

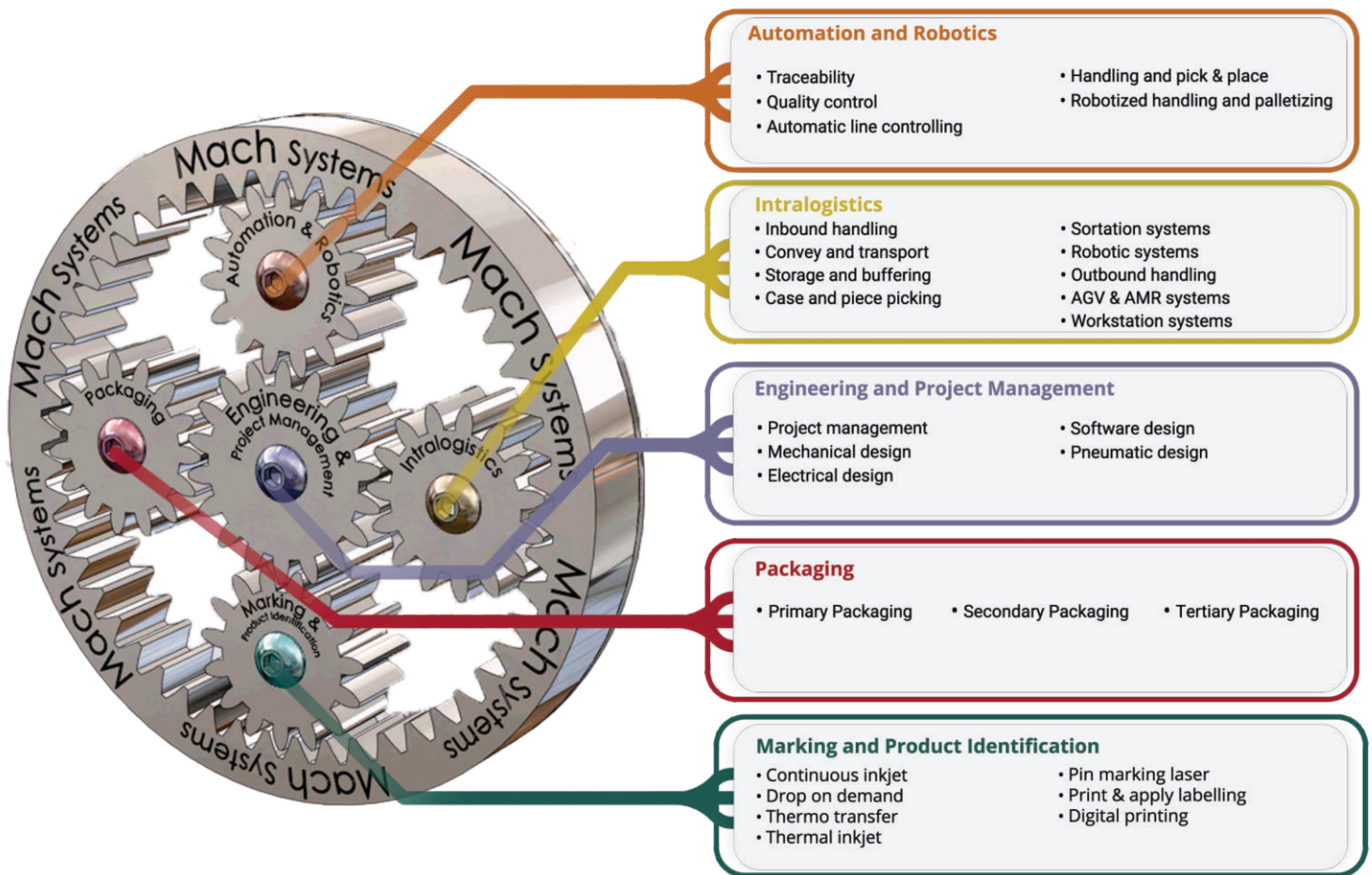


General Presentation



About us

Mach Foreign Trade Distribution is the main industrial integrator with Romanian capital which implements complex industrial projects for more than 25 years. Over time, we have diversified our portfolio of equipment and the applications, with our main objective being to provide quality assurance and efficiency in the following **domains**:



Mach Foreign Trade Distribution caters to factories, warehouses, and logistics centers with a diverse range of industrial equipment and comprehensive automation solutions, realized in production lines or goods management-distribution lines. The company has a significant competitive advantage in the industrial sector, stemming from its possession of a specialized, comprehensive offering of equipment and solutions through its specialized divisions.



Marking and Product Identification

The Product Marking and Identification Division offers the latest and most modern industrial marking solutions on a variety of materials. The marking provided by Mach is carried out to the highest quality standards, at specific speeds for both small and large production lines, with optimal consumption costs. Depending on the marking requirements, codes and graphics can be printed using ink, thermal transfer, pressing, rolling, laser marking, or micro-percussion.



Marking and Product Identification

- Continuous Inkjet marking
- Drop on Demand marking
- Thermotransfer marking
- Thermal inkjet marking
- Micro-percussion marking
- Laser marking
- Print and apply labels
- Digital printing
- Quality control/scanning
- Vision System/ software
- Traceability complete solutions (serialization)

The marking carried out by Mach's equipment is suitable for marketing campaigns where special and sometimes complex graphics are required, for brand protection against counterfeiting, for traceability processes, and for legislative compliance.

In addition to the quality and printing speed, Mach offers customers a range of advantages:

- The suppliers of the offered equipment are evaluated before being included in Mach's offering, ensuring continuity in sales and maintenance.
- Installation of the equipment in existing production lines is expedited thanks to the integrated training and specialization of the technical team through Mach's divisions.
- The equipment comes with a warranty, which can be extended through purchasing one of our maintenance packages.
- Technical interventions in case of malfunctions can be carried out by Mach's service team, ensuring that the equipment becomes operational as quickly as possible.
- We provide tested, verified, and supplier-approved consumables.
- We take care of training operators for the installed equipment, both in terms of operational and maintenance procedures.

Marking and Product Identification

Small characters
Large characters

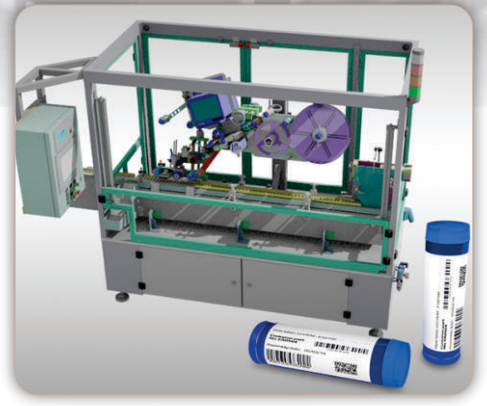


Digital printing



Laserµ-
percussion marking



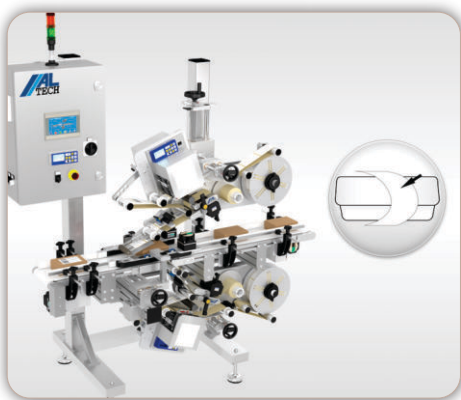


Labelling



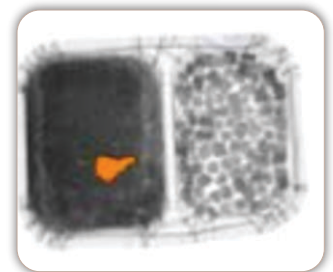
- Applying labels on bottles and other cylindrical or irregularly shaped containers.
- Applying labels on cans and jars
- Applying labels on boxes
- Applying labels on irregularly shaped packaging (containers, trays, fruit bags, etc.)
- Applying labels on pallets





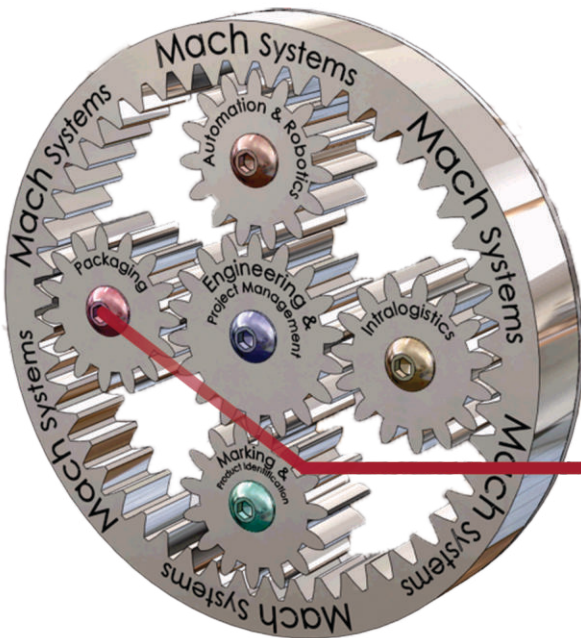
Within factories, speed and efficiency make the difference. Without compromising quality, we provide labeling solutions of any type (colored, glossy, metallic, with special textures) on any product shape, regardless of label size. Moreover, label placement is not a challenge for us.

Checkweighers, metal detectors and X-Ray



Packaging

The Packaging Division has one of the most comprehensive and diverse ranges of equipment and solutions in its field. The offering includes equipment for individual, group, and bulk packaging. Packaging is carried out through semi-automatic and automatic equipment, single-block or multi-block systems, customized stations, as well as complete packaging lines.



Packaging

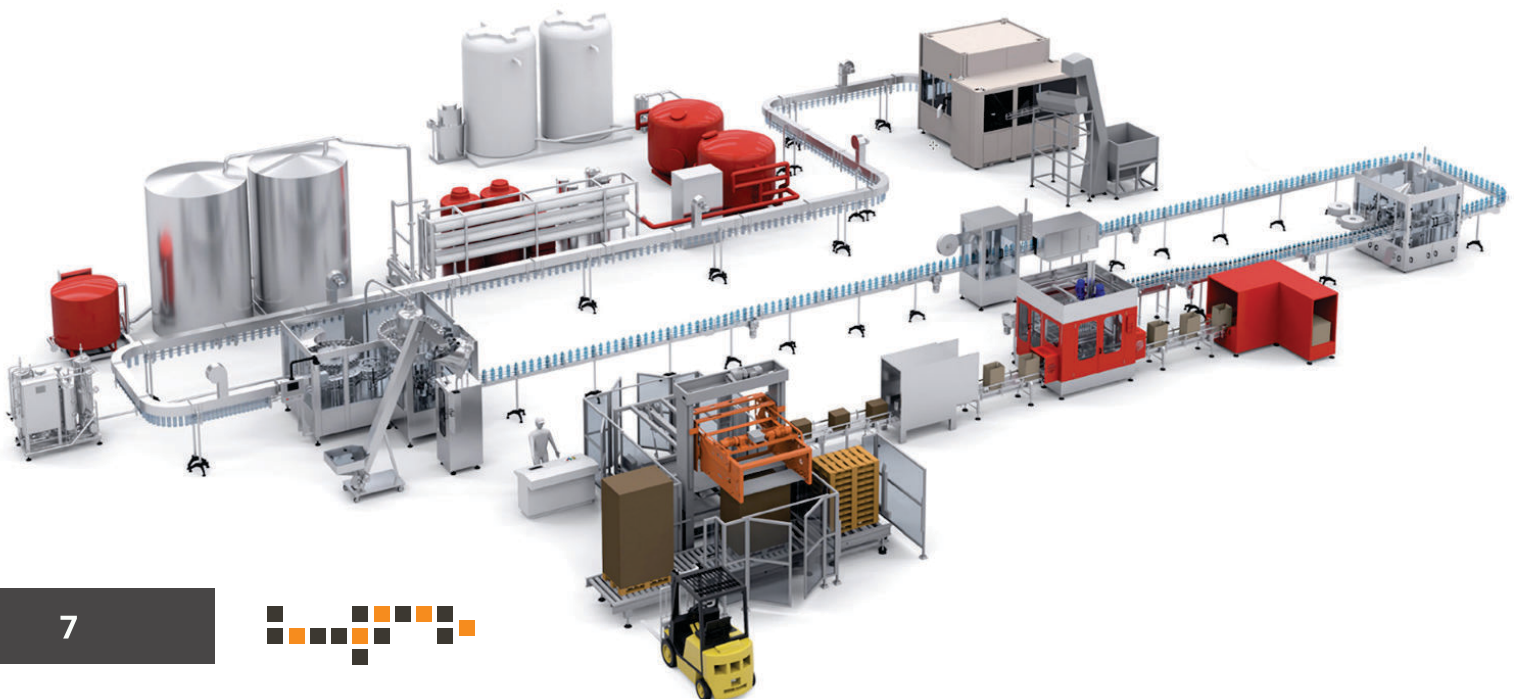
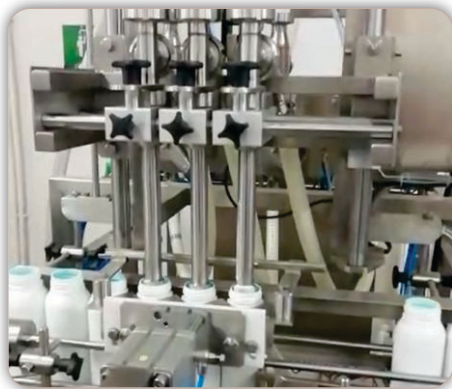
| | | | |
|------------------|---|--|---|
| Primary | <ul style="list-style-type: none"> • PET HDPE blowing • Depaletization • Semiautomate fillers | <ul style="list-style-type: none"> • Automated fillers • Blister filling • Flowpack | <ul style="list-style-type: none"> • Tray filling • Vertical filling • Bag packaging |
| Secondary | <ul style="list-style-type: none"> • Cartoning machines • Shrink-wrapped in thermo-shrinkable film - Pad, Tray • Box / Tray • Boxes sealing | | |
| Tertiary | <ul style="list-style-type: none"> • Depaletization • Product wrapping • Pallet wrapping | <ul style="list-style-type: none"> • Strapping products • Pallet strapping • Stretch Hood | <ul style="list-style-type: none"> • PVC and PP pallet strapping • Paletization |

The advantages of the packaging offering not only encompass variety and comprehensive coverage of the field, but also a range of strategic benefits for customer production, as outlined below:

- Opportunity to purchase complete packaging lines for small and medium-scale productions.
- For existing packaging lines, expansion or modernization operations can be carried out through the integration of new equipment.
- Newly established businesses can benefit from specialized consulting and assisted planning tailored to specific packaging processes.
- The Packaging Division provides specialized services such as technical consultation, electrical, pneumatic, software, mechanical design, and project management.
- We possess a portfolio of critical auxiliary equipment for the optimal functioning of the offered packaging solutions.
- The Mach FTD offering includes personnel training regardless of the purchase value.
- Multiple financial options are available based on production forecasts and the value of projects undertaken with Mach FTD.
- We distribute tested and recommended consumables by equipment manufacturers, including films, PP bands, and PET bands.

Primary Packaging

-  PET & HDPE blowing
-  Bottle washing & drying
-  Bottling
-  Capping
-  Jar filling
-  Weighing and vertical filling
-  Fertical filling
-  Flow Pack
-  Blister/tray thermoforming



Secondary Packaging



Shrink wrapping



Boxes and trays shrink wrapping



Boxes/trays forming



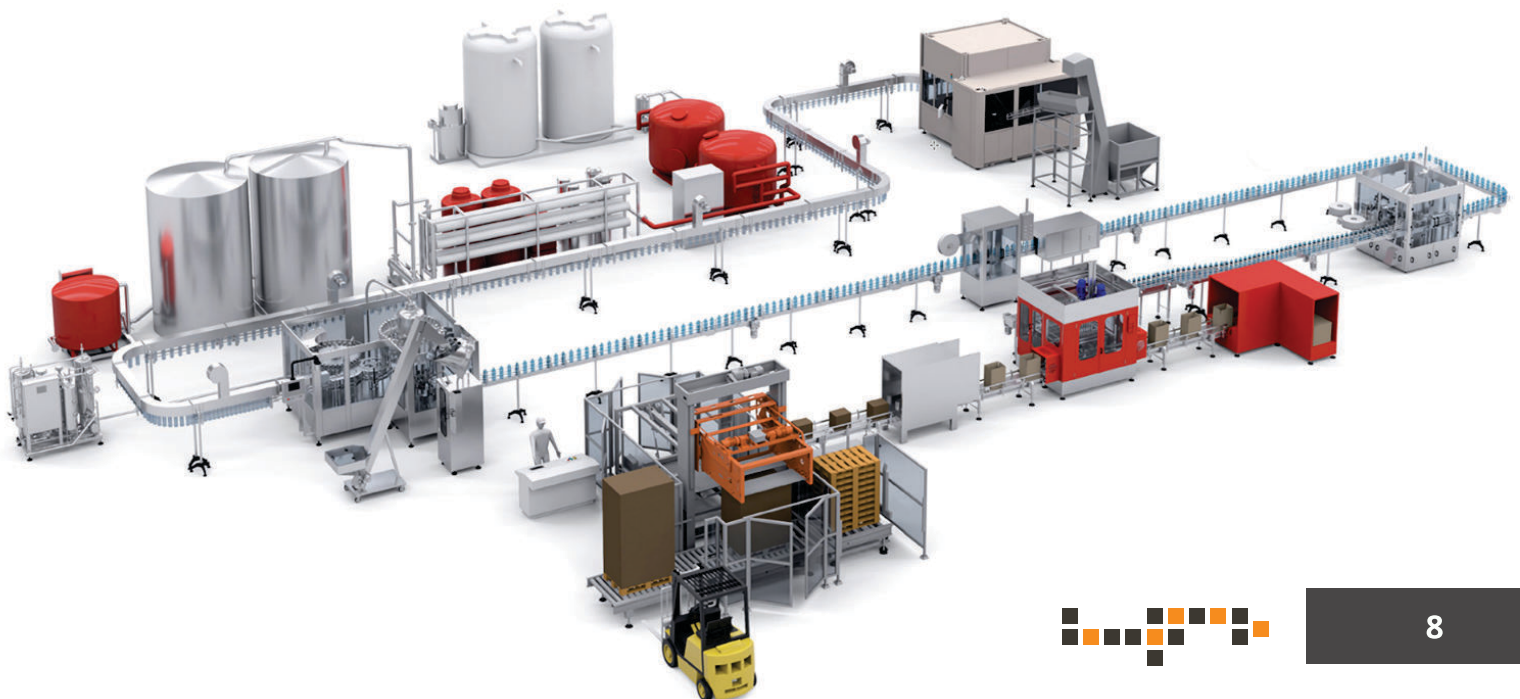
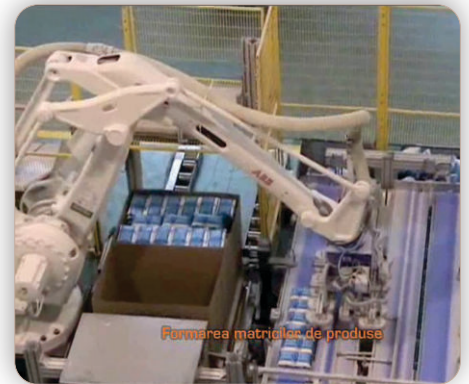
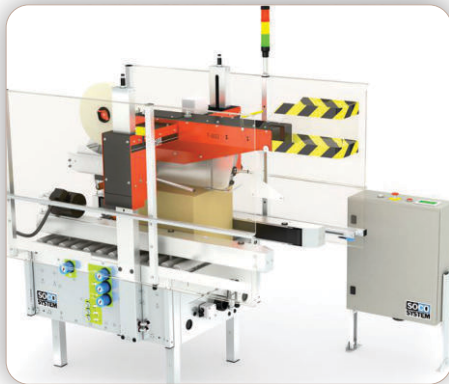
Glue/tape boxes sealing



Colective packaging




Pick & Place





Tertiary Packaging

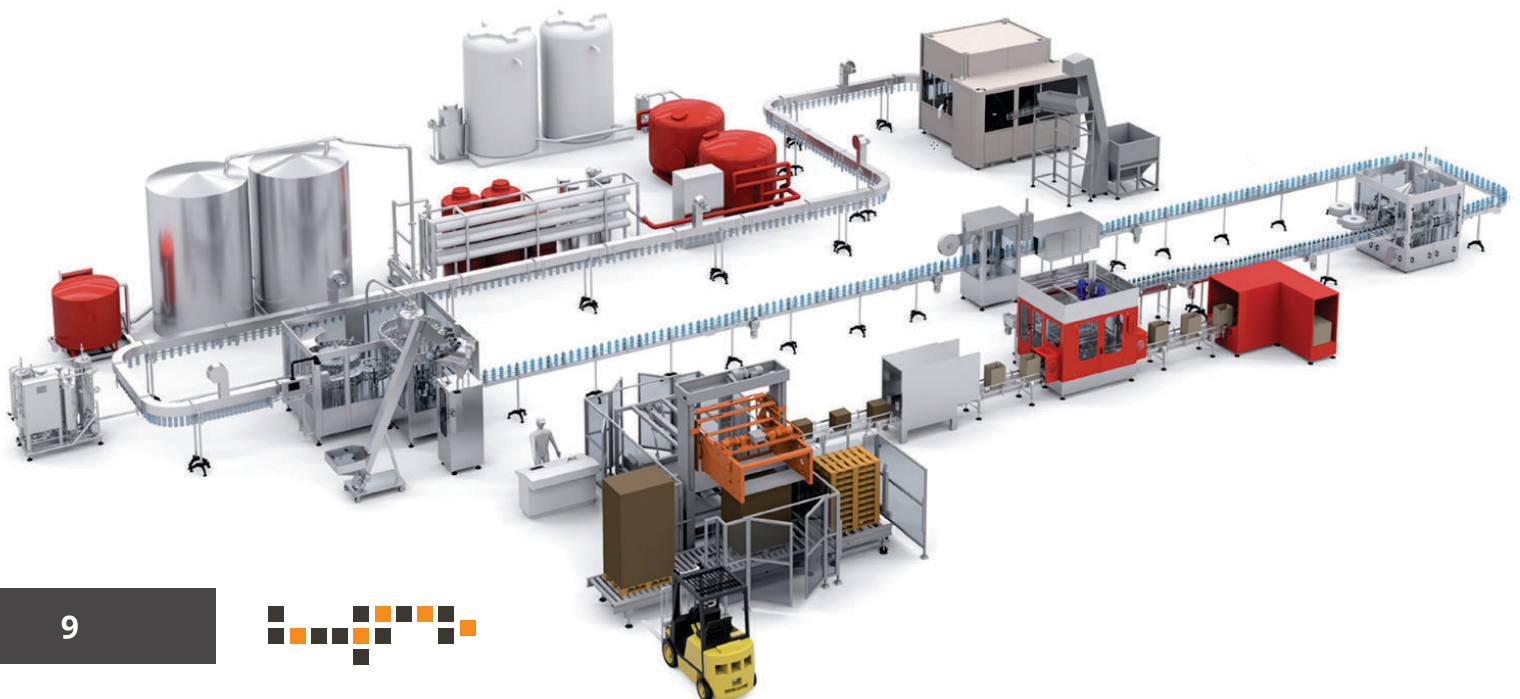
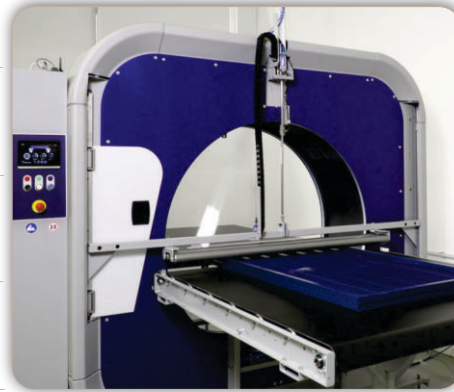
 PVC strapping

 Horizontal wrapping

 Palletizing

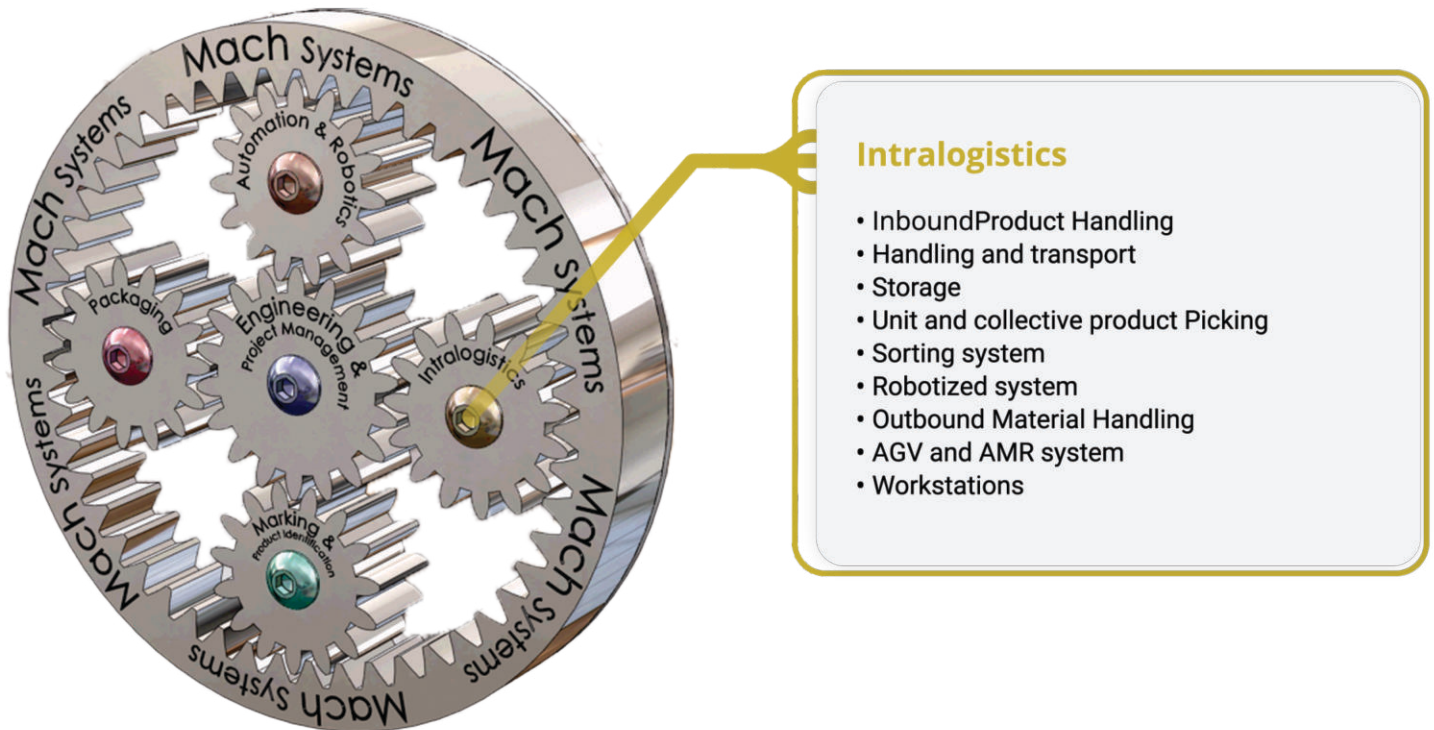
 Pallet strapping

 Pallet wrapping



Intralogistics

The Intralogistics Division has developed within Mach as a natural evolution of the specialized services provided and the projects implemented in businesses that encompassed production and distribution processes, or in businesses within the goods distribution sector.



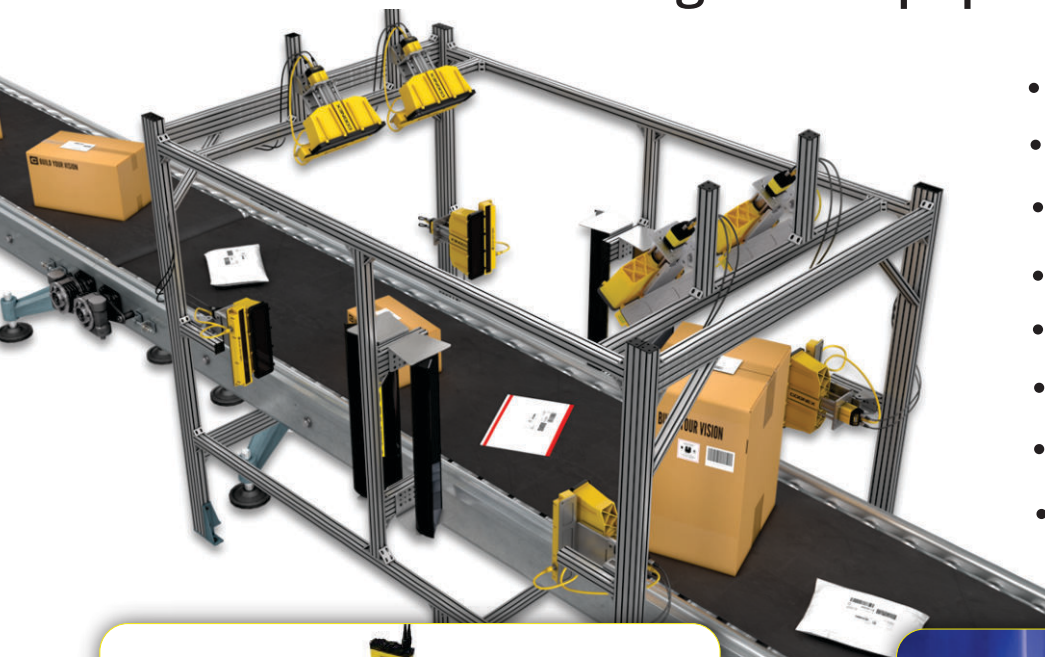
Mach possesses the know-how, technology, and partnerships necessary to provide equipment for various types of warehouses:

- Distribution centers
- Selection, packaging, and distribution centers for goods
- Smart warehouses
- On-demand storage centers
- Refrigerated warehouses
- Customs warehouses

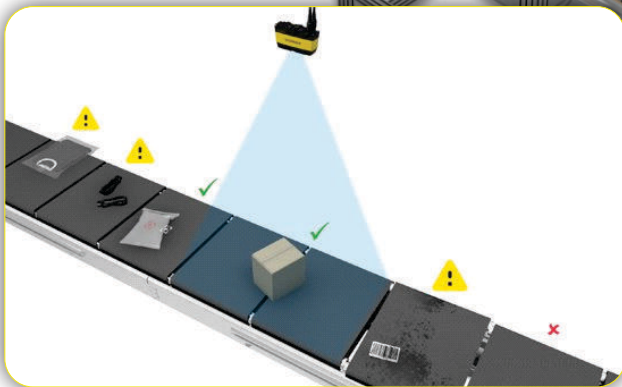
Whether it's about planning, automation, or production traceability, Mach FTD has the appropriate solutions. In terms of optimizing logistics flows, the offering includes comprehensive solutions as well as specialized services for design, integration, automation, and maintenance for logistics centers and warehouses.



Intralogistics Equipment



- Conveyors
- Sorting equipment
- Positioning equipment
- Identification and control equipment
- Industrial cranes
- Storage equipment
- Unit load formation equipment
- Industrial machines





Services

- Warehouse profiling
- Warehouse data analysis
- Warehouse processes (receiving, put-away, order picking replenishment, shipping)
- Warehouse layout (storage system, material handling solutions)
- Project Management
- System integration
- Procedures and training
- Service support and maintenance
- Software related services



Solutions

- Inbound handling
- Convey and transport
- Storage and buffering
- Case and piece picking
- Sortation systems
- Robotic systems
- Outbound handling
- AGV systems
- Workstation systems



Automation and Robotics

The Automation and Robotics Division, alongside the Engineering and Project Management Division, provides customers with complete automation and robot integration solutions, starting from the analysis of input data of the application, graphic representation (2D, 3D) of the concept, and extending to the implementation of solutions in the production process. Our range of solutions encompasses applications in packaging, palletizing, assembly, tool machine servicing, applying edge and corner adhesive, etc.



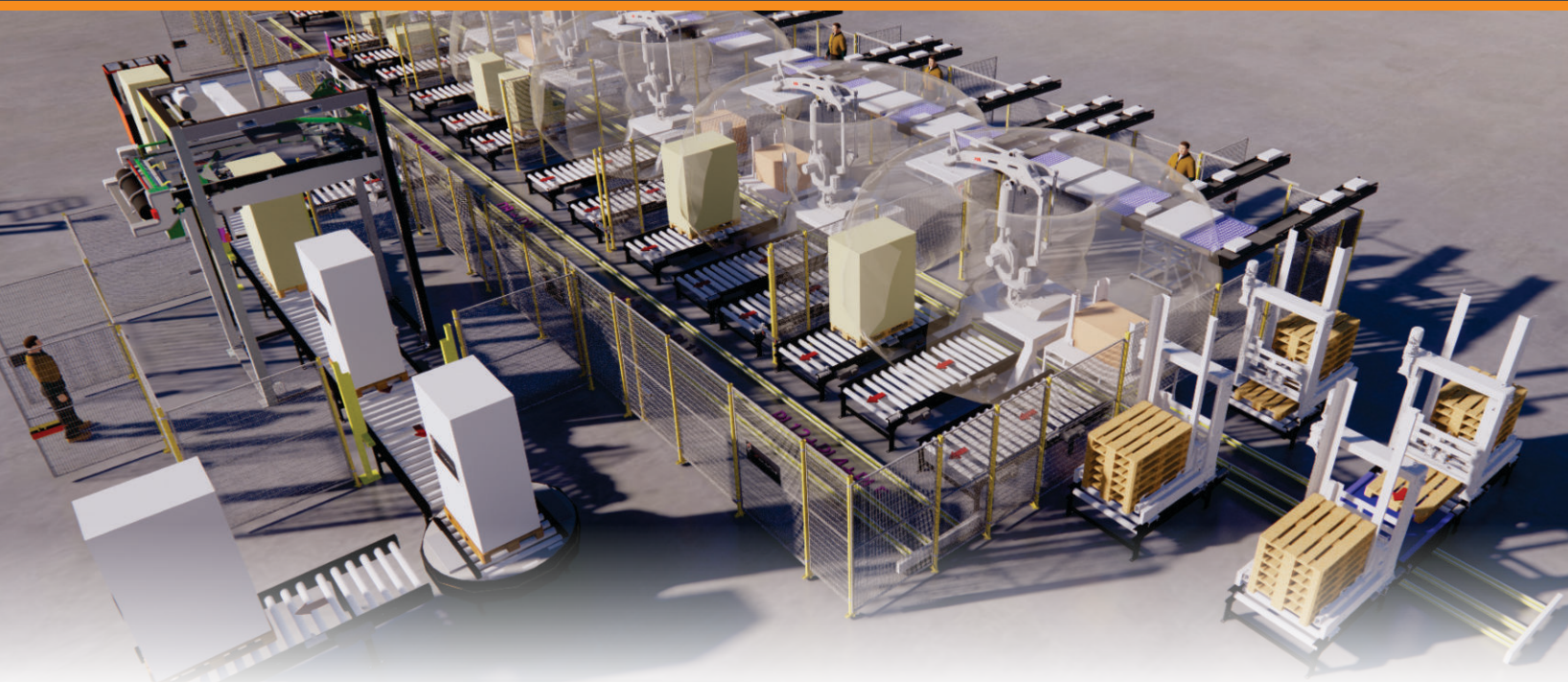
Automation and Robotics

- Traceability
- Quality control
- Line automated controlling
- Pick & Place System and material handling
- Material handling and robotized palletization

Automated applications, with or without robots, require customized equipment. In order to provide customers with complete solutions in the field of industrial robot lines, Mach FTD offers comprehensive service packages, including mechanical design, pneumatic design, electrical design, software applications for flow control, solution implementation and testing, including overall project management.

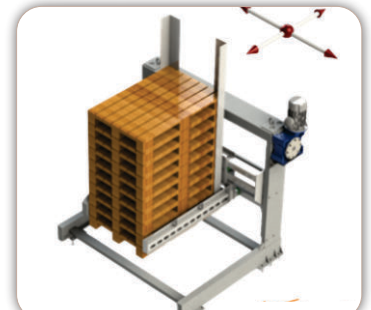
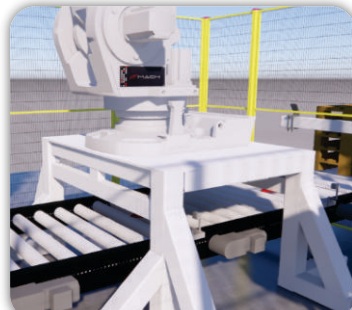
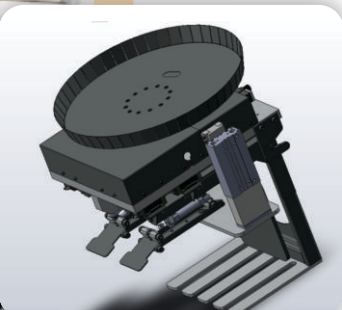
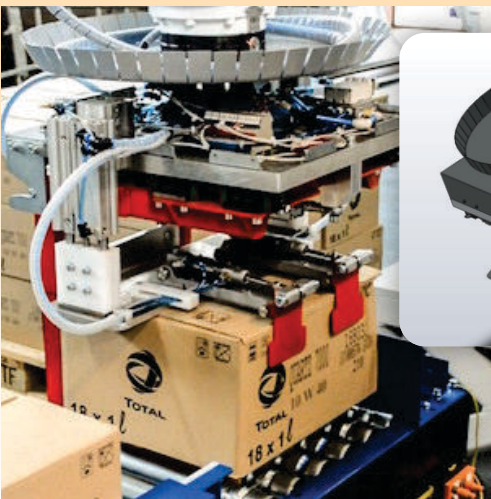
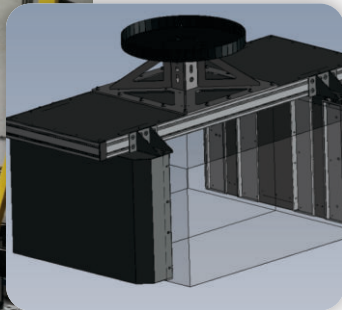
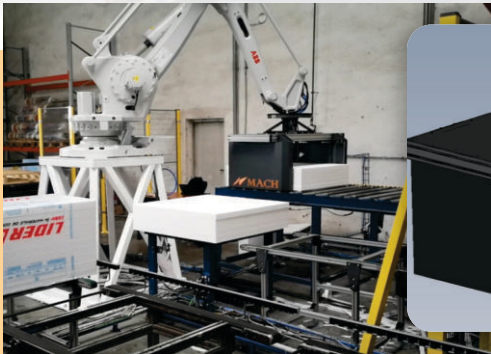
In addition to the extensive range of products and services, the Automation and Robotics Division offers significant advantages, such as:

- The ability to integrate robots into existing production lines without disrupting the current flow.
- The benefit of acquiring all necessary robot operation components.
- The option to request custom automated palletizing stations without robots for specific requirements where robot integration isn't possible.
- The opportunity to order robotized modules for projects with special working conditions (hazardous or demanding environments for humans).



Automation and Robotics

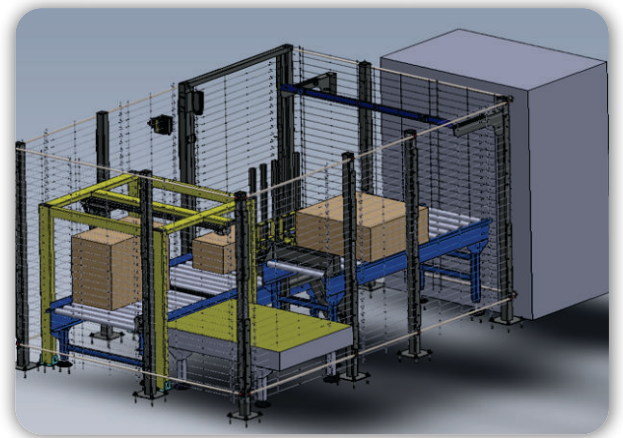
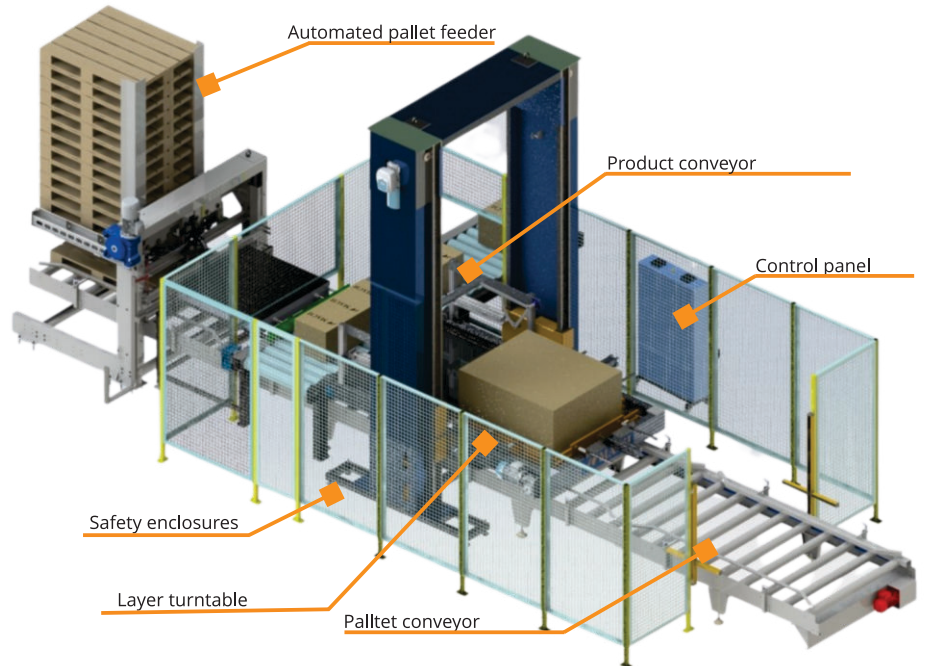
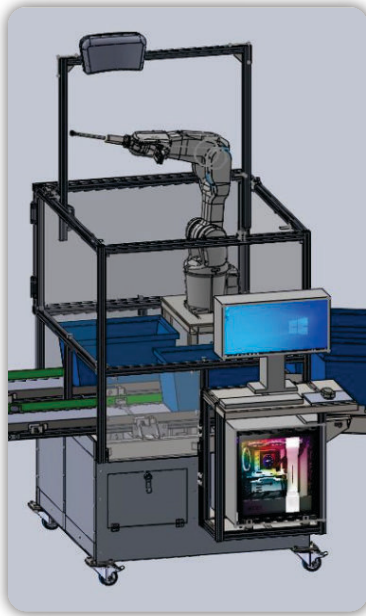
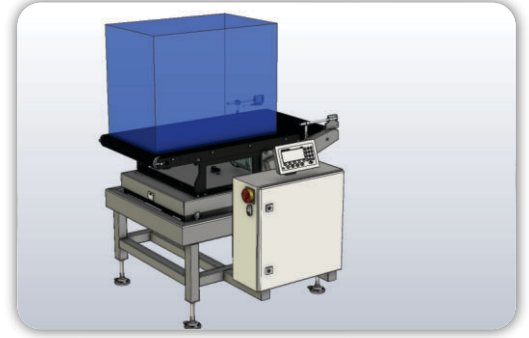
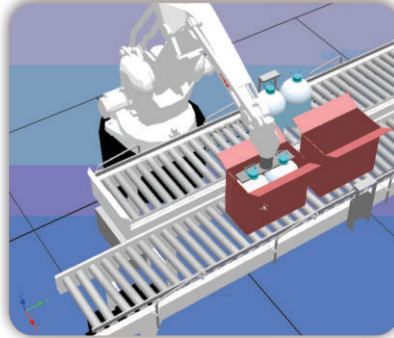
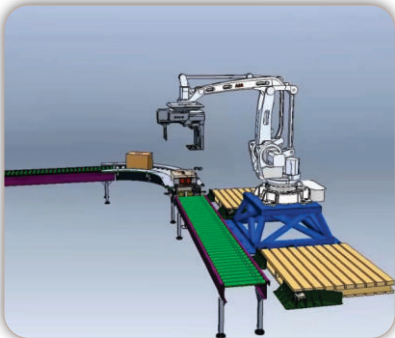
- Analysis of production requirements, solution creation, and performance evaluation.
- Technical and graphic design of the agreed-upon solution.
- Installation and programming of robots.
- Mechanical design of robot components and accessories (grippers, frames, other adjustments).
- Integration of robots into production lines.
- Maintenance and servicing services.
- Spare parts.



Engineering and Project Management

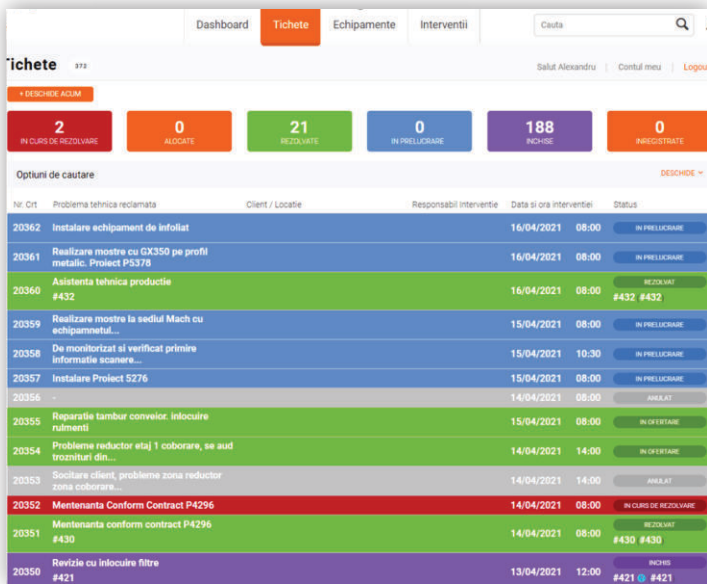
Project management | Mechanical design | Electrical design | Software | Pneumatic design

Automated applications, with or without robots, require customized equipment. In order to provide customers with complete solutions in the field of industrial robot lines, Mach FTD offers comprehensive service packages, including mechanical design, pneumatic design, electrical design, software applications for flow control, solution implementation, and testing, including overall project management.



Maintenance and Technical Support

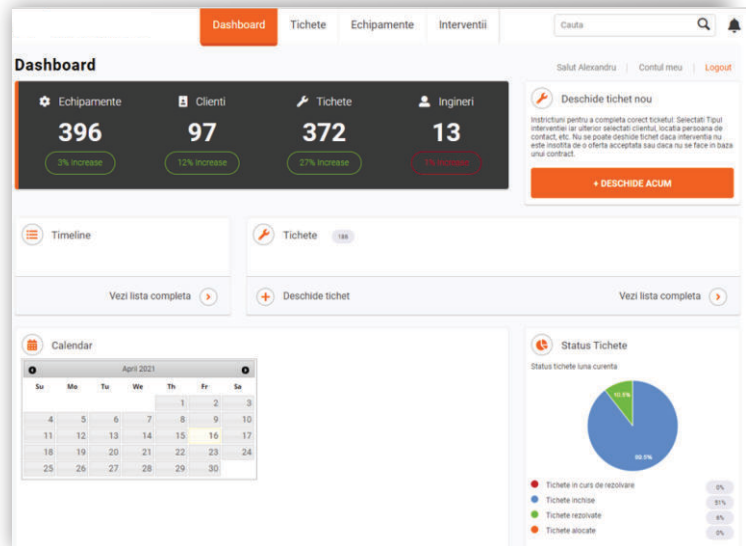
With more than 25 permanent employees and 4 collaborating companies, the service department offers a national coverage with headquarter in București and territorial offices located in Bacău, Cluj, Târgul Mureș, Arad, Brașov and Gorj.



| Nr. Or. | Problema tehnica reclamata | Client / Locatie | Responsabil interventie | Data si ora interventiei | Status |
|---------|---|------------------|-------------------------|--------------------------|----------------------|
| 20362 | Instalare echipament de infoliat | | | 16/04/2021 08:00 | IN PREGATIRE |
| 20361 | Realizare mostre cu GX350 pe profil metallic. Proiect P5378 | | | 16/04/2021 08:00 | IN PREGATIRE |
| 20360 | Asistenta tehnica productie #432 | | | 16/04/2021 08:00 | RECENZAT #432 #432 |
| 20359 | Realizare mostre la sediul Mach cu echipamentul... | | | 15/04/2021 08:00 | IN PREGATIRE |
| 20358 | De monitorizat si verificat primire informatii scane... | | | 15/04/2021 10:30 | IN PREGATIRE |
| 20357 | Instalare Proiect 5276 | | | 15/04/2021 08:00 | IN PREGATIRE |
| 20356 | | | | 14/04/2021 08:00 | ANULAT |
| 20355 | Reparatie tambur conveyor. Inlocuire rulmenti | | | 15/04/2021 08:00 | IN OFERTARE |
| 20354 | Probleme reductor etaj 1 coborare, se aud transmitii din... | | | 14/04/2021 14:00 | IN OFERTARE |
| 20353 | Schimbare elerici, probleme zona reductor zona coborare... | | | 14/04/2021 14:00 | ANULAT |
| 20352 | Mentenanța Conform Contract P4296 | | | 14/04/2021 08:00 | IN CURS DE REZOLVARE |
| 20351 | Mentenanța conform contract P4296 #430 | | | 14/04/2021 08:00 | RECENZAT #430 #430 |
| 20350 | Revizii cu inlocuire filtre #421 | | | 13/04/2021 12:00 | INCHIS #421 #421 |

Areas covered:

- Warehouse Automation
- Bottling lines
- Packing machines
- Binding machines
- Conveyor systems
- Labeling systems
- Marking systems - Inkjet and Laser
- Quality control systems
- Palletizing machines and industrial robots





Clients



Partners

ABB: Sweden - Industrial robots

ACMI: Italy - Packaging and bottling lines and equipment

AETNA GROUP: Italy - Packaging, wrapping, sealing with adhesive tape of cardboard boxes, palletizing systems

ALBERTINA: Czech Republic - Filling, capping, labeling equipment, and complete filling lines

ALTEC LTD: Czech Republic - Bottling machines

ALTECH: Italy - Printing and labelling solutions

AMBAFLEX: Netherlands - Conveyor transport systems

AMS FERRARI: Italy - Bottling, packaging, and processing lines

CONCETTI: Italy - Packaging, weighing, and palletizing equipment, complete lines for bag packaging

CONVEYOR UNITS: UK: transport conveying system

DOMINO: UK- inkjet, laser, thermotransfer labelling solutions

ITALPACK: Italy - Equipment for filling paper bags

ERGOPACK: Germany - Strapping pallets

FANUC: Japan: Industrial robots

FLEXLINK: Sweden - Conveyors and automated transport conveyors for pallets

ILPRA: Italy - Thermoforming, dosing, filling, and sealing machines

INTERROLL: Switzerland - Global provider of material handling solutions

GBHARDT: Germany - Complete intralogistics systems, from roller conveyors to shelf stackers

KUKA: Germany - Industrial robots

LOMA: UK - Metal and contaminant detection systems

LORA PACK: Italy - Horizontal/vertical flow pack packaging machines

MESSERSI: Italy - Automated pallet strapping equipment with strap

MF TECHNO: Italy - Complete machinery and installations for weighing, packaging, and palletizing sacks weighing from 5 to 50 kg.

NEMESIS: Italy - Weighing and metal detection equipment

PLASTICBAND: Spain - Horizontal Wrappers and Strapping Machines with Band Strap

SATO: Japan - Label Printing Equipment

SMF: Germany - Pet blowers

SMI PACK: Italy - Shrink Wrapping System

SOCO SYSTEM: Denmark - Conveyor Systems, Automated Packaging Lines

STV: Italy - Equipment and Complete Lines for Packaging Food Products in Jars and Metal Cans

TECHNOmark: USA - Laser and micro-percussion systems

TECHNIPES: Italy - Valve Bag Filling Equipment

TIRELLI: Italy - Packaging Equipment for the Cosmetic and Pharmaceutical Industries

UNIFILL: Italy - Thermoforming and Blister Filling Equipment

VELTEKO: Czech Republic - Vertical Packaging Equipment, Box Filling Equipment, Dosage Equipment, etc.

ZEBRA: USA - Barcode Printing, Scanning, and International Coding Systems

Visions components and system

COGNEX: USA - Vision systems

COVAL: France - Vacuum automation technology

FESTO: Germany - Components, pneumatic and electrical sensor systems

KEYENCE: USA - Sensors and vision systems

SICK: Germany - Sensor elements

SIEMENS: Germany - Sensor elements

WENGLOR: Germany - Sensor elements

Equipment and system



Components





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I want to contact you!

