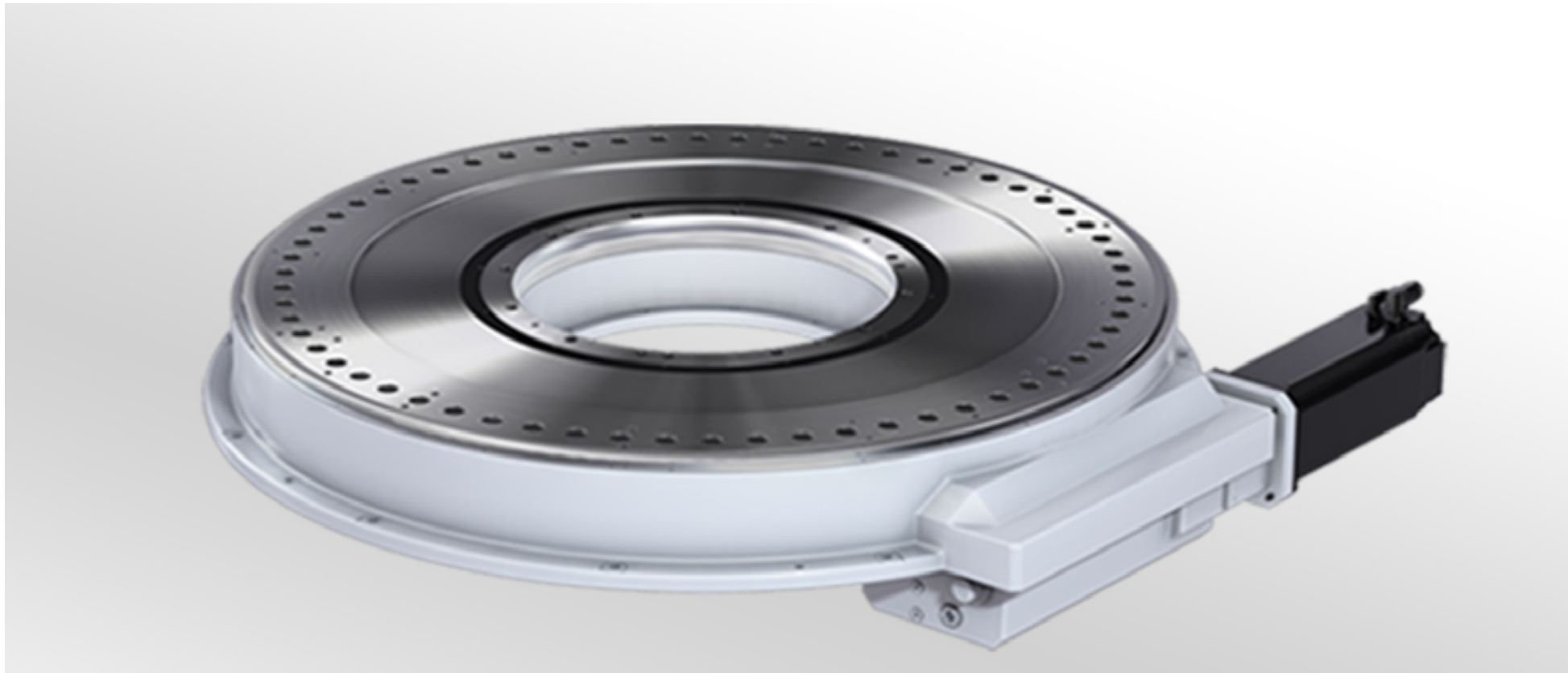
Fixed station Indexing tables

Linear axes

Handling systems

Customer-specific solutions

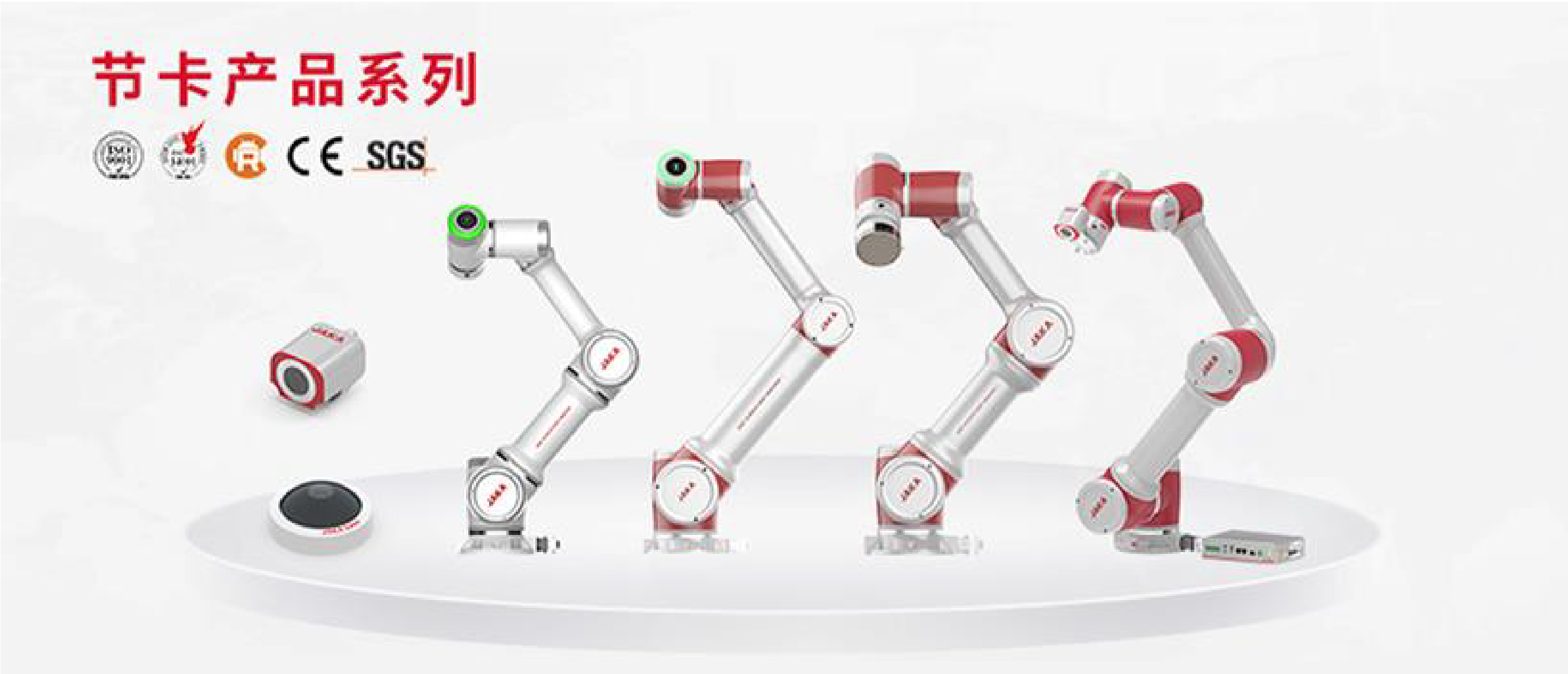
Clean room range - WEISS Cleanroom



JAKA®

JAKA Robotics

- Remote assistance
- Work safety and flexibility
- Open ecosystem tri-co interaction





FEEDING
TECHNOLOGY

Vibratory | centrifugal feeders

Cylindrical, stepped, and conical
bowls

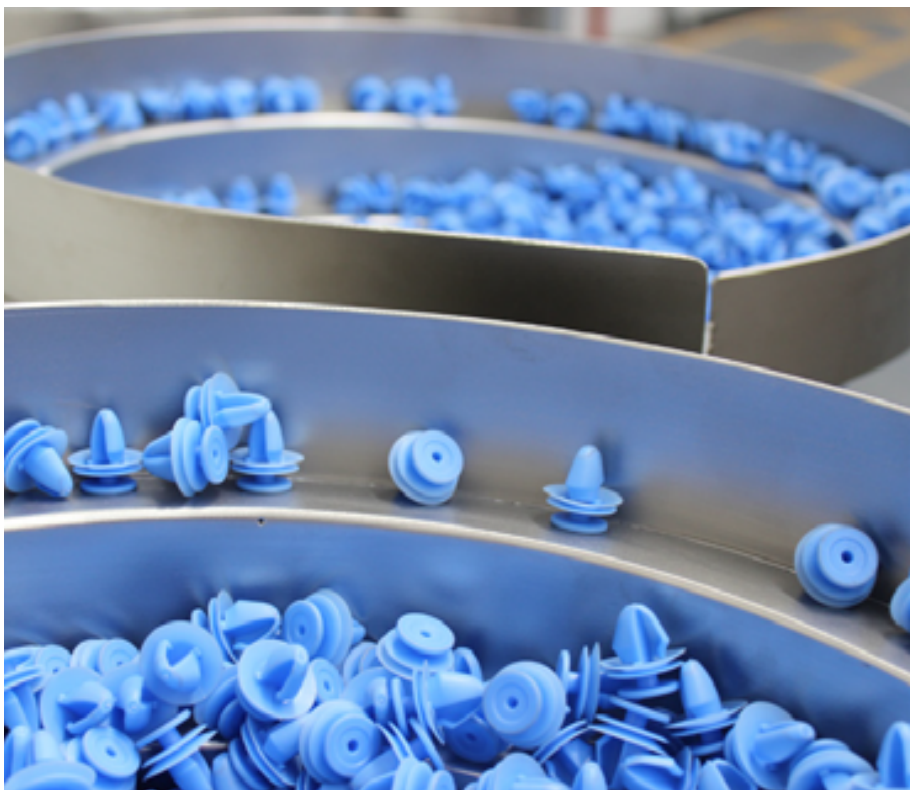
Vibratory circular drives

Vibratory linear drives

Step feeders

Hopper Units

Control units & Accessories



STÖGER
AUTOMATION

**SCREWDRIVING
& FASTENING
SYSTEMS WITH
AUTOMATIC
FEEDING**

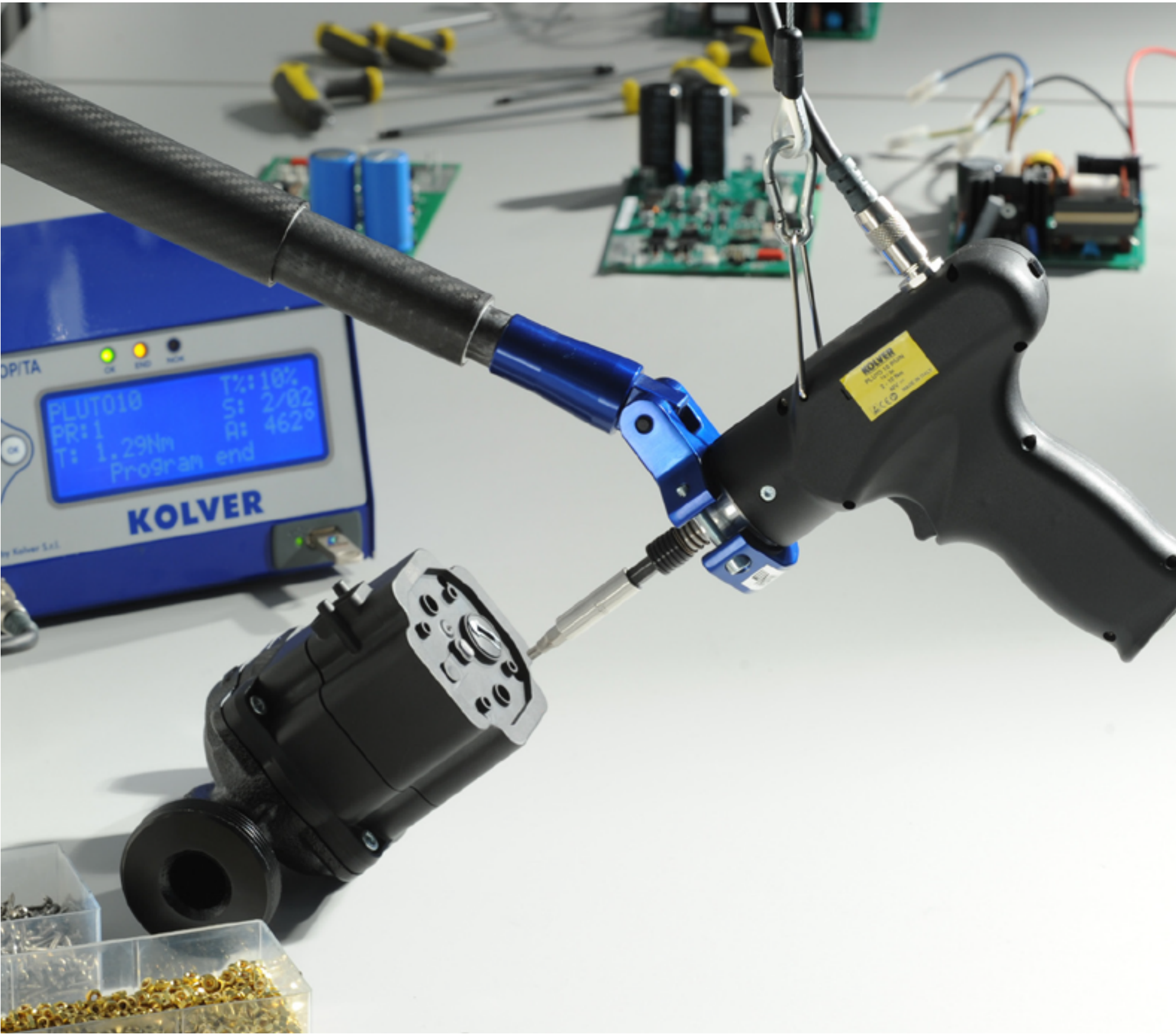
- Hand-held screwdrivers
- Automatic screwdrivers
- Setting & riveting systems
- Turn-key solutions
- Feeding units
- Control units and accessories





PRECISION
ELECTRIC
SCREWDRIVERS

- Screwdrivers with integrated transducer
- Angular screwdrivers
- Torque and angle screwdrivers
- Controllers
- Torque testers
- Automatic screw suppliers
- Reaction arms and positioning systems



Cleco®

Aparafusadoras and
Pneumatic
Automatic
Screwdrivers
& Tools

Angle screwdrivers and pistol,
corded and cordless

Screwdriver with torque and angle
control

Cable, wifi and bluetooth controllers

Tips and bits





ERGONOMIC
SYSTEMS

Torque Reaction Arms

Ergonomic Accessories

Positioning Control Systems

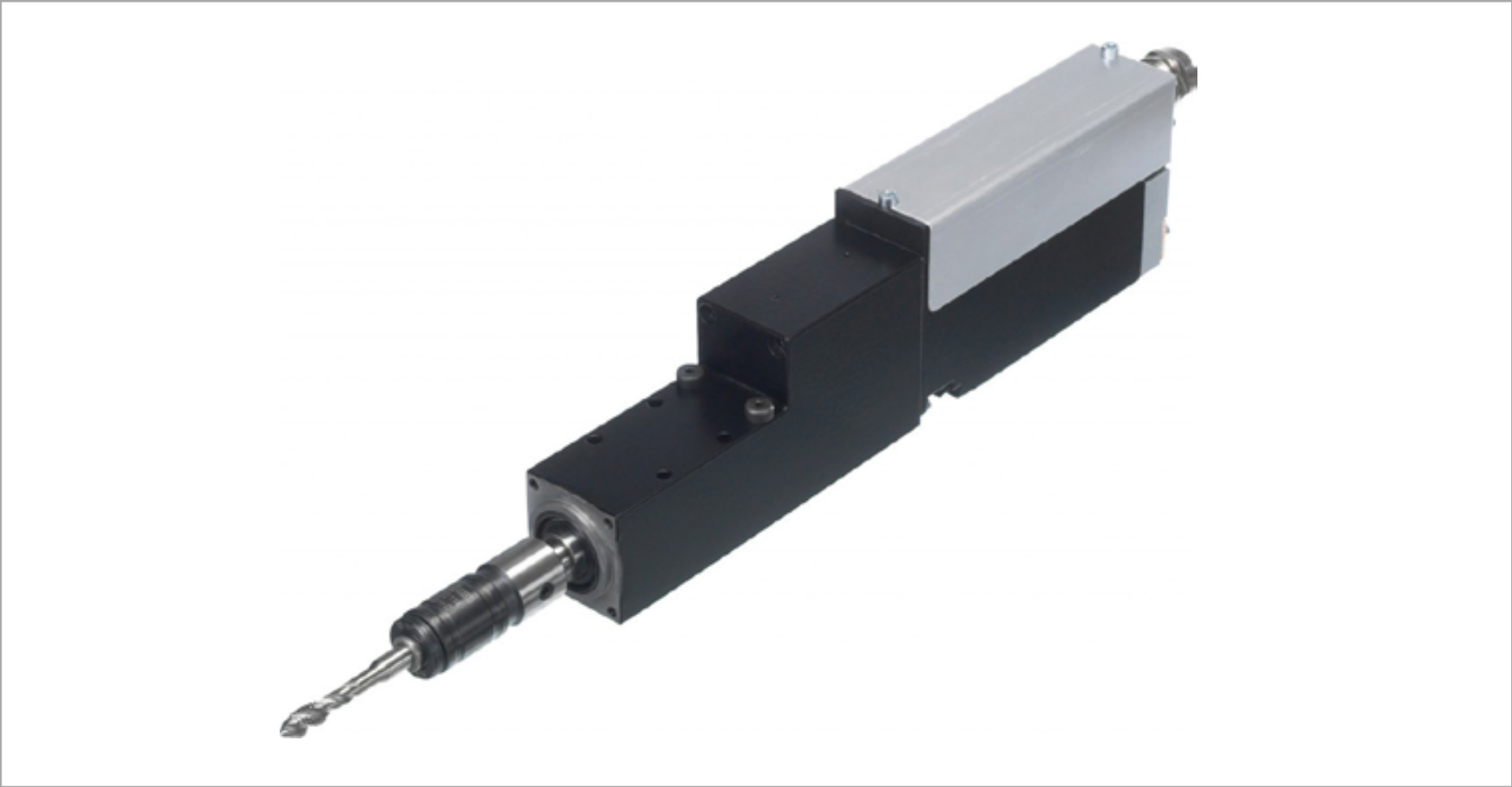
Customized ZeroG Arms Systems
(Tightening and handling)



E2
SYSTEMS

**DRILLING,
TAPPING
AND MILLING**

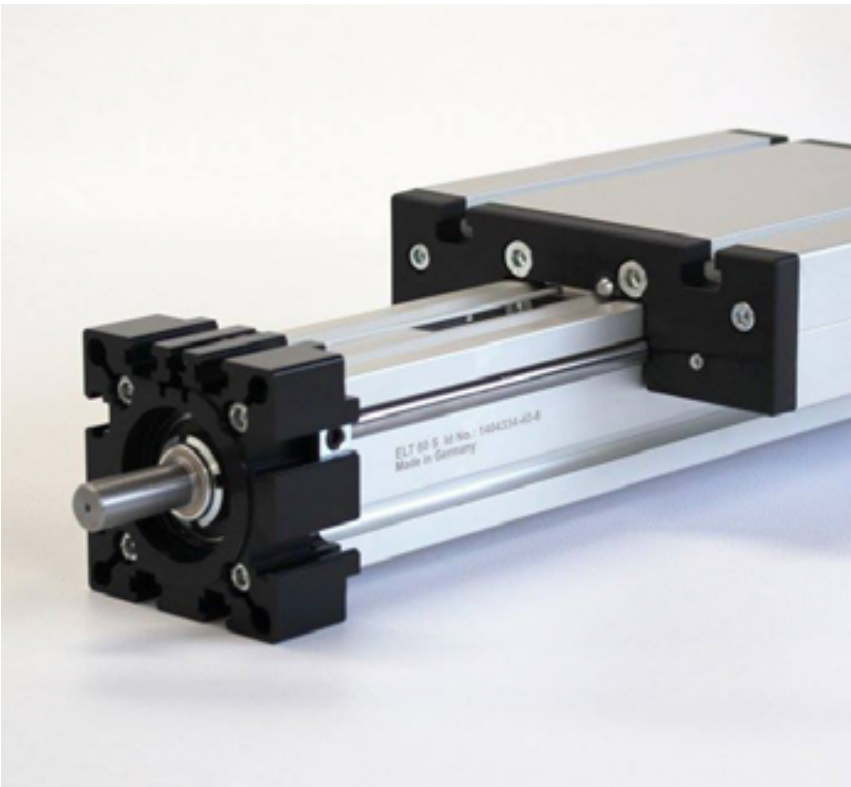
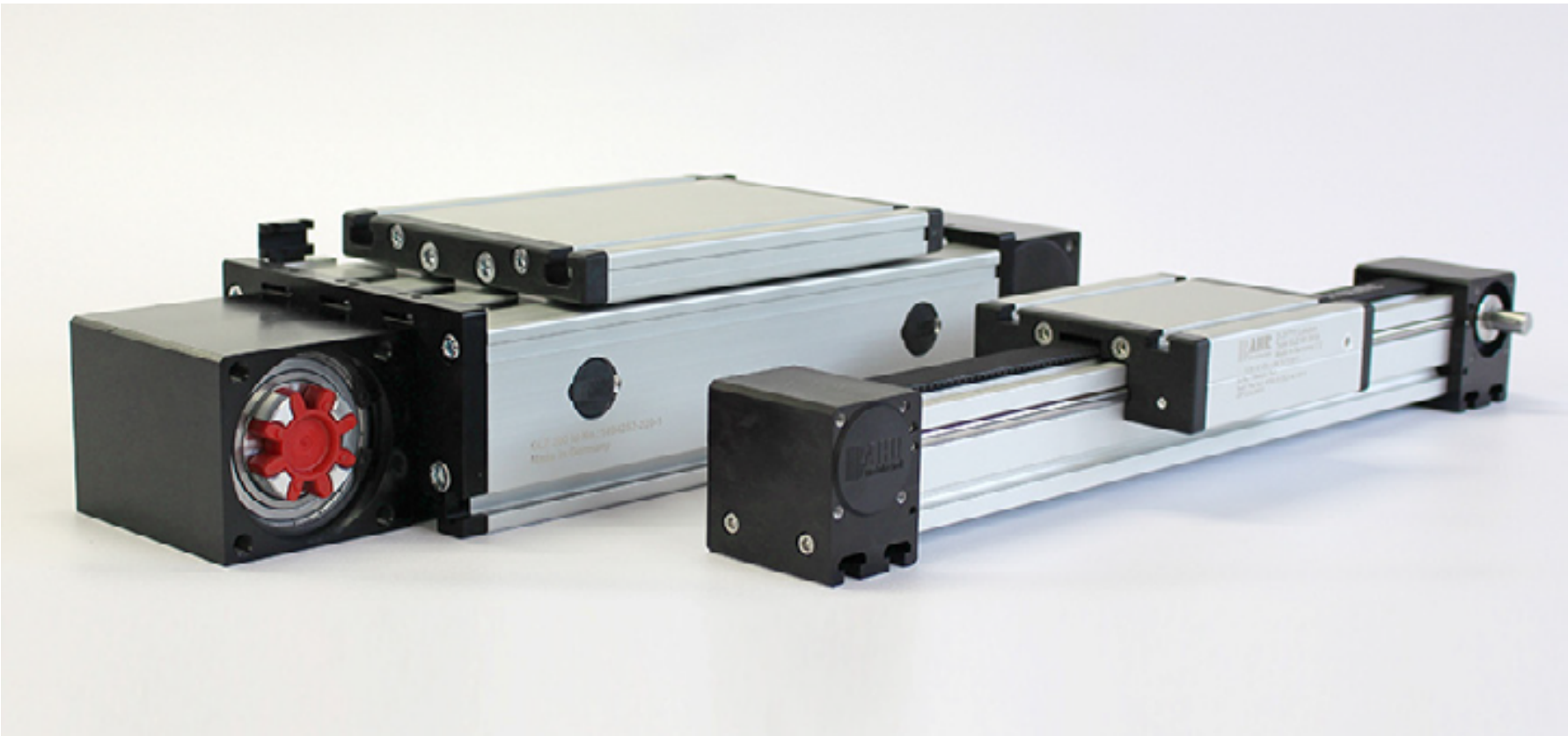
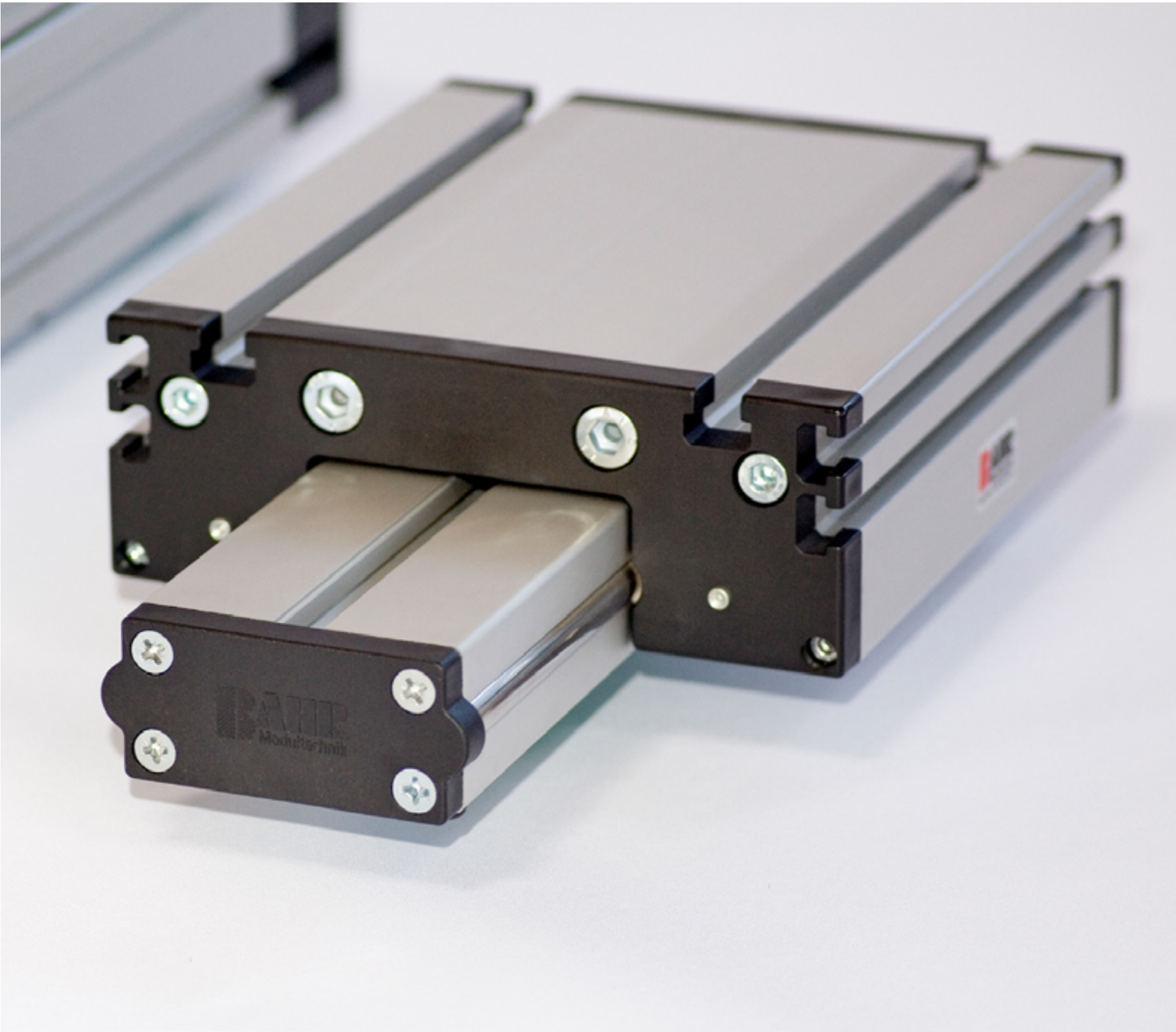
- Drilling units
- Tapping units
- Milling units
- Multi-spindle heads and components





LINEAR
POSITIONING
SYSTEMS

- Belt driven units
- Ball screw/ trapezoidal units
- Rack and pinion drive units
- Non-driven units
- Stainless steel units
- Lifting/rotating units



HepcoMotion®
ADVANCED LINEAR SOLUTIONS

**LINEAR
TECHNOLOGY**

Linear guides

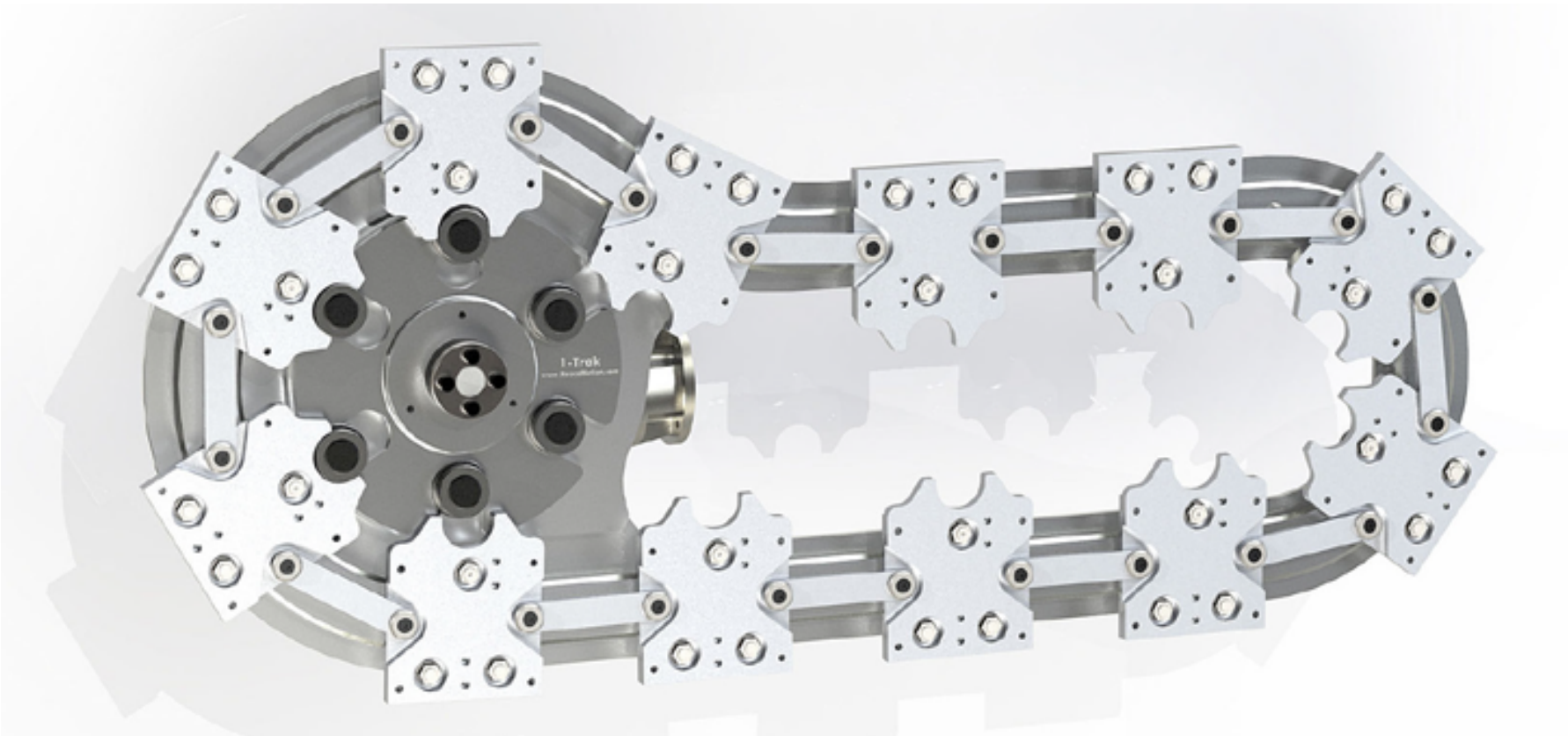
Linear motion components

Ring Guides, Track Systems and
Segments

Linear Actuator Systems

Linear ball circulation Systems

Linear V guides / Miniature linear
guides





BALL TRANSFER
UNITS

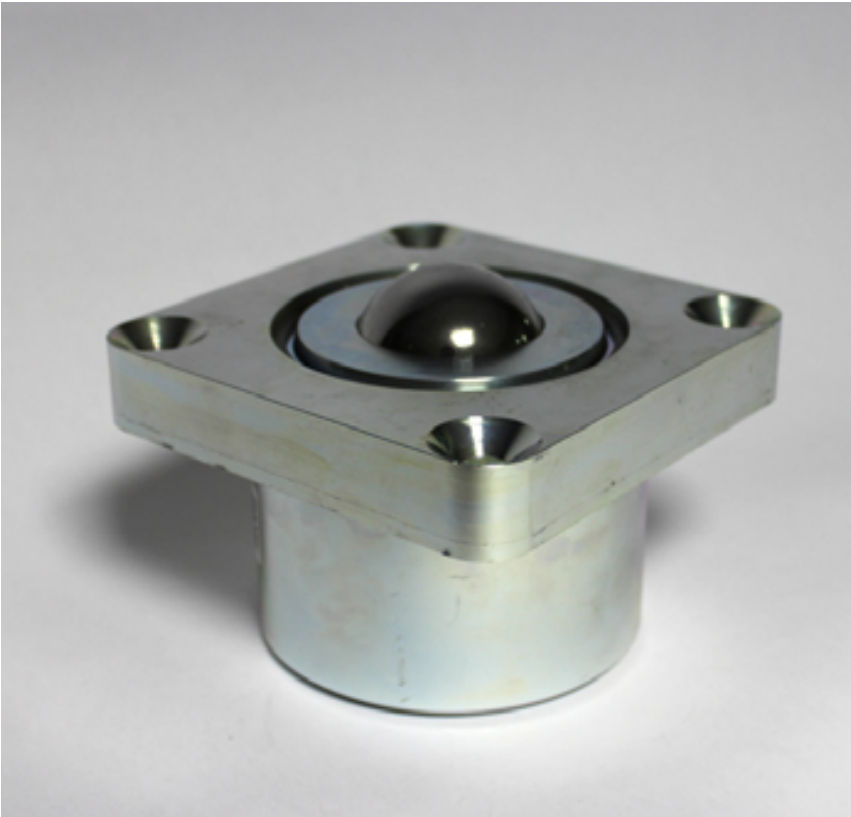
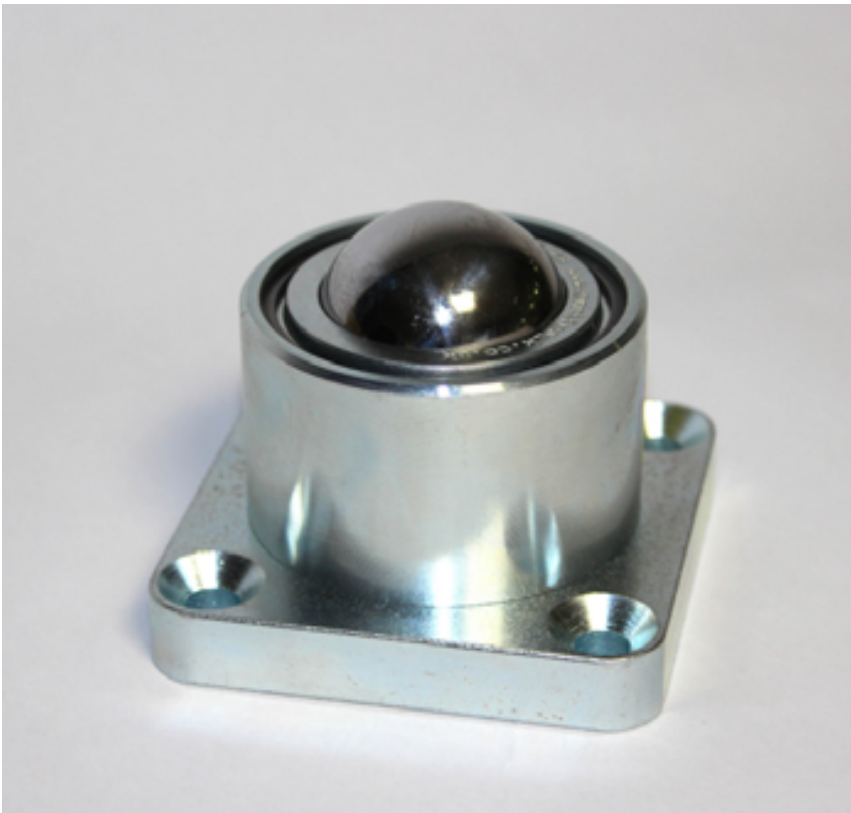
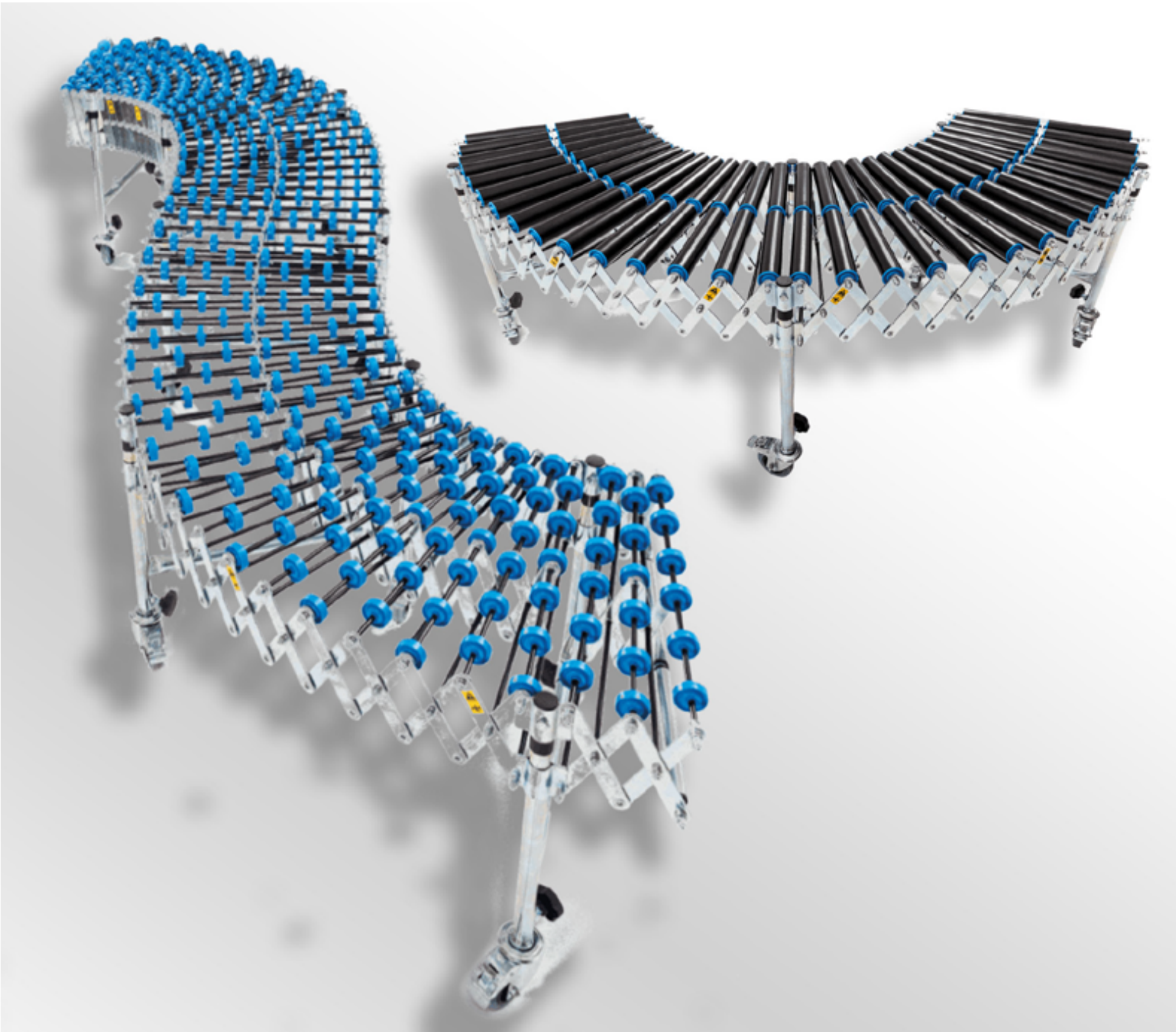
Heavy, medium & light duty ball
transfer units

T Bars & B Bars

Omnicaster, Omnifloat &
Omniwheels

Ball Transfer Rails

Omnitrack Flexible Conveyors

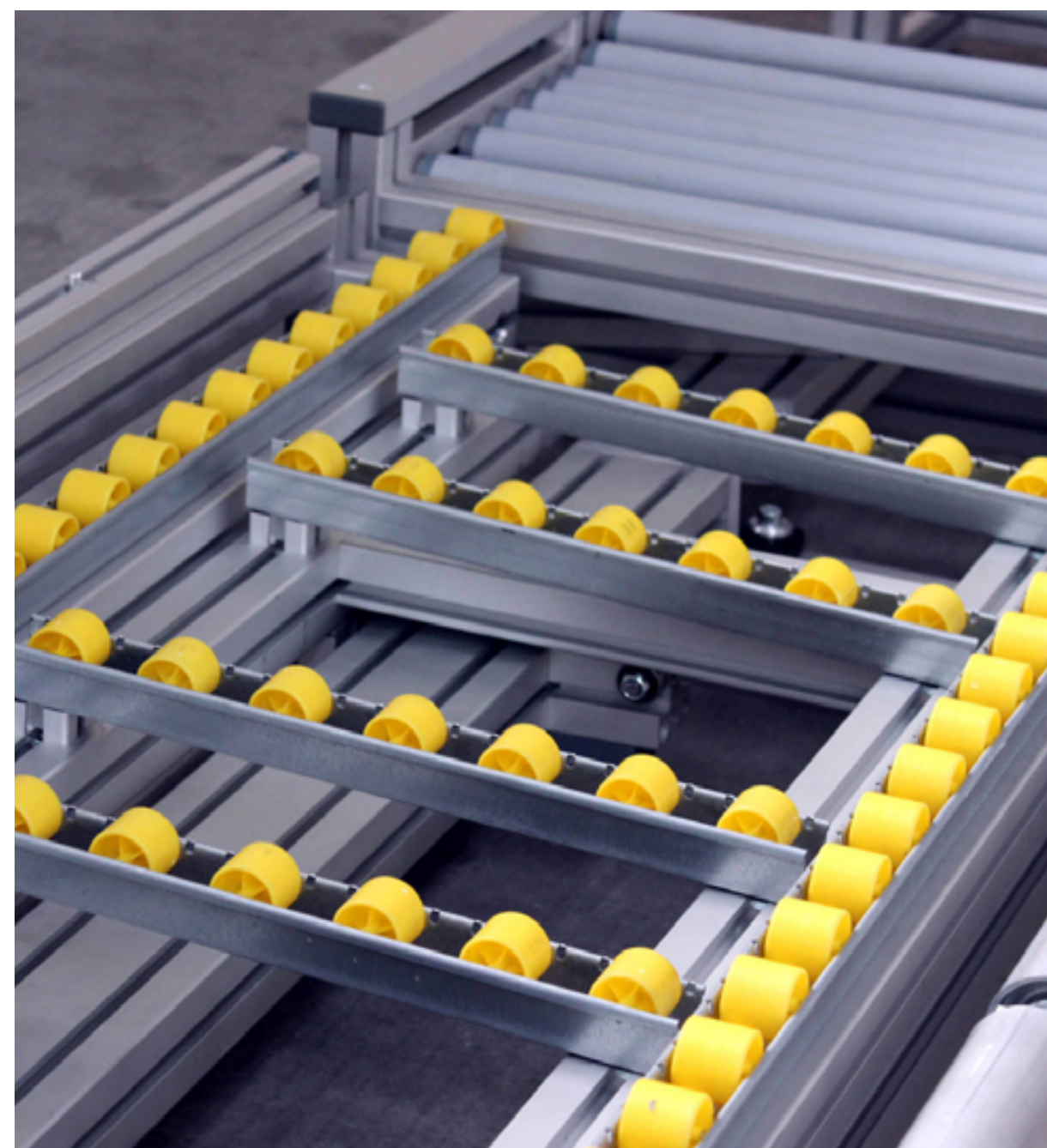


Our solutions

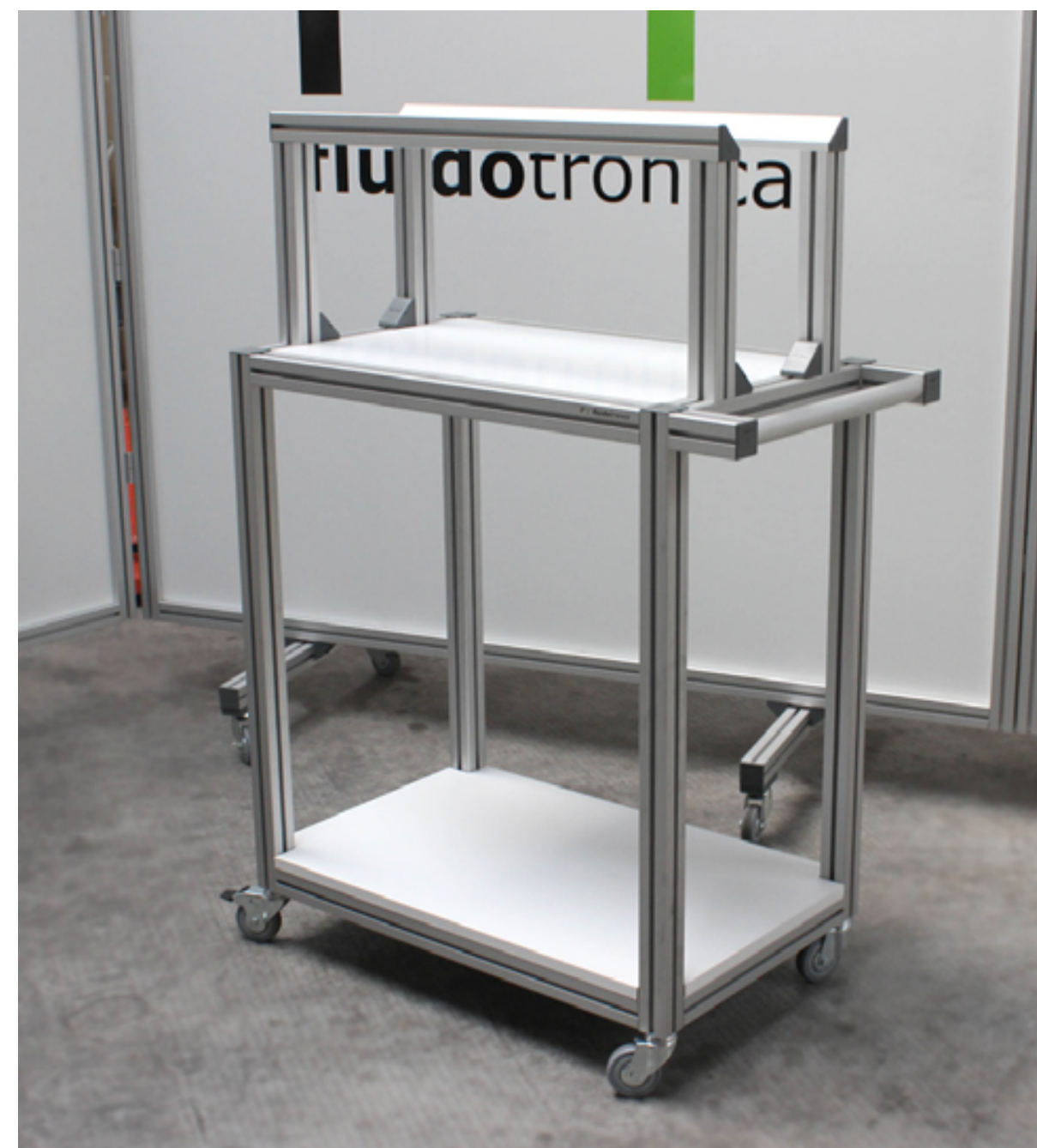
FLUIDOTRONICA offers customized solutions and ready to meet the specific needs of its customers.

Standard Solutions

In addition to commercializing components for industrial automation of the various brands it represents, Fluidotronica presents the possibility of creating root systems, that is, **turnkey solutions, tailored to the needs of customers.**



CONVEYORS



STRUCTURES



SOLUTIONS FOR THE FOOD & BEVERAGE AND
PHARMACEUTICAL INDUSTRY



CONVEYORS

Belt conveyors

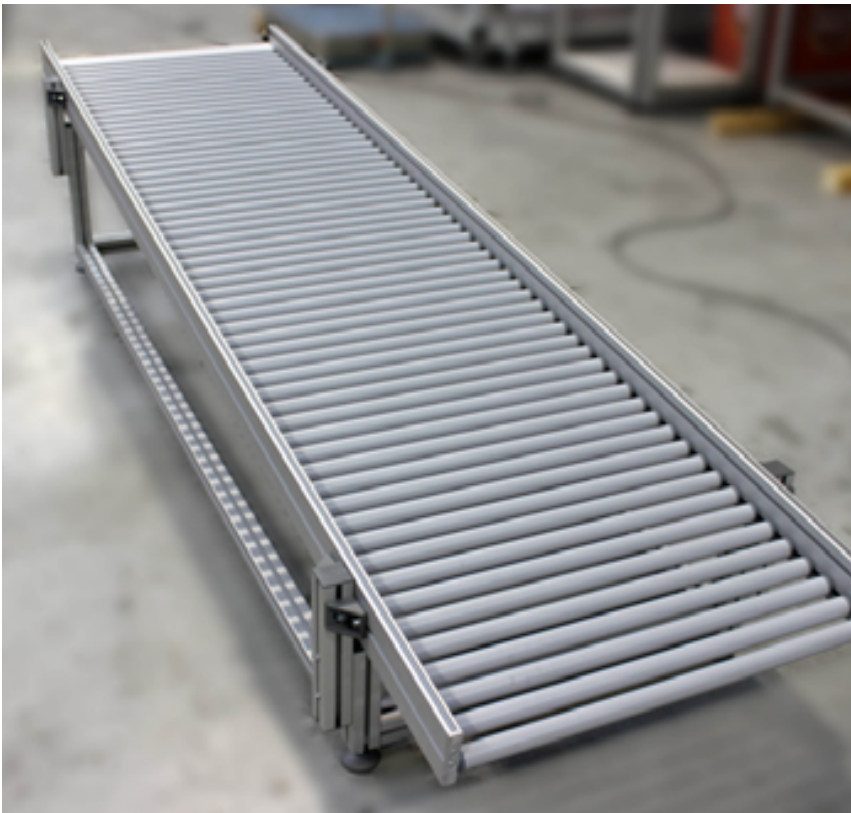
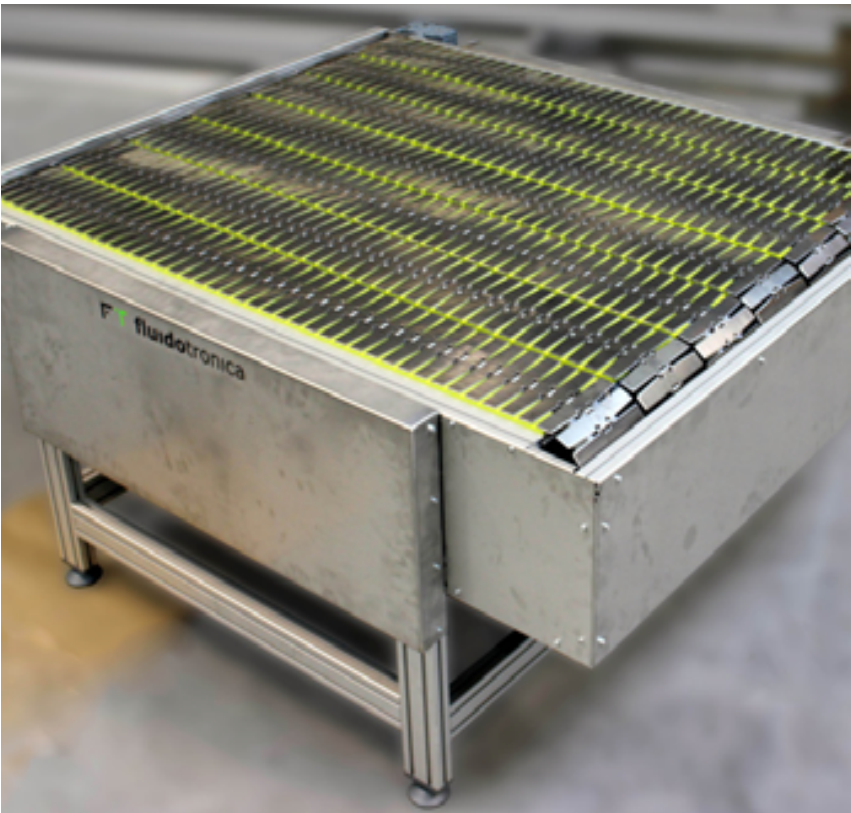
Roller conveyor systems

Timing Belt conveyors

Pallet transport systems

Segmented Chain Conveyors &
Assembly lines

The Conveyors built by FLUIDOTRONICA are developed with the reliable and the versatile MiniTec aluminium profile system. They ensure great flexibility for the constant changes in production and needs of the market. Our conveyors are developed to offer a minimum wear level and maximum levels of performance and efficiency.





STRUCTURES

Work / assembly / inspection
workstations

Safety systems

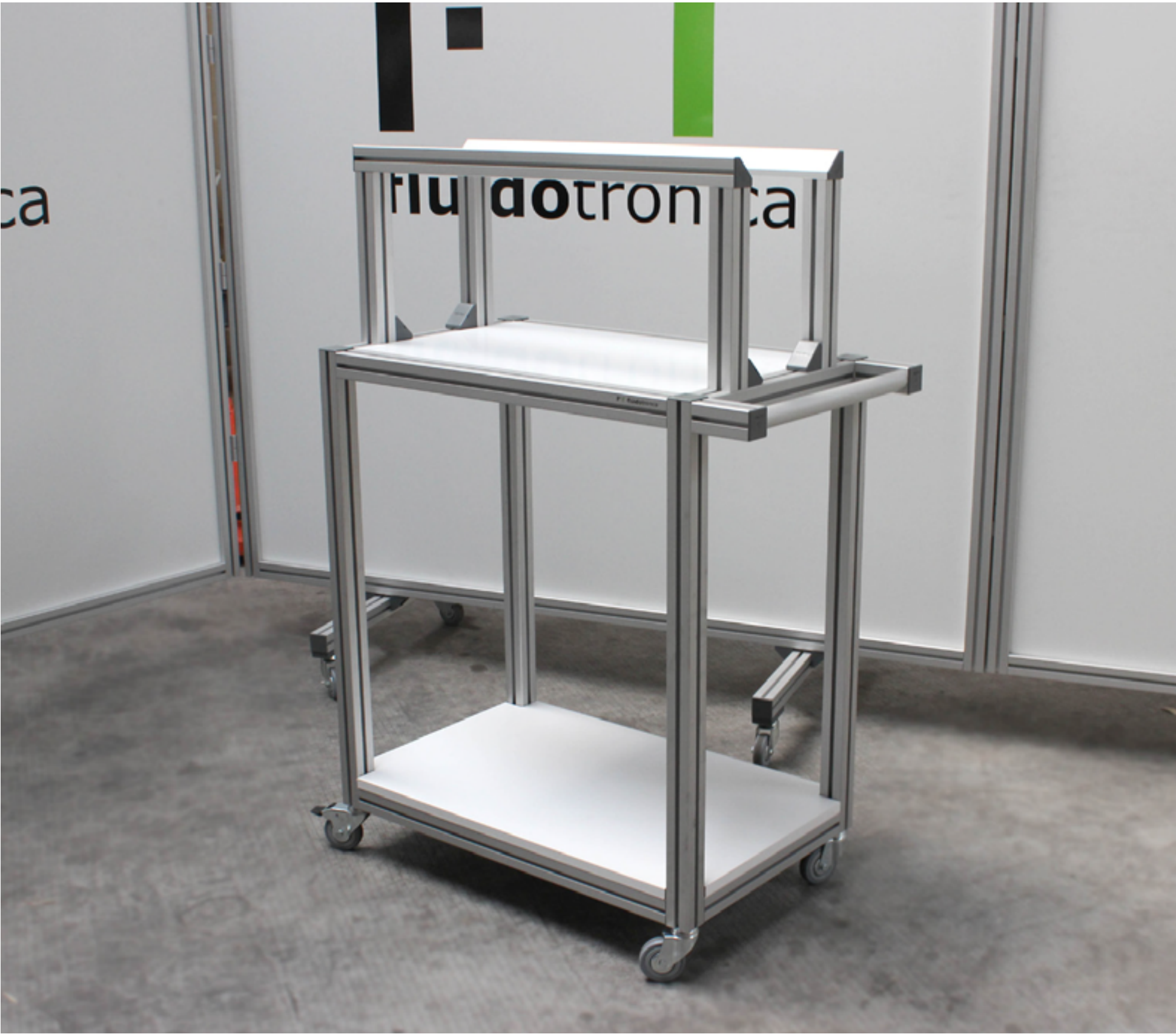
Trolleys / Carts

Kanban systems and Cabinets

CNC Systems / XYZ Positioning
Systems

Exhibitors / Signs / Information
panels

The market is in constant change and transformation and it becomes necessary to have a workplace with enough flexibility and ready to adapt to new working conditions. The MiniTec profile modular system is used to build several and different types of structures that are easily adapted to every working environment.

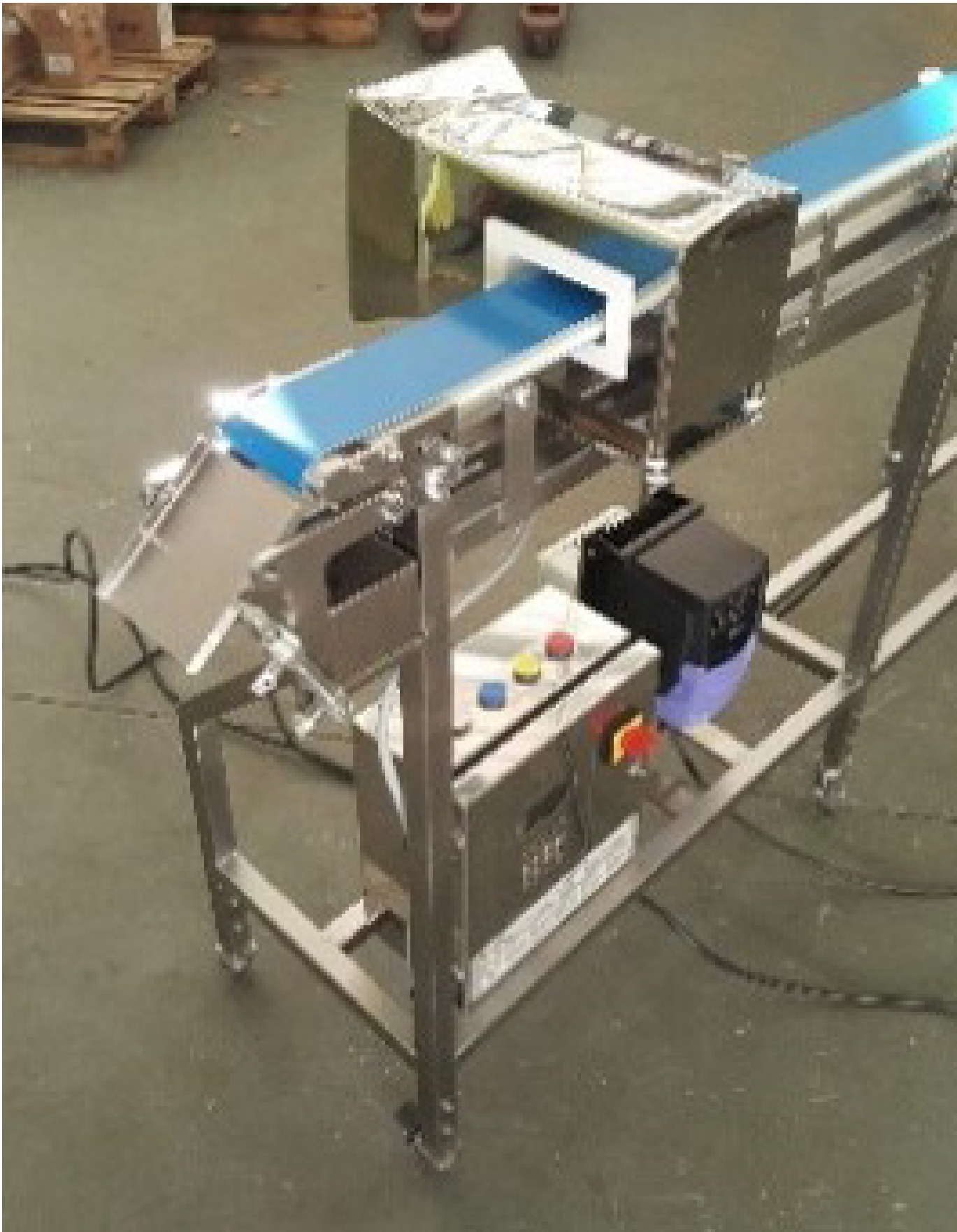




SOLUTIONS FOR THE
FOOD & BEVERAGE AND
PHARMACEUTICALINDUSTRY

- Robot cells
- Retractable conveyors
- Pvc and polyurethane standard conveyors
- Manipulation systems with linear axes
- Segmented chain conveyors
- Tray aligners
- Belt conveyors
- Rejection systems
- Drive and gravity roller conveyors
- Palletizing lines
- Customized metallic structures

Customized Solutions for the Food & Beverage and Pharmaceutical Industry for industrial processes such as manipulation (with or without artificial vision), conveying, palletizing, and packing and according to customer's needs.

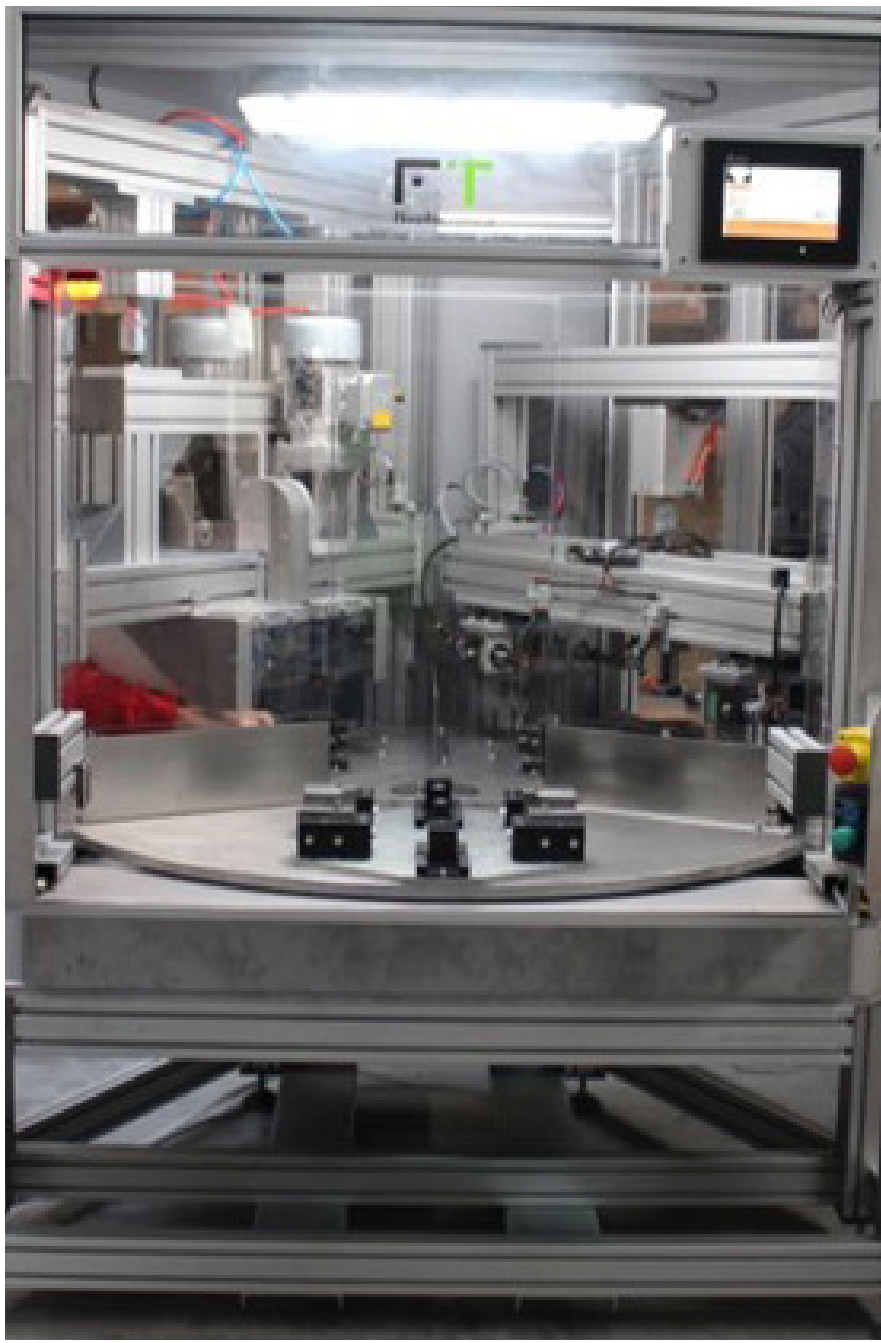


Special Machinery Solutions

FLUIDOTRONICA develops turnkey solutions to meet customers' needs.



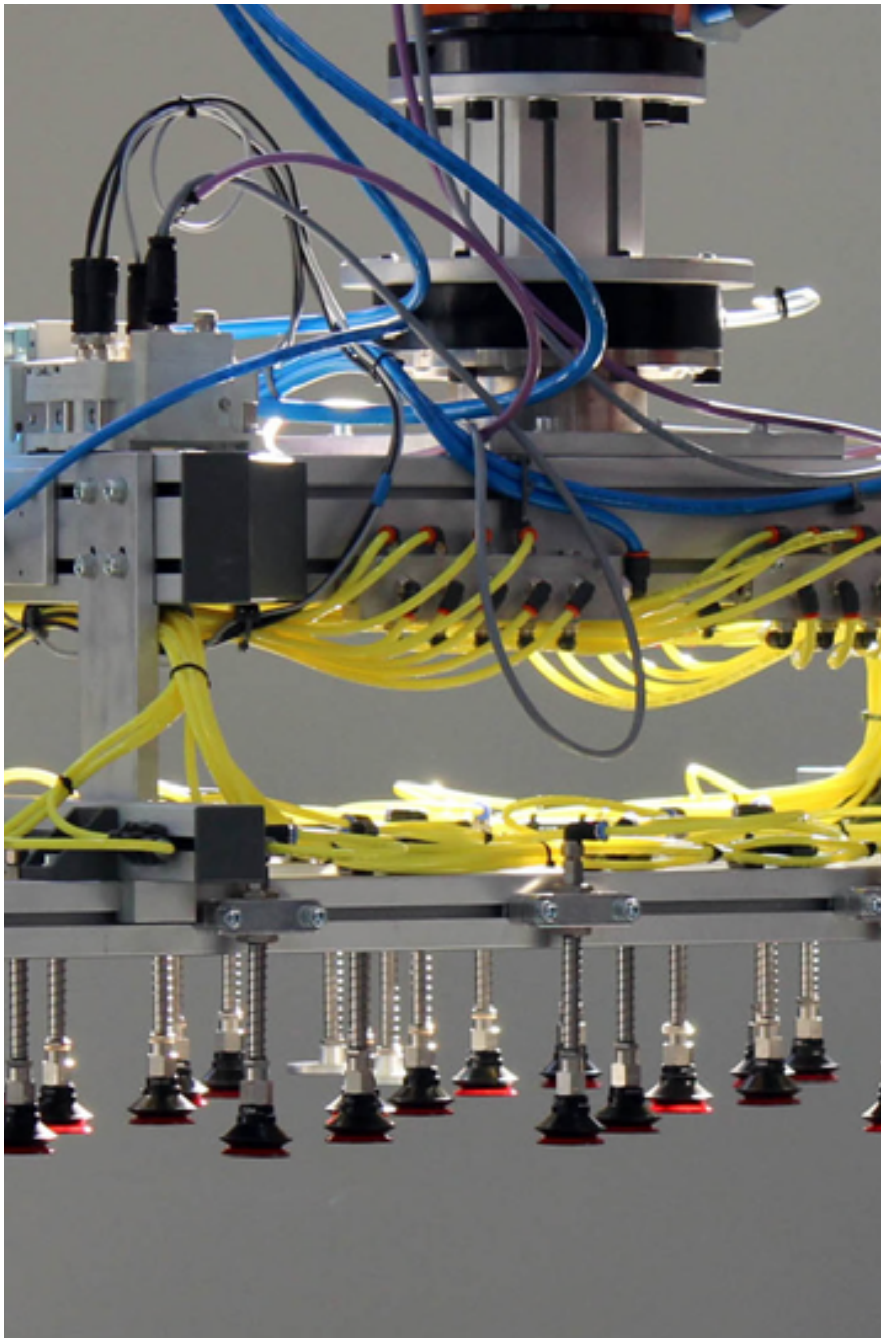
ROBOT CELLS



PERIPHERALS & SYSTEMS



ASSEMBLY LINES



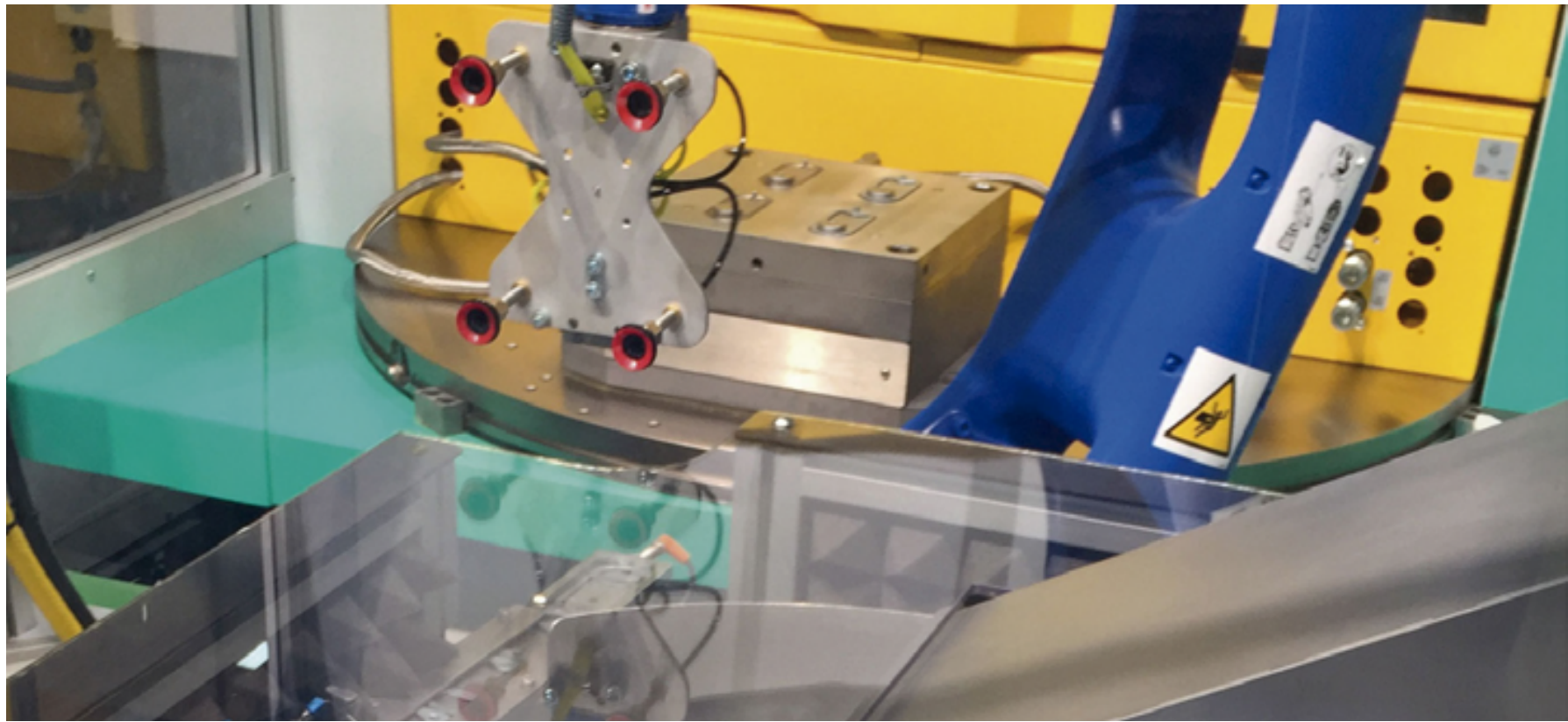
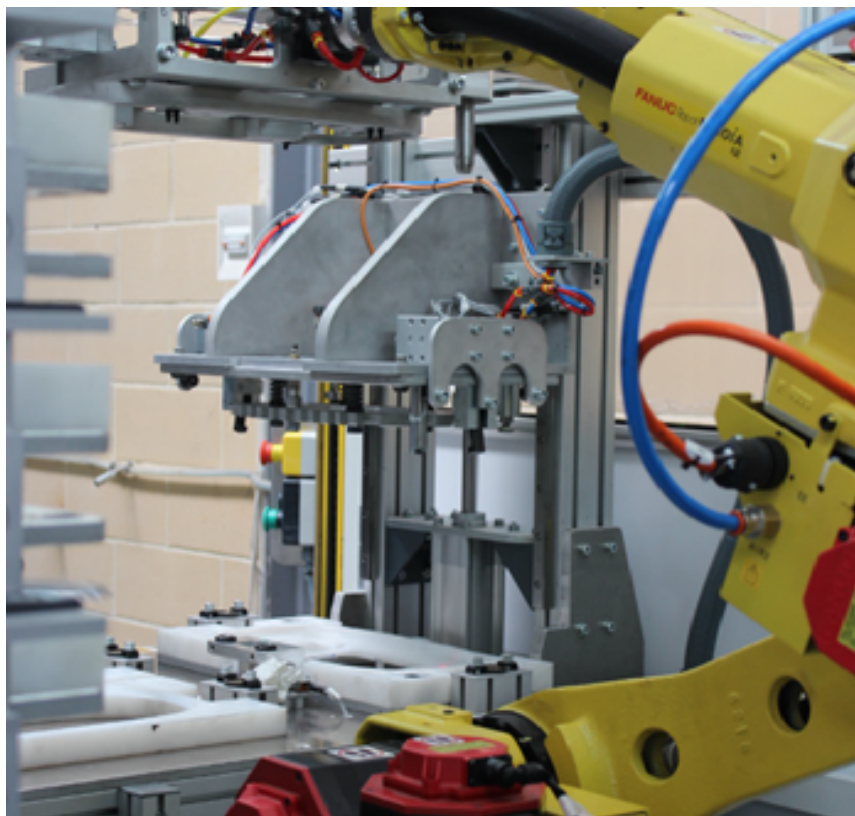
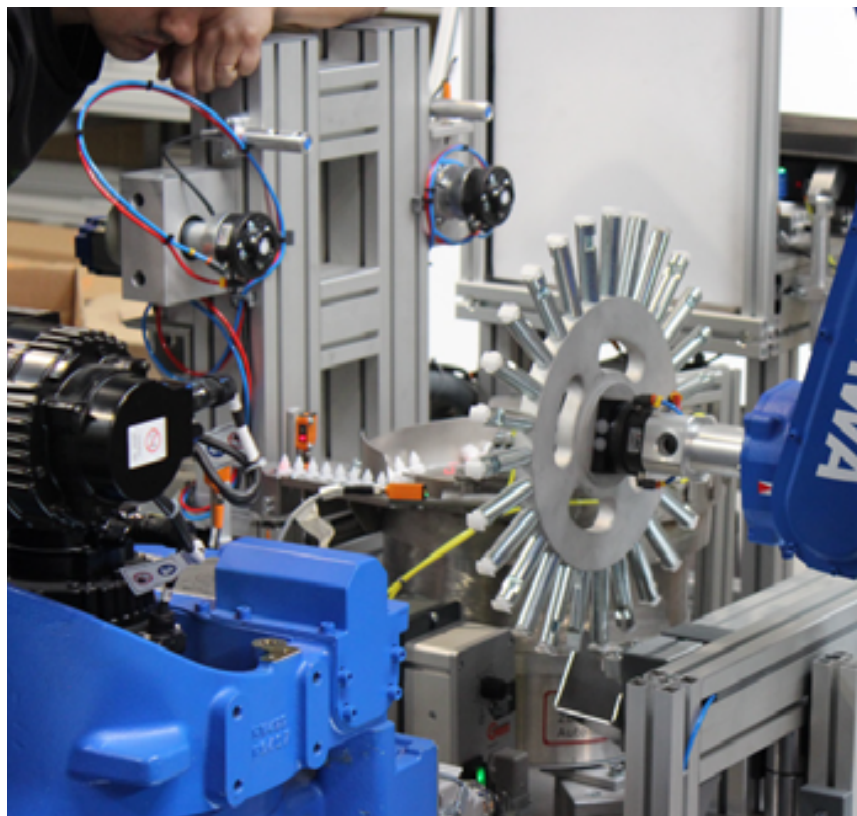
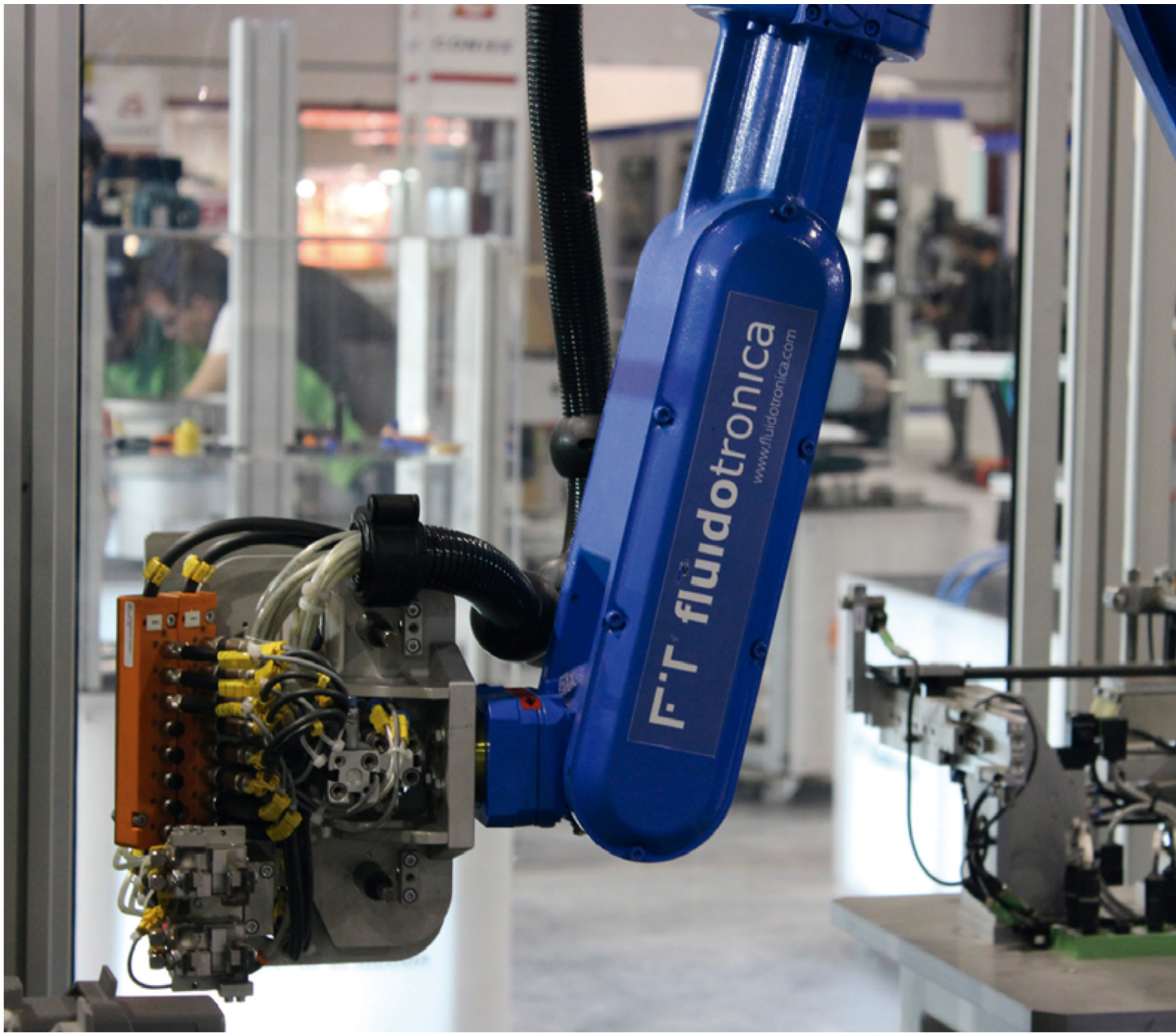
END-OF-ARM-TOOLING (EOAT)



ROBOT CELLS

- Palletizing
- Welding
- Manipulation
- Assembly
- Paint
- Insertion
- Detection
- Machining
- Packing

Industrial Robots are great solutions to apply in Industrial Automation processes with the most diversified tasks. With our Robot Cells and Automated Solutions, customers can combine productivity optimization with a high level of efficiency and at the same time reduce costs.



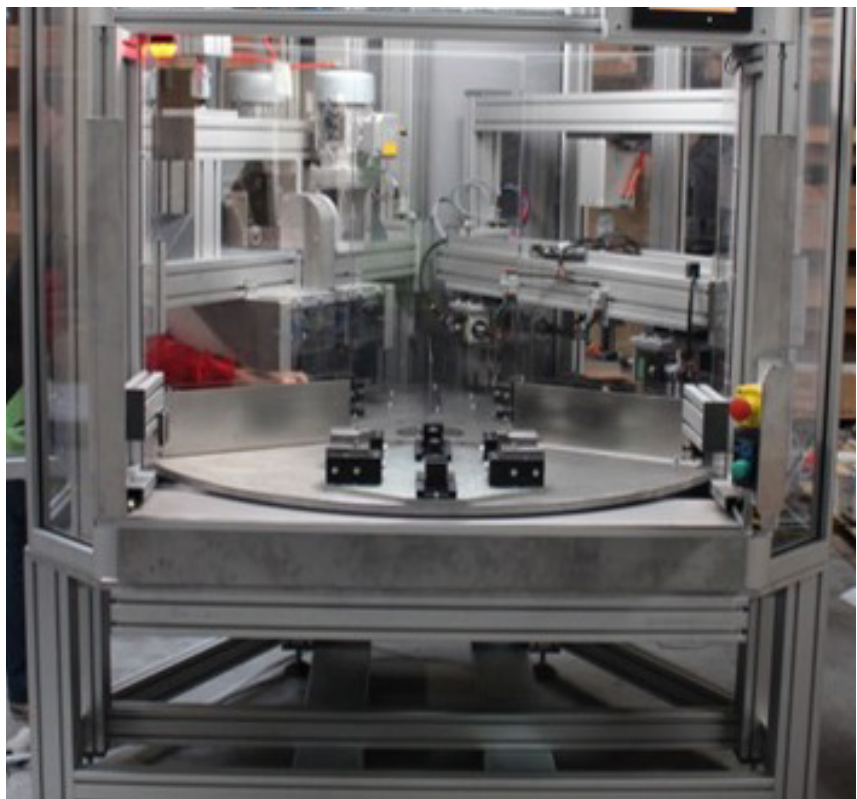


PERIPHERALS AND SYSTEMS

- Component Detection / Insertion Equipment
- Mounting Equipment
- Welding / Bolting Equipment
- Riveting / Bolting Stations
- Test Stations
- Pre-assembly Peripherals
- Feeding Systems
- Laser cutting Systems
- Stream Cutting Systems
- Positioning Systems
- Transfer Systems
- Verification Systems
- Trimming Systems

Automation of industrial production processes has brought several advantages over the last few years: increased productivity, cost reduction, and improved working conditions for workers.

← ALL SOLUTIONS

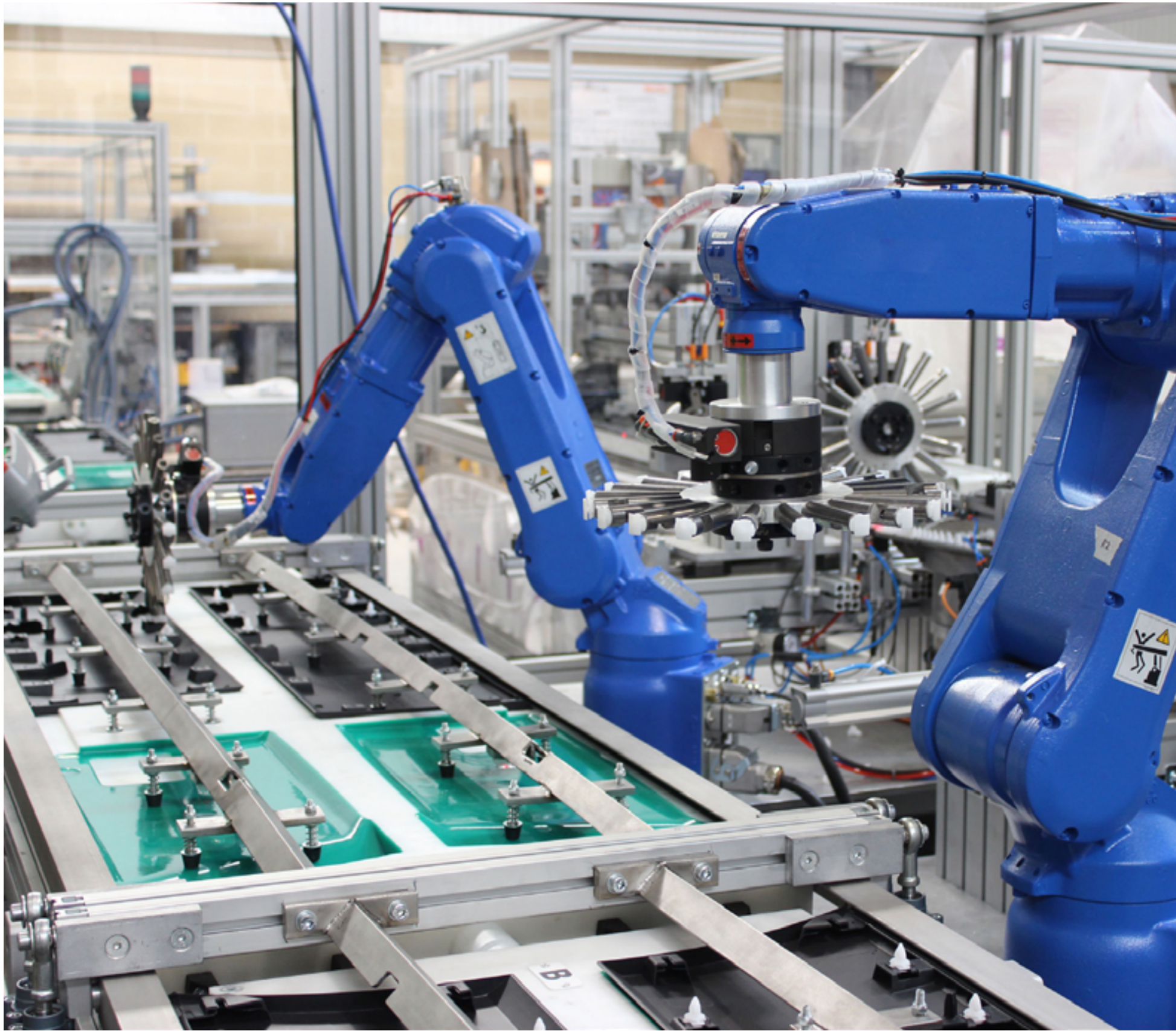




ASSEMBLY LINES

- Assembly
- Feeding
- Handling

Highly efficient and profitable Assembly Lines with the best quality in the most relevant aspects: components, mechanical movement, precision, standardized processes, short cycle times and efficiency in the mass production process.

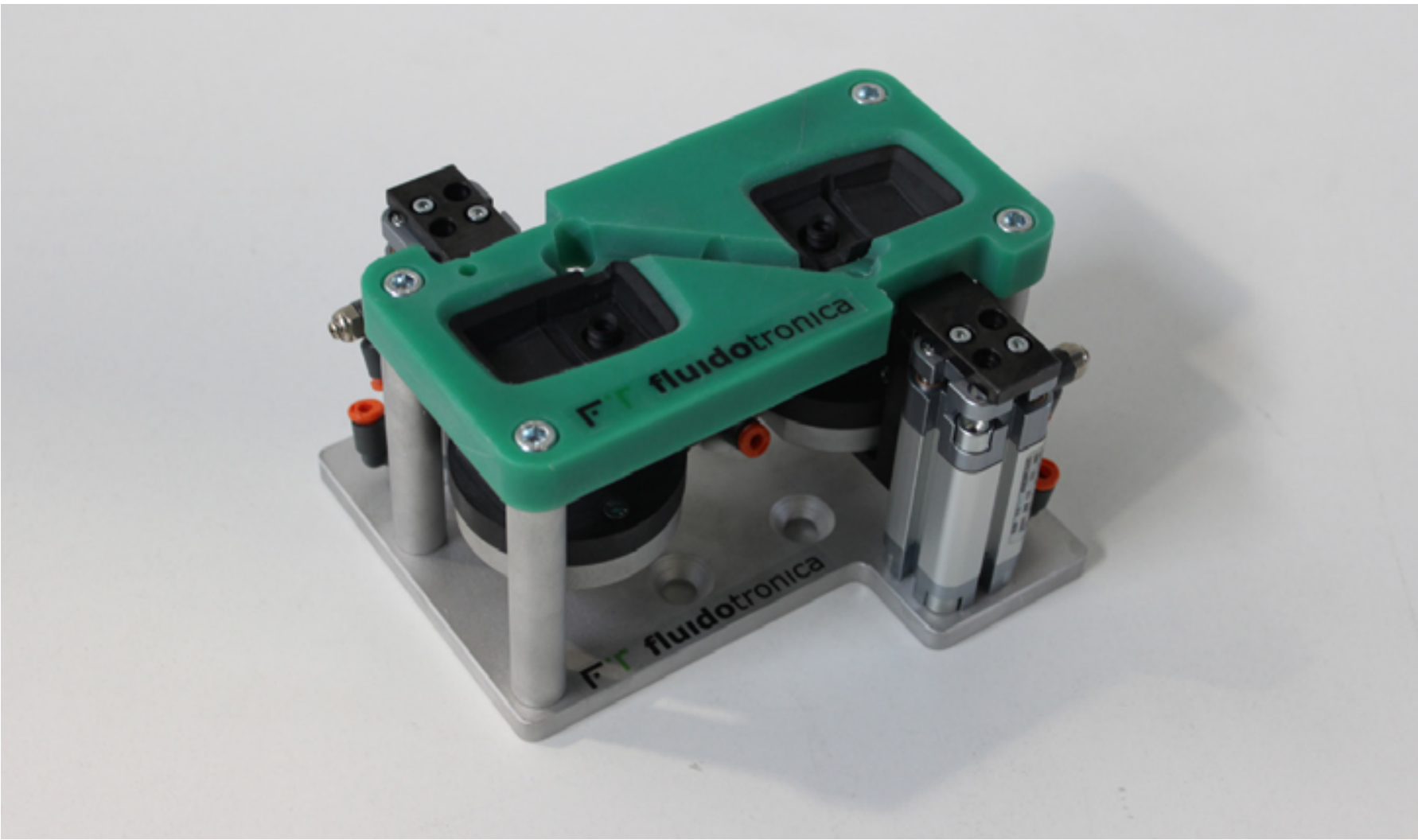
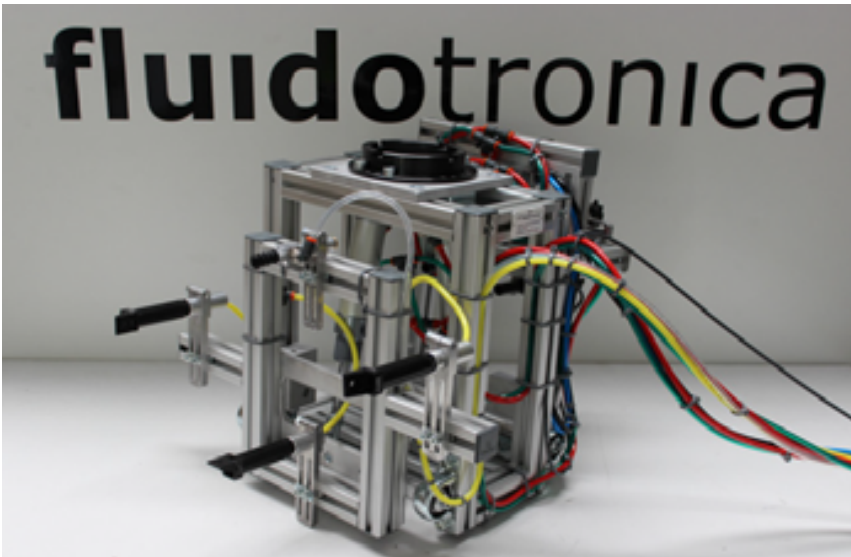
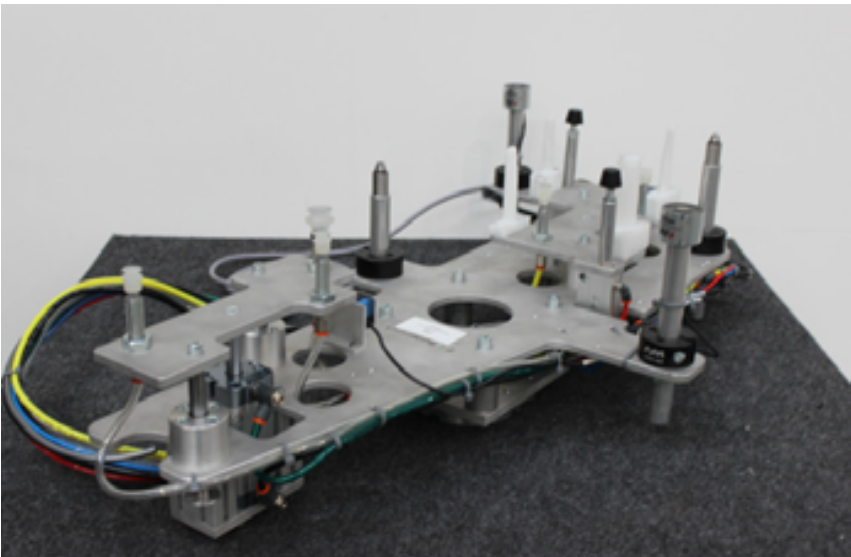
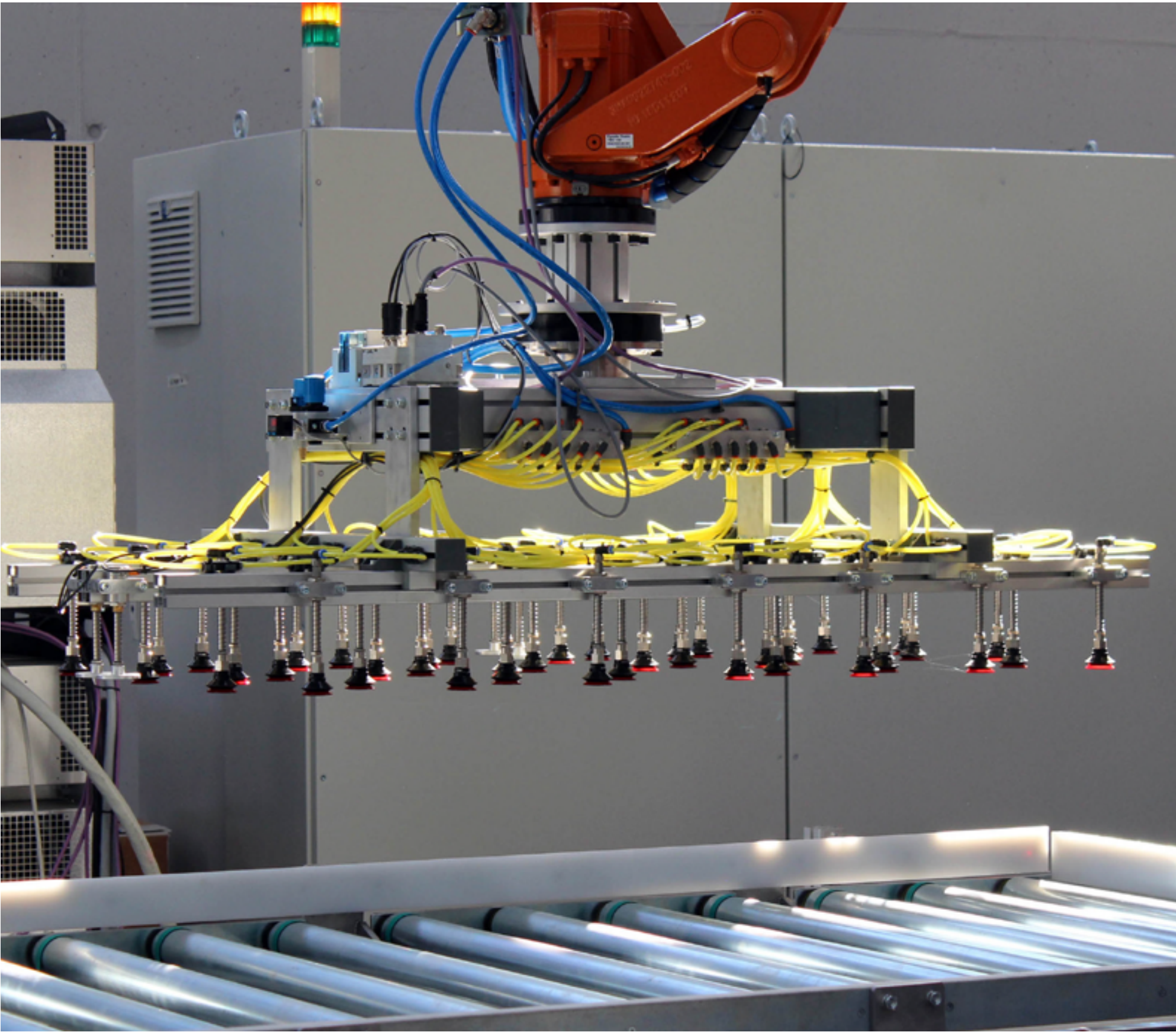




END-OF-ARM-TOOLING (EOAT)

- Handling of parts and sprues
- IML feeding and positioning on mould
- Handling of inserts and precision components
- Handling of pallets and heavy loads
- Custom on demand solutions

The advantage of developing an EOAT (End-Of-Arm-Tooling) with FLUIDOTRONICA is that our customers can find everything in just one partner: planning, design, construction, installation, follow up at start-up and after-sales service. Our EOAT solutions are built with components of high quality for greater life cycle, and they require low maintenance.

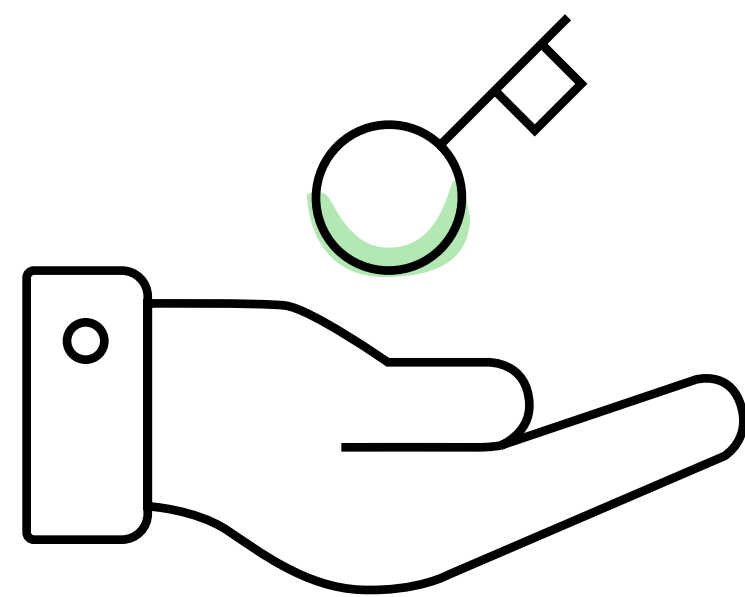




Our services

We are not just brand representatives or product sellers.

Over time, we have been developing valences that allow us to meet the needs of our customers, always providing them with the “turnkey” solution that best suits their interests. To achieve this, Fluidotronica has the following services at your disposal:



“TURNKEY” solutions

1. Process study

Methods and times
Layouts
Ergonomics and quality

2. Electrical & Mechanical 3D Project

Several softwares (Solid Works, Inventor & AutoCAD, Eplan, Roboguide, etc.)
Instructions and Maintenance manuals
Risk analysis
Electrical, pneumatic and hydraulic diagrams

3. Machining and Assembly

Milling machines (CNC machines and CNC Lathes)
Welding
3D Printing
Construction / mechanical and electrical assembly

4. Tested Final solution and ready to use

Fluidotronica solutions are completely tested and ready to use.



Contacts

Address

Rua da Zona Industrial de Ouriçosa, 125
3720-592 UI - Oliveira de Azeméis

[Google maps](#) ↗

Contacts

(+351) 256 681 955
FAX (+351) 256 065 860
fluidotronica@fluidotronica.com

Social Media





/fluidotronica


Website


[www.fluidotronica.com](#) ↗

Sales contacts

- 

TIAGO SOARES *National market*
Viana do Castelo | Braga | Porto | Vila Real |Bragança
Leiria | Castelo Branco
+351 913 080 315
tiago.soares@fluidotronica.com
- 

HELDER PEREIRA *National market*
Aveiro | Viseu | Guarda | Coimbra
+351 910 296 361
helder.pereira@fluidotronica.com
- 

PAULO MORGADO *National market*
Lisboa | Santarém | Portalegre | Évora | Setúbal | Beja | Faro
+351 917 085 243
paulo.morgado@fluidotronica.com
- 

HÉLDER SILVA *Internacional market*
+351 912 796 326
helder.silva@fluidotronica.com



Thank you!