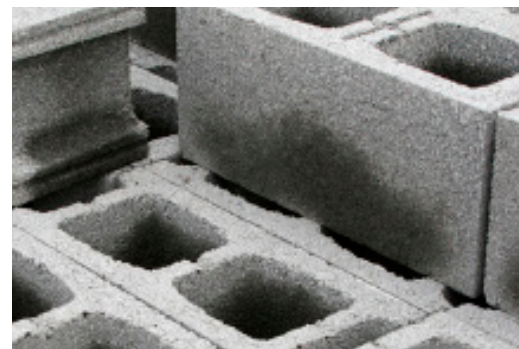


AUTOMATION SOLUTIONS

Sanding ■ Polishing ■ Handling



Anadirobotic

SOLUÇÕES DE AUTOMAÇÃO

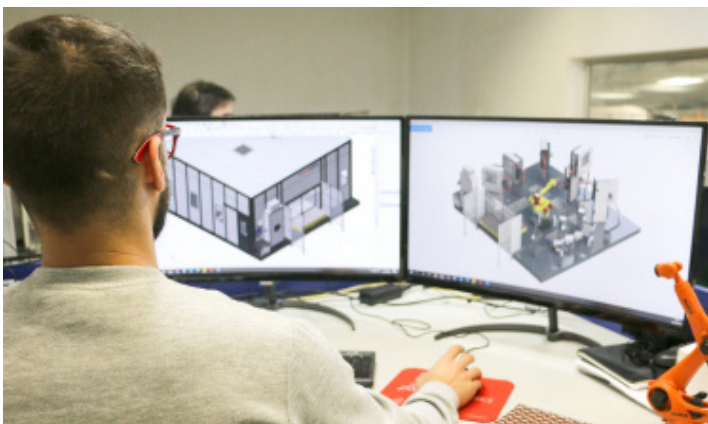


ANADIROBTIC - Robótica, Automação, Projeto e Instalações, Lda., is a company dedicated to the development of automation solutions. It has over 10 years of experience in designing and manufacturing robotic systems and special equipment. It has a multidisciplinary team, with highly specialized collaborators, accumulated experience, capable of meeting the levels of customer demand.

The company's policy is based on the establishment of strategic partnerships that enhance technological innovation and a constant

updating of processes and mechanisms, ensuring greater flexibility and a wide range of optimized solutions adapted to the needs of each customer.

The company can design and install turnkey solutions, with production control and supervision software, always carrying out a preliminary simulation on a 3D platform and pre-installation in its facilities, to be validated by the customer.



AUTOMATION SOLUTIONS

ANADIROBTIC Lda., presents a set of solutions in the field of industrial robotics, its performance ranging from development to installation. Industrial automation is no longer a way of the future to become the reality of the present, the company understood this need and the bet on robotics arises in this sense. As robots are flexible equipment and with great versatility, they can perform the most diverse industrial applications, providing customers with effective solutions.

In this sense, the company specializes in areas that bring added value to customers, in terms of productivity, safety, quality and a continuous product standard, generating gains in competitiveness in relation to the market.

This specialization concerns the areas:



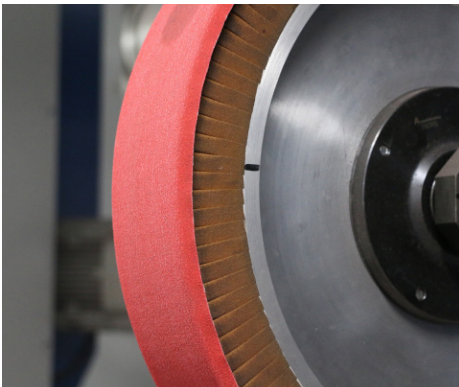
SANDING

POLISHING

HANDLING

DEMANDING PROJECTS IN EACH SECTOR OF ACTIVITY

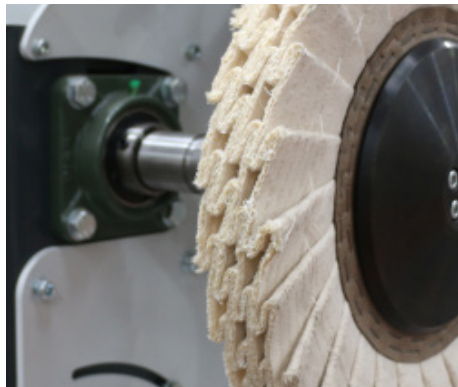
01. SANDING



Business areas:

- Cutlery
- Hardware
- Stainless
- Aluminum
- Timber
- Polymers
- Automotive

02. POLISHING



Business areas:

- Cutlery
- Hardware
- Stainless
- Aluminum
- Wood
- Polymers
- Automotive

03. MANUAL UNITS



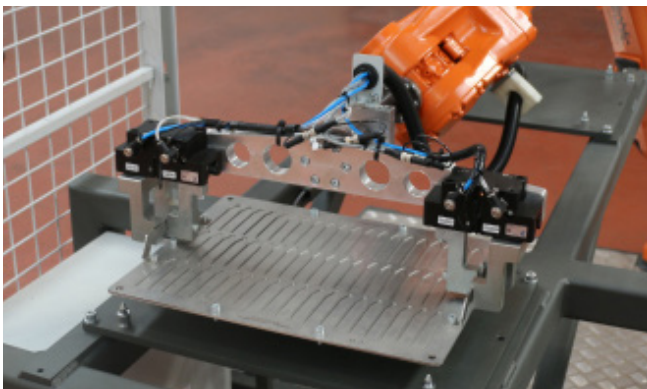
Manual sanding and polishing

Business areas:

- Cutlery
- Hardware
- Stainless
- Aluminum
- Wood
- Polymers
- Automotive

- ANADIROBTIC Brand
- Represented Brands

04. HANDLING



Business areas:

- Palletizing/depalletizing:
 - Bricks
 - Bags
 - Boxes
 - Stones
- Attendance of machines:
 - CNC
 - Injection
 - Tooling
 - Presses

05. TECHNICAL SUPPORT



Business areas:

- Maintenance/Repairs
 - FANUC;
 - KUKA;
 - ABB.
- Spare Parts Sale (new/outfitted):
 - Power supplies
 - Cables
 - Engines
 - Electronic Cards
 - etc.

01.

SANDING

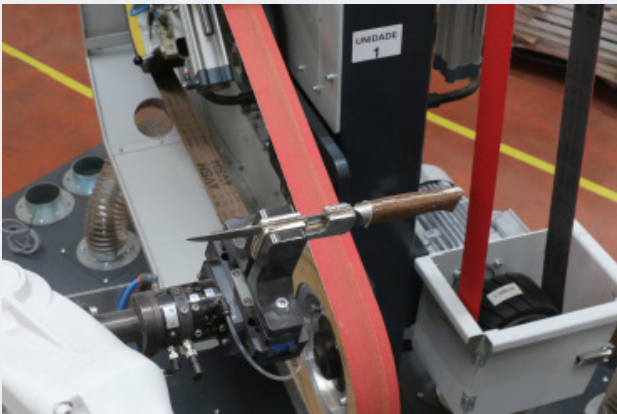
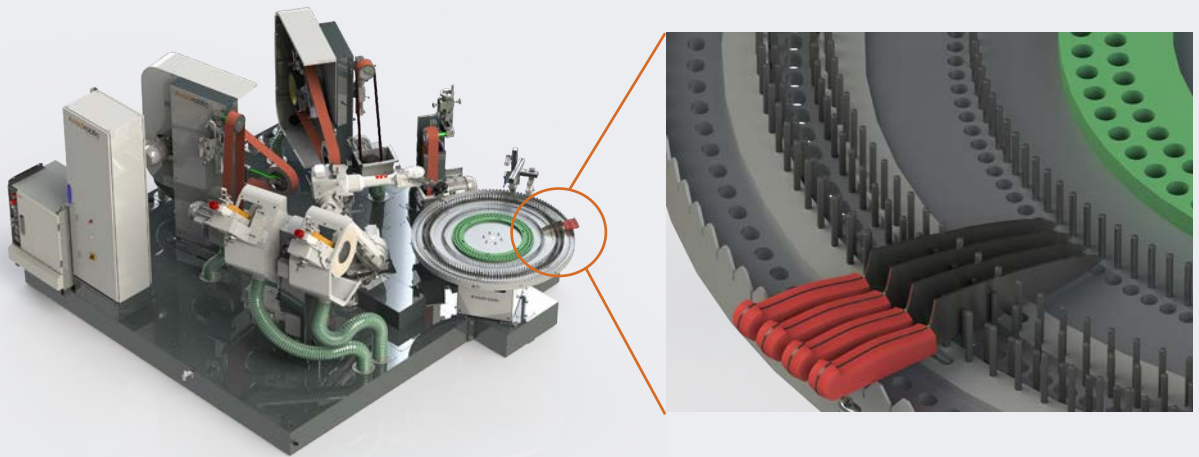
Anadirobotic's Sanding Cells offer a fully automated, reliable, and flexible system capable of optimizing and accelerating the sanding process market solution. We considerably increase production in a uniform and constant way. We provide the complete and programmed solution for your sanding needs.

BUSINESS AREA:

CUTLERY

The Cutlery industry has been one of Anadirobotic's main focuses in terms of the application of robotic sanding cells. The investment in this industry started to suppress the lack of solutions in the market that promoted an increase in production speed and adapted to the equipment already installed by the customer.

Examples of parts: Wood Handle; Synthetic material handles; Forgings; Blades; Forks; Spoons.

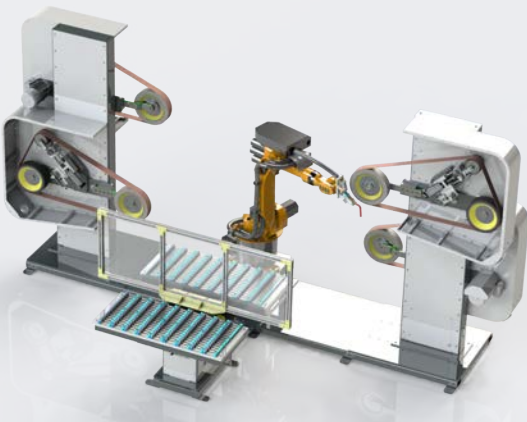


BUSINESS AREA:

HARDWARE

Anadirobotic has extended its operations to the hardware industry, particularly in sanding and polishing handles. The cells already installed allow to present an added value to your production, guaranteeing a faster sanding process and with excellent levels of homogeneity.

Examples of parts: Handles; mirrors.

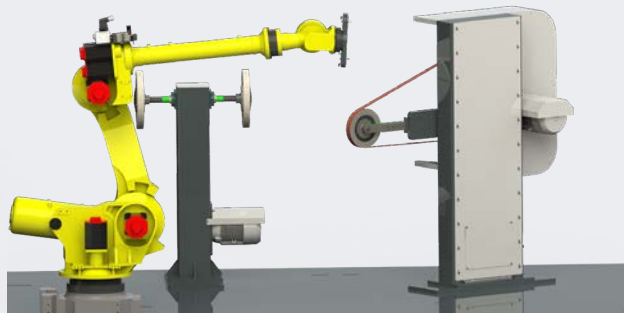
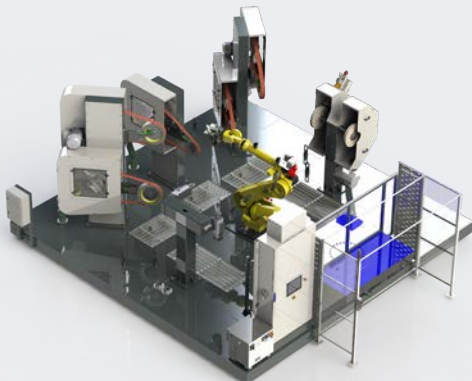


BUSINESS AREA:

ALUMINUM

We present solutions in the aluminum industry. Our application catalog is extensive and diversified. Our know-how gives us the confidence to embrace new challenges and help our customers in their difficulties.

Examples of parts: Bicycle Frames.



01.

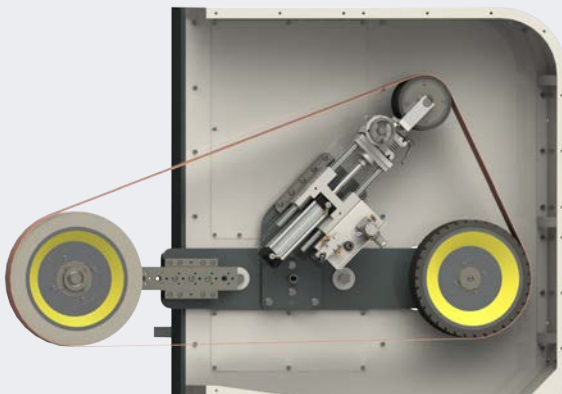
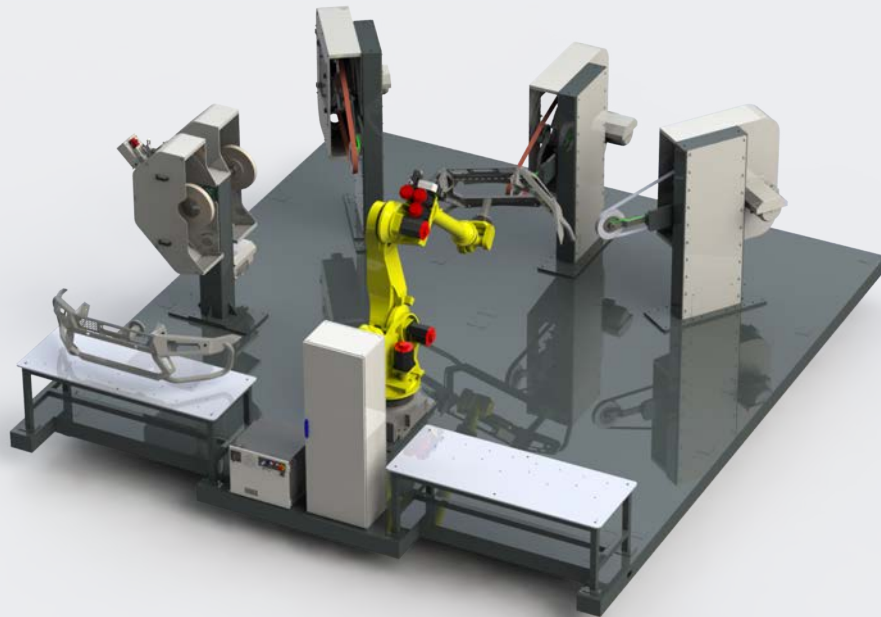
SANDING

BUSINESS AREA:

AUTOMOTIVE

Anadirobotic develops cells for sanding iron parts, with a high-standard configuration, with a large dimension and a very diversified geometry and accentuated relief. Our structure is prepared to adapt to the materials and their specifications.

Examples of parts: Car bumpers

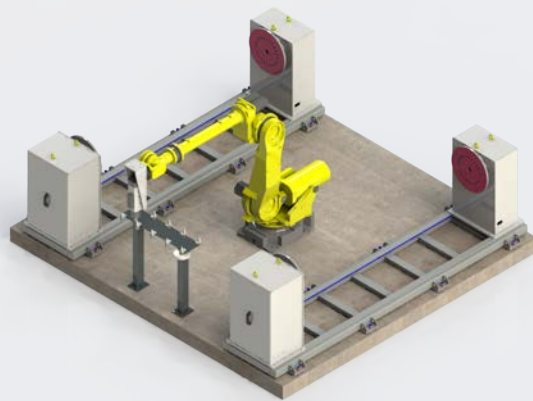


BUSINESS AREA:

LARGE STRUCTURES

Anadirobotic also has a set of solutions for sanding large parts. In this case, the part is fixed in two turn-type positioners and the robot is used to move the sanding unit along the part.

Examples of parts: Radiators / Towel racks.



BUSINESS AREA:

WOOD

The principles of the wood sanding process are identical to those of metal sanding. There is, however, the need to adapt the solution to the type of material and the profile of the piece and for this, Anadirobotic presents a set of solutions already tested in this industry.

Examples of pieces: Hockey Sticks



02.

POLISHING

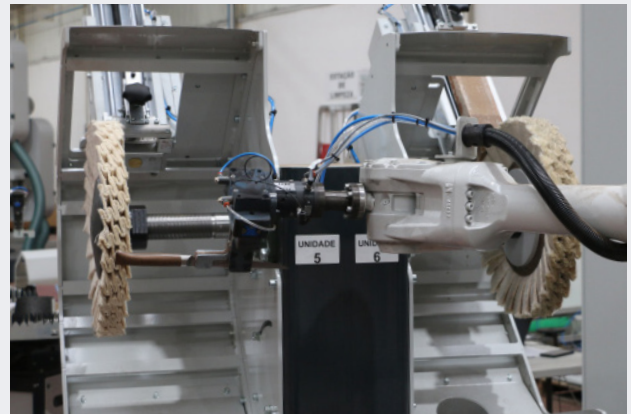
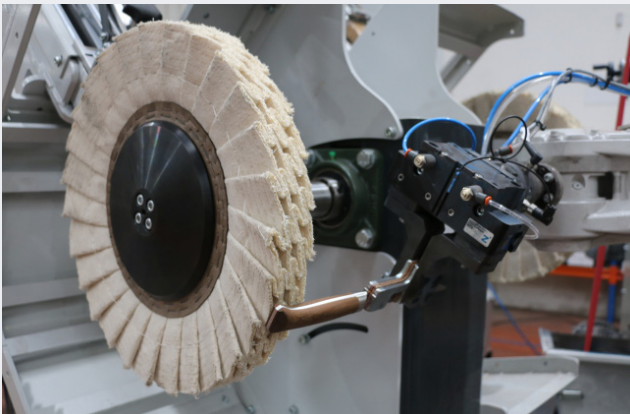
The **Robotized Polishing Cells** provide automation of the polishing process of several pieces with irregular surfaces and complex shapes, giving an integral and precision polishing in a homogeneous way without deforming the geometry of the pieces, the tools used are composed of soft materials that are adapt to the shapes of the pieces.

BUSINESS AREA:

CUTLERY

The Cutlery industry has been one of Anadirobotic's target in terms of the application of robotic cells. Investment in this industry resulted from the lack of solutions that promoted an increase in production speed and adapted to the customer's already installed equipment.

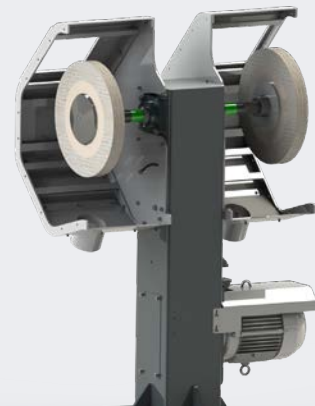
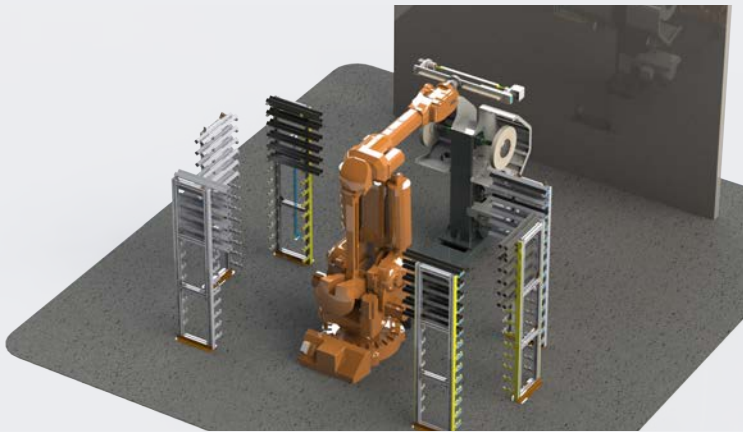
Examples of parts: Madeira Handle; Forgings; Blades; forks; Spoons.



BUSINESS AREA:

STAINLESS PARTS

Anadirobotic presents a portfolio with an infinity of polishing solutions. The constant development of new projects represents a challenge and an opportunity.

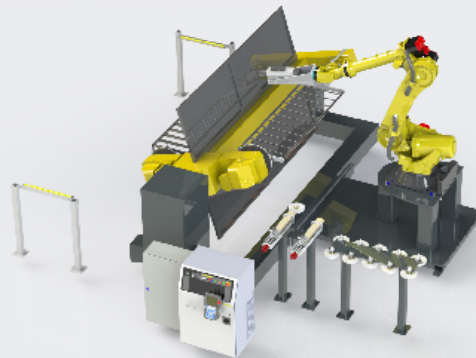
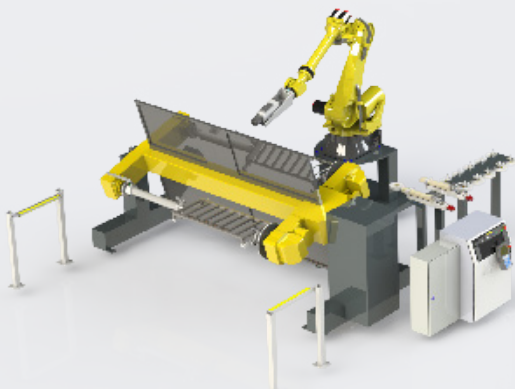


BUSINESS AREA:

TOILETS

We have solutions with the polishing unit fixed to the robot arm with an automatic tool change system.

Examples of parts: Radiator tubes; Complete radiators; Towel racks.



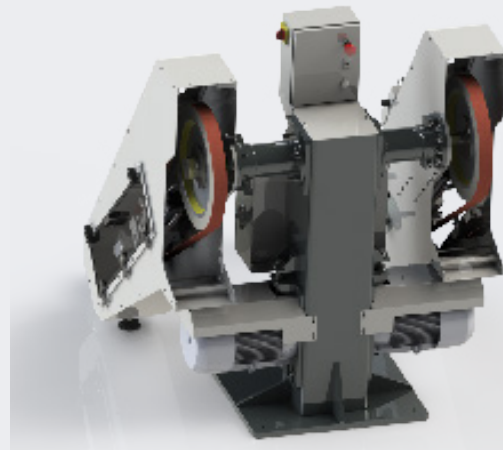
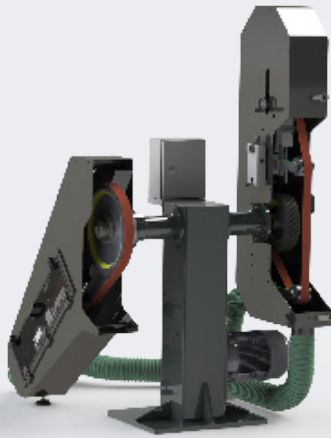
03.

MANUAL UNITS

REPRESENTED BRANDS:

ANADIROBTIC

Manual sanding and polishing units developed and produced by Anadirobotic. The ideal system to complement our robotic units for improved sanding/polishing. Possibility of combining modules according to customer needs (Sanding, band sanding, polishing, with different types of sandpaper).



REPRESENTED BRANDS:

RAMI-YOKOTA

RAMI-YOKOTA provides high quality and performance tools for all industries. The modern technology used results in a high-quality production system based on 90 years of experience. The range of power tools consists of more of 500 different models.

BELT SANDERS



SANDERS



REPRESENTED BRANDS:

SUHNER

Suhner is a flexible manufacturer of specialized industrial tools and components. Its focus is on optimizing process costs through its specialized tools and components. Suhner provides specialized tools for optimizing the processing and refining of industrial surfaces in abrasive manufacturing.

ROTOmax3.5



BSG



ROTOmax3.5



UPG E UPK



04.

HANDLING

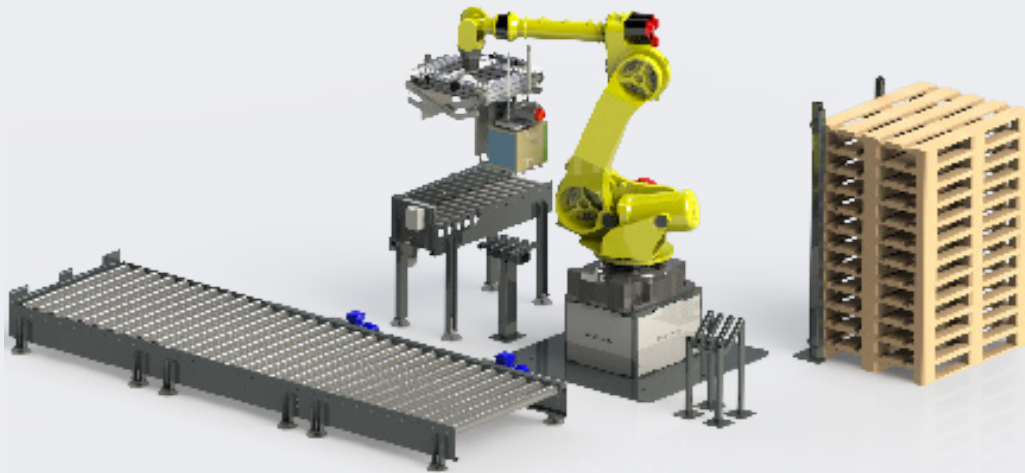
Robotic Handling Cells are applied in any industry, their application eliminates repetitive and heavy tasks of operators and optimizes the entire industrial process. The robot is programmed to perform tasks with great precision and speed. The cells can load and unload various pieces of equipment, as well as manipulate and position large parts for subsequent tasks, such as drilling, threading, bending, bending, welding, and painting.

BUSINESS AREA:

PALLETIZING/DEPALLETIZING

We also have a lot of experience in this area. Our solutions are optimized considering the necessary flexibility to carry out the various depalletizing, palletizing and packaging procedures at high speed.

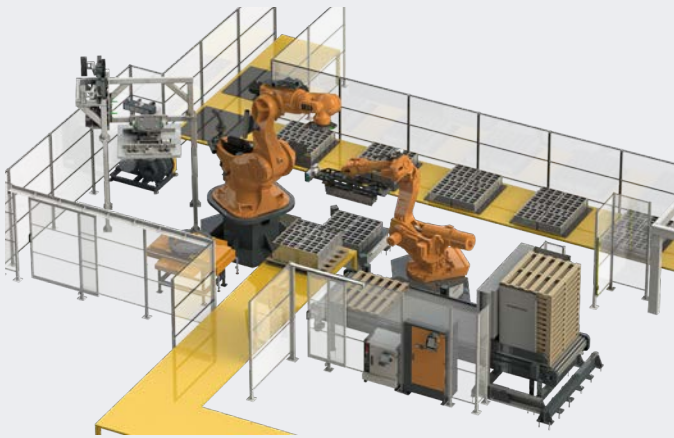
Examples of parts: Solder wire roll; Cans; Blocks; bags; Hat bases; Boxes; traffic signs



BUSINESS AREA:

PALLETIZING/DEPALLETIZING

We have also stood out in this area, with cells already installed in several companies with solutions produced according to customer needs, from palletizing to handling and packaging. We have Robots installed with a load capacity of up to 1300kg capable of moving all types of heavy materials.

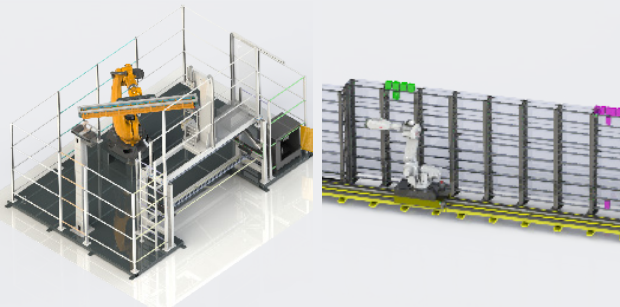


BUSINESS AREA:

ATTENDANCE OF MACHINES

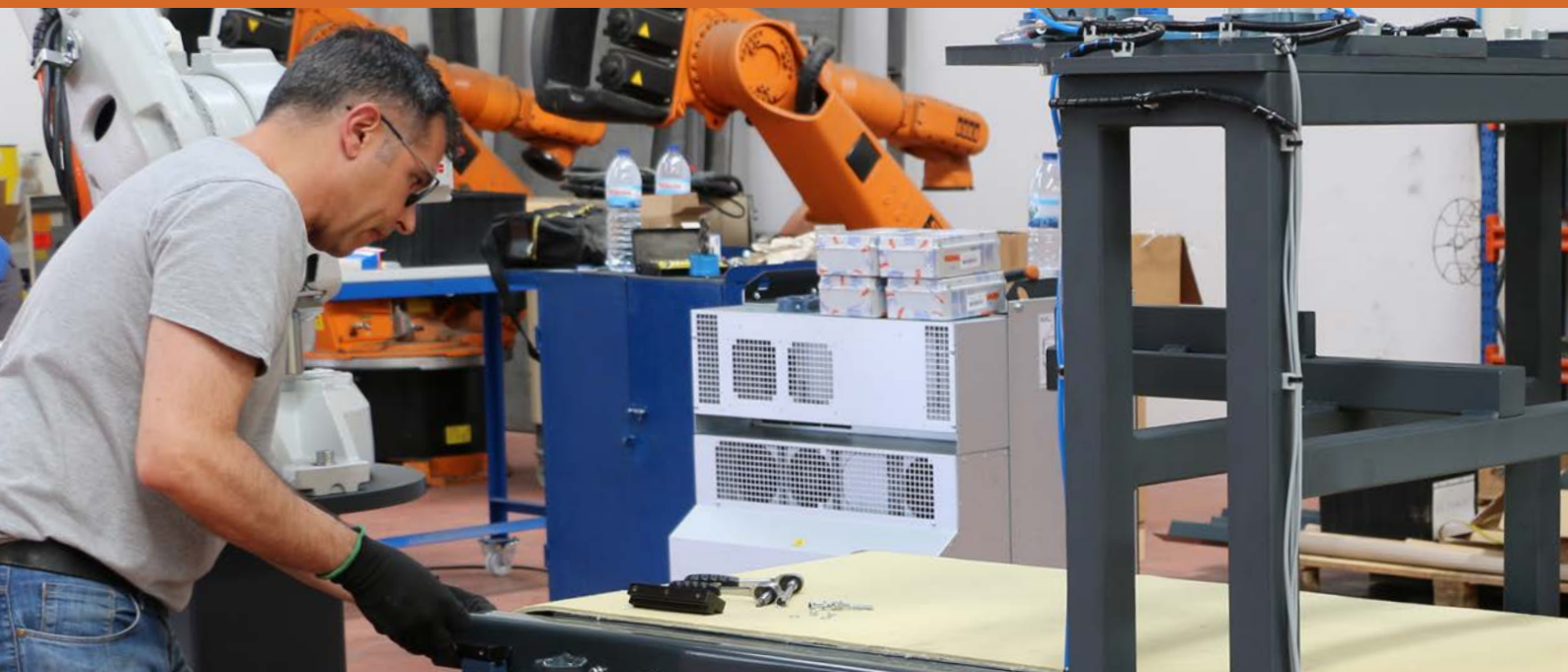
We have solutions for the existing needs of the injection industries, capable of carrying out the difficult work of handling with the injection equipment, thus avoiding exposure to high heat by employees and making their work safer and more efficient. We have monoblock solutions, with a single Robot and Mat working simultaneously with two injection machines, so we optimize all our solutions.

Examples: Plastic injection; Mold injection; Metal injection; Bending; Cinching; CNC.



05.

TECHNICAL ASSISTANCE



Installation

Anadirobtic will be responsible for installing and starting up the equipment at the customer's premises.



Maintenance

We guarantee the availability of replacement components to guarantee the perfect functioning of the equipment.



After sales service

When contacting Anadirobtic, our specialized technicians will be available to answer any questions.



Inspection

It is possible to schedule inspection visits and preventive maintenance to carry out a thorough diagnosis of the conditions and operating status of Anadirobtic machines.



Formation

The training program includes a stage aimed at the maintenance and basic operation of the equipment, as well as the use and programming of the software.

Parts Replacement

BKTRONIC

BKTRONIC, created in 2009, is an Alsace-based company specializing in robotics under the ABB and KUKA brands, with industrial electronic repair as its core business. Over the years, we have diversified our range of services, which now cover most needs that an ABB or KUKA robot user can meet:

- Different solutions for all types of spare parts, from electronics to mechanics.
- On-site interventions (preventive or curative).
- Purchase / sale of revised robots.

To offer high quality parts, we have invested in numerous robots (more than 20 robots dedicated to testing), and we have developed test benches dedicated to specific elements installed in the robots (7th axes, I/O boards).

All parts offered are guaranteed for 1 year. We offer free repair quotes, and in case of a price request, we guarantee a quick response.

Emergency management is part of our practice: in the event of a production stoppage, we do everything in our power to offer you a solution that meets your expectations

roBotKable

The company roBotKable, a subsidiary of BKTRONIC, specializes in the renovation, supply and design of cables and harnesses (internal or process) for industrial robots. With strong experience in the ABB robot brand, we have the technical and human resources to respond to all types of requests concerning cables and peripheral connectors for industrial robots.

We can offer exchange and reconditioning solutions for most references fitted to ABB robots. Our know-how also allows us to respond to various requests for other brands of robots.



Security and Certification

Safety is a determining factor during operations, aware and sensitive to this, we develop solutions that guarantee the protection of the operator. Our solutions are properly certified, complying with established regulations.

After-sales and Warranties

Anadirobtic recognizes the importance of being part of each client's project, being an integral part of the preparation of automation solutions. But its contribution does not end with the application of the robot. We provide a follow-up service to the customer, through preventive/corrective maintenance, we provide technical support in case of breakdowns, being available to provide technical support 24/24 hours upon the conclusion of a maintenance contract, with a team in the field prepared to intervene. We assume ourselves as partners of our customers and we aim to be part of their success.

Partners

ANADIROBTIC, Lda., assumes the importance of partnerships as a key factor for the success of its activity. Therefore, has established a set of partnerships with professional networks of companies and specialized entities, which promote the sharing of knowledge. In an increasingly competitive market that is constantly being updated, it is essential to keep up with these changes and find the best solutions. Our partnerships are established based on commitment and trust, in a process of mutual gains, and the added value is recognized through the provision of quality customer service.



Anadirobotic

SOLUÇÕES DE AUTOMAÇÃO



AUTOMATION SOLUTIONS

SPECIFIC FOR EACH CHALLENGE

Anadirobotic

SOLUÇÕES DE AUTOMAÇÃO

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