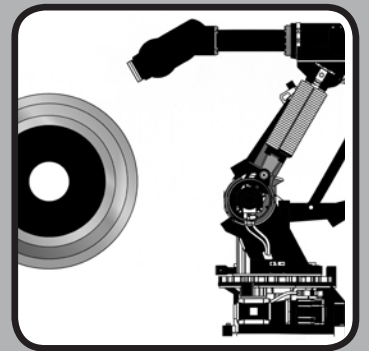
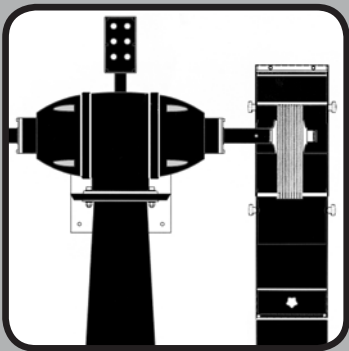


ARCOS

Systems for Surface Finishing
and much more



Reliability and Innovative Technologies

Since 1965

ARCOS has been working in the field of surface finishing since 1965.

Let us introduce our company.

We have always dedicated ourselves to the manufacture of machines and systems universally recognised as synonymous with reliability and the latest technology.

Our technical expertise allows us to develop the latest technology to find solutions to problems in grinding, deburring, polishing, cutting and automation generally.

To understand the secret of our success we would like to show you how ARCOS develops planning and production activities.

Initially we start with a careful analysis of our customers needs and requirements. We work closely with our customers to offer them a quick and economical solution to their problems.

CAD planning together with product trials conducted at ARCOS allow us to determine the most cost effective solution for the future.

Once the customer is satisfied with our results we can move to the next stage.

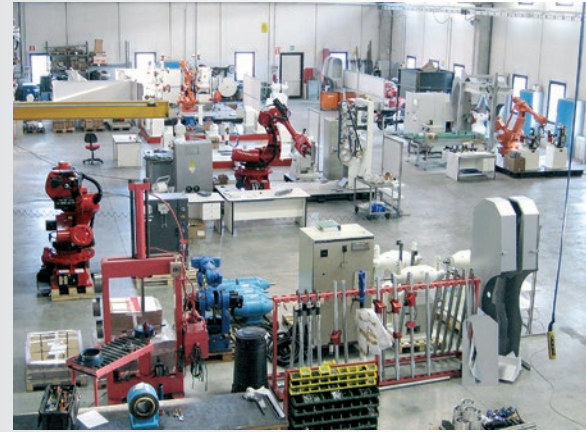
At ARCOS we pride ourselves on the creation of high quality machines and systems. To guarantee this high quality we are continuously developing new state of the art technologies with skilled motivated people using the best possible materials.

We strive to provide cost effective solutions together with the support needed to increase competitive advantage.

These are the foundations to provide reliable innovative machines.

Of course our role does not end with the successful installation of our machines. Our team of qualified technicians guarantees customer service and rapid response wherever our machines are located.

Our main objective is and always will be the total satisfaction of our customers.



Innovative Technologies of ARCOS

R&D

Innovation through Research and Development is the foundation for our continued success ensuring solutions to complicated technical problems.

Constant pressure

Electronic control of polishing pressure is automatically controlled and mop wear compensated in relation to the workpiece and surface speed.

Multipurpose working units

The working units used in our robotic systems are the only ones in the world which can be employed both for grinding and polishing.

Flexibility

Our machines allow the operator to quickly and easily change from one part to another, as a result they are particularly effective for the handling of small batch quantities.

Automatic metering system for abrasive compound

Patented device for the controlled and programmable metering of abrasive compound.

Simple to program and operate

Intuitive functions, with a full graphic display, clear messages and dedicated software enable the operator to easily understand our machines.

On line service

Our machines can be assisted, controlled, managed and programmed directly from our company with a simple online link.

Safety

All our machines comply with all current CE requirements.

Offline programming

Our interactive system allows us to plan, realize and verify the working programmes with 3D simulations.

Our machines

ROBOT SYSTEMS

for grinding, deburring, polishing, and cutting any kind of item.



CENTERLESS MACHINES

with multiple heads for grinding of tubes and rods.



AUTHOMATIC MACHINES FOR FLAT SURFACES

with multiple heads for grinding of flat items.



CONTINUOUS, INDEXING AND CNC ROTARY TABLES

for grinding and polishing.

MANUAL POLISHING AND GRINDING MACHINES BUFFING POLISHING AND BELT GRINDING



AUTOMATION and FOLLOW UP LINKS for:

- _ electric galvanising systems
- _ laser systems for cutting or incision
- _ loading and unloading solutions
- _ indexing systems
- _ collecting systems
- _ tool machines
- _ lathes
- _ milling machines
- _ transfer lines
- _ cutting lines
- _ assembly lines



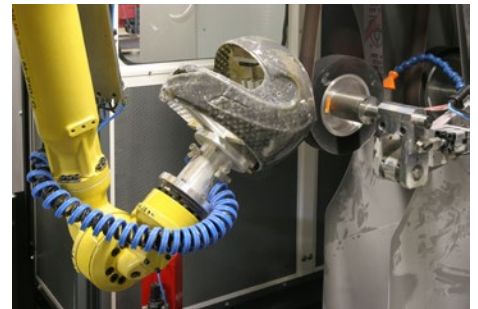
Below you can find some of the industries we supply

- Handles
- Faucets
- Accessories for metallic furnishing
- Accessories for bathroom
- Household articles
- Lamps and chandeliers
- Irons
- Items for automotive industry
- Items for aeronautical industry
- Items for marine industry
- Items for motorcycle industry
- Buckles and fashion accessories
- Knives and scissors
- Silverware
- Tubes, rods and shafts
- Turbine blades
- Orthopaedic appliances
- Surgical instruments
- Radiators for heating
- Steel, aluminium, cast iron items
- Metal or wood items for weapons
- Follow-up link of lathes, milling machines, transfer, CNC and laser machines
- Horology
- Sinks
- Gearing
- Frames
- Car rims
- Crash helmets
- and more...



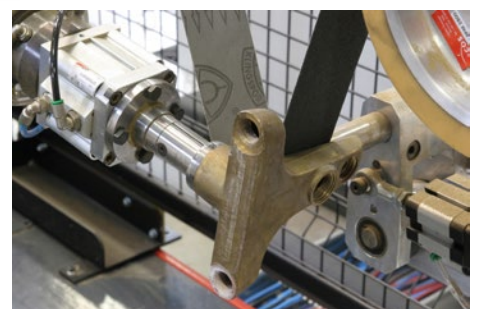
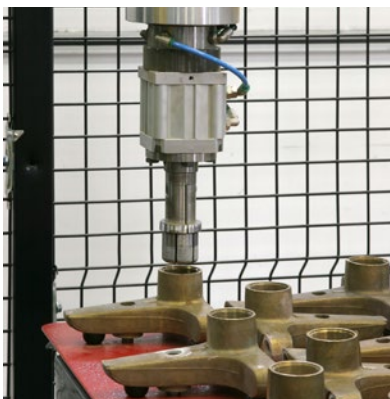
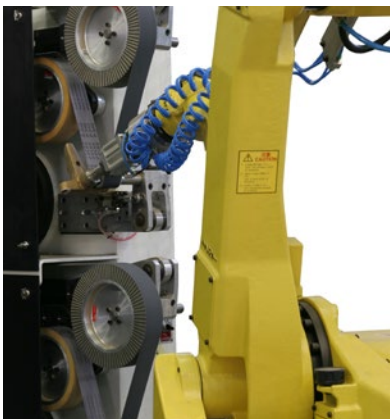
ROBOTIC SYSTEM

FOR SANDING HELMETS



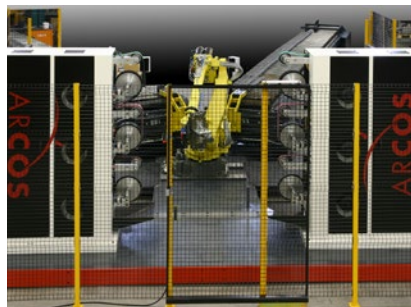
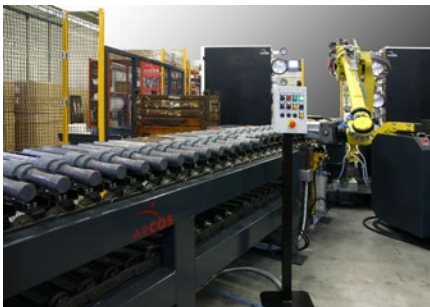
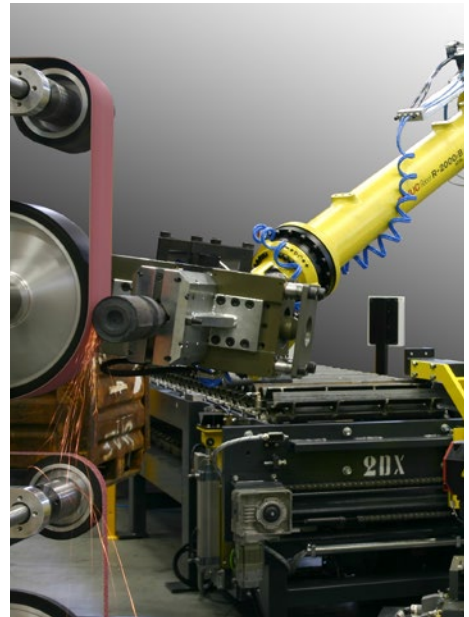
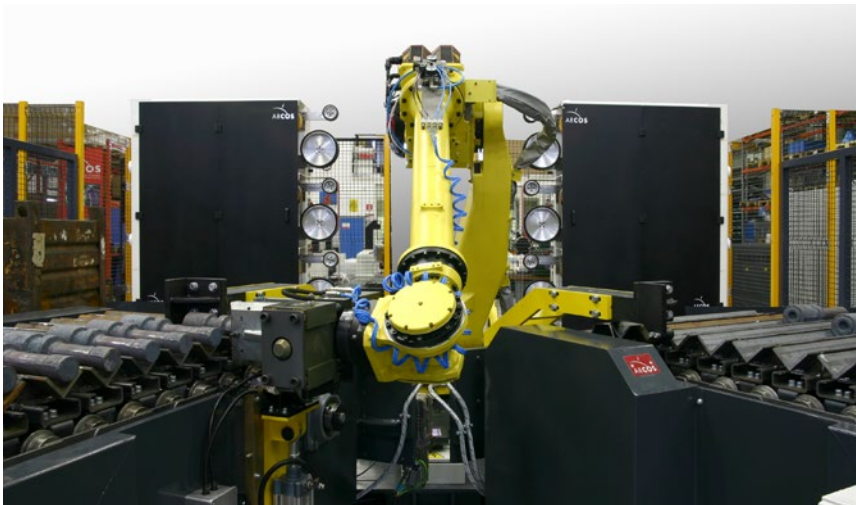
ROBOTIC SYSTEM

FOR GRINDING FAUCETS



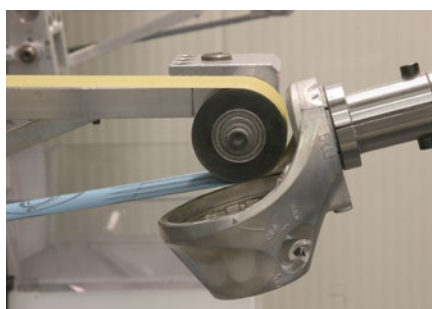
ROBOTIC SYSTEM

WITH VISION DEVICE
FOR PICKING,
DEBURRING AND
PLACING HEAVY
FORGED PARTS



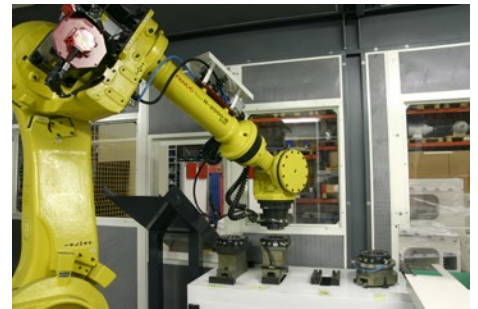
ROBOTIC SYSTEM

WITH VISION DEVICE
FOR GRINDING PARTS IN
MAGNESIUM



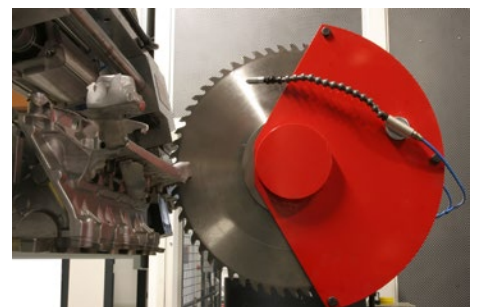
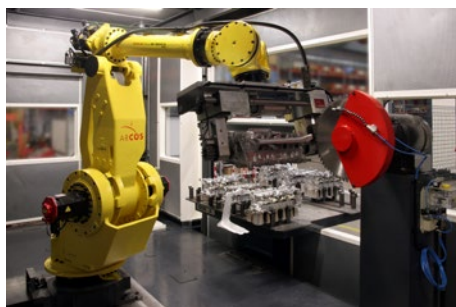
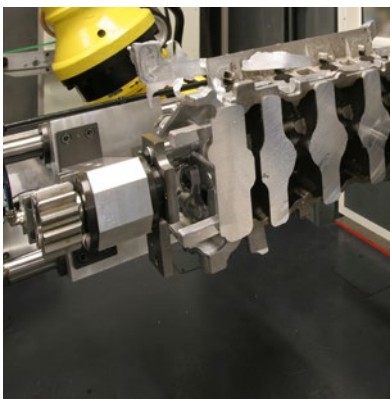
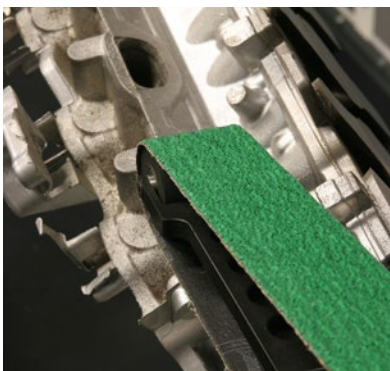
ROBOTIC SYSTEM

FOR CUTTING AND
GRINDING TURBINE
BLADES



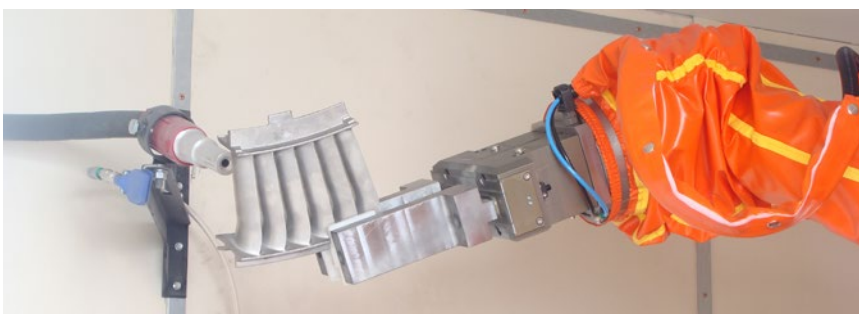
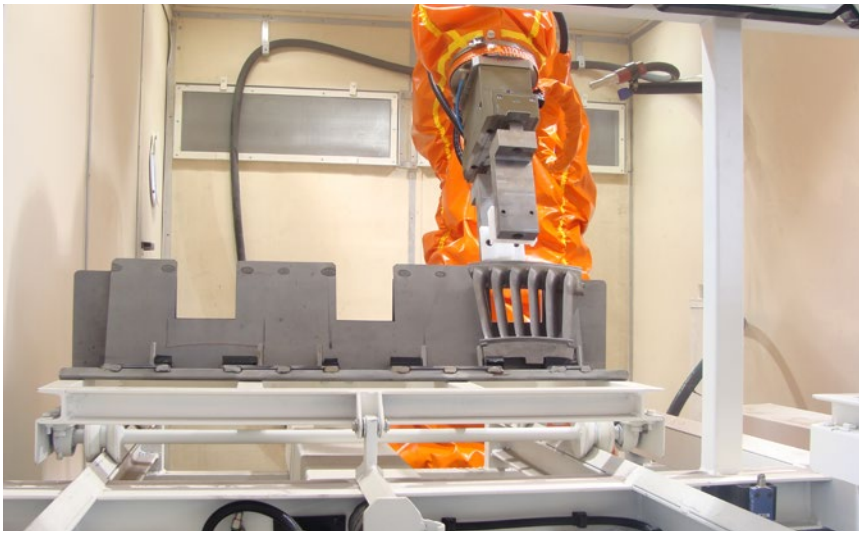
ROBOTIC SYSTEM

FOR CUTTING AND GRINDING ENGINE
BLOCKS AND PARTS OF MOTORS



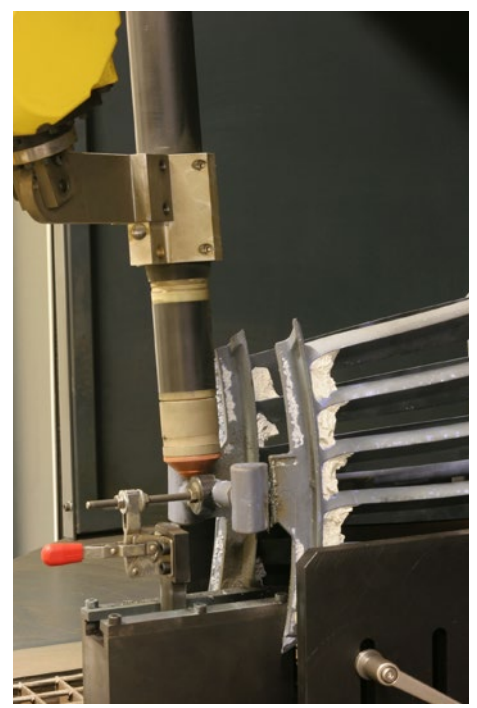
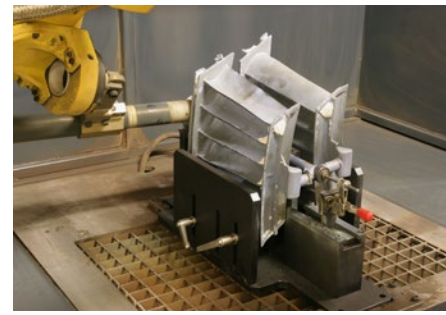
ROBOTIC SYSTEM

FOR BLASTING



ROBOTIC SYSTEM

FOR PLASMA CUTTING



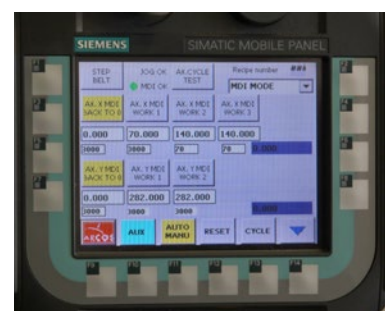
CONTINUOUS ROTARY TABLE

FOR POLISHING BUCKLES



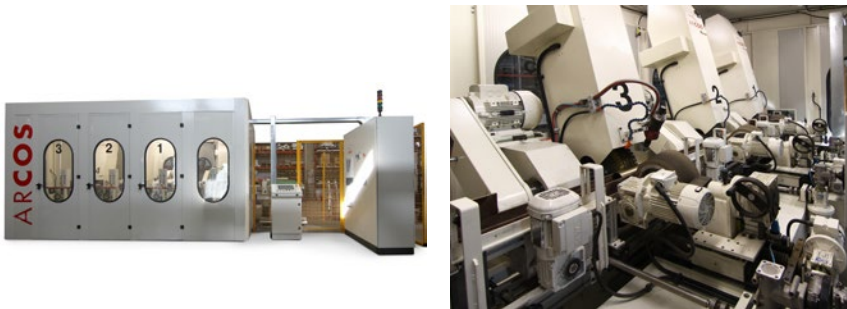
INDEXED ROTARY TABLE

FOR GRINDING AND POLISHING
THE OUTSIDE OF THE PANS



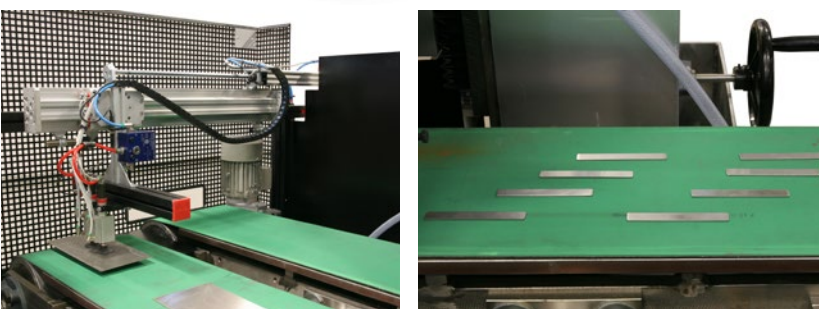
CENTERLESS MACHINE

FOR GRINDING AND POLISHING
ROUND TUBES AND BARS



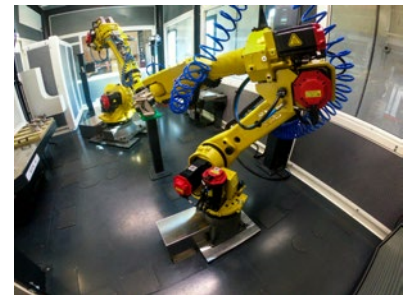
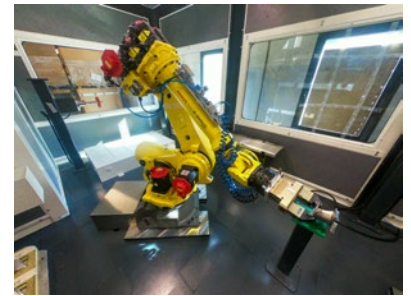
AUTOMATIC MACHINE

FOR GRINDING FLAT PIECES



ROBOTIC SYSTEM

VERY FOR DEBURRING
TWISTED TURBINE BLADES



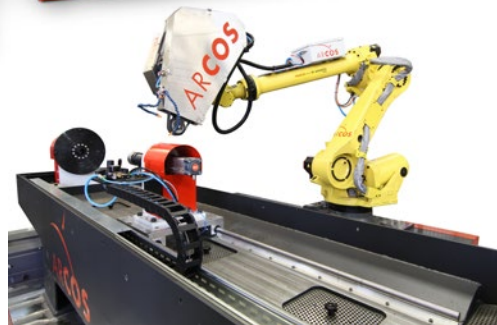
ROBOTIC SYSTEM

ROBOTIC SYSTEM FOR DEBURRING,
GRINDING, POLISHING ALUMINUM PARTS



ROBOTIC SYSTEM

FOR FINISHING LARGE TURBINE BLADES



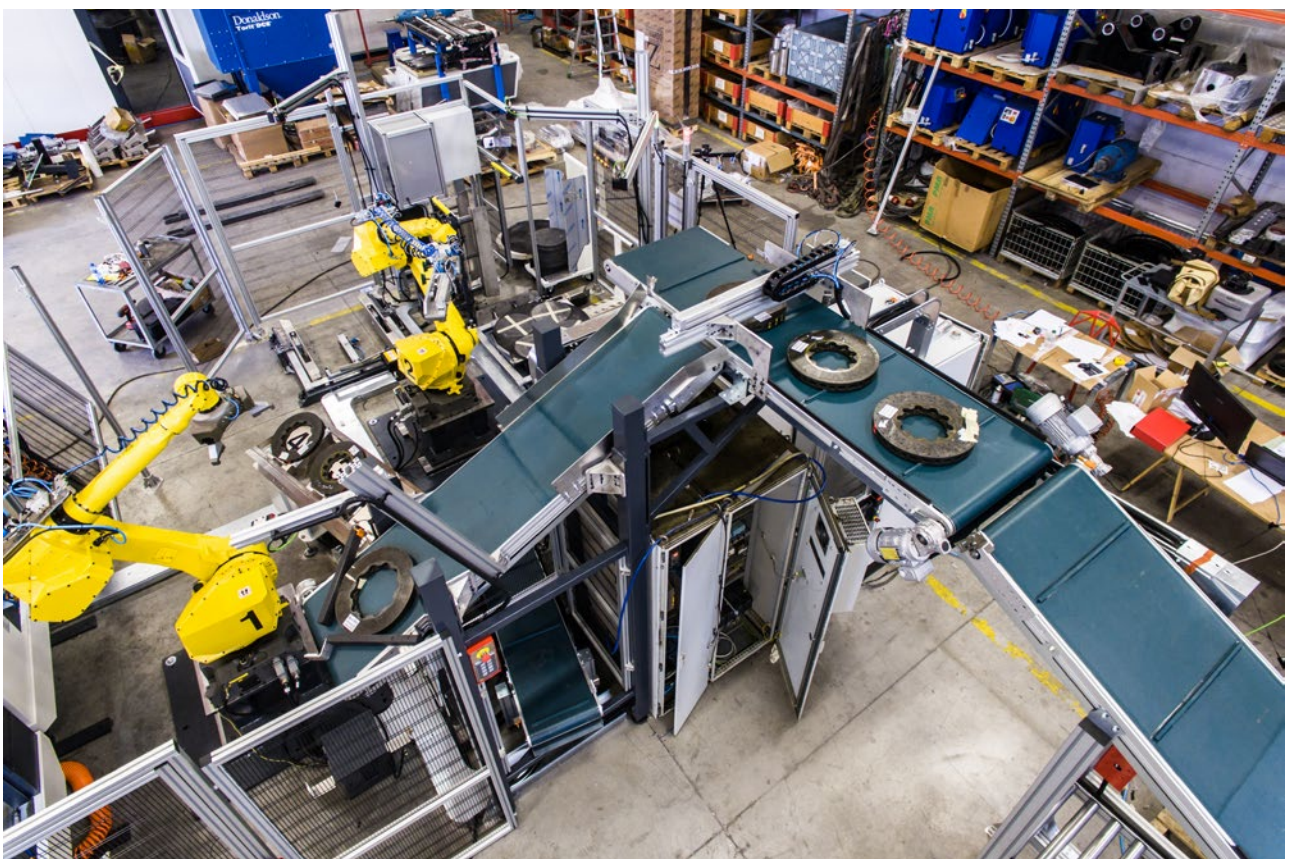
ROBOTIC SYSTEM

FOR GRINDING TURBINE BLADES



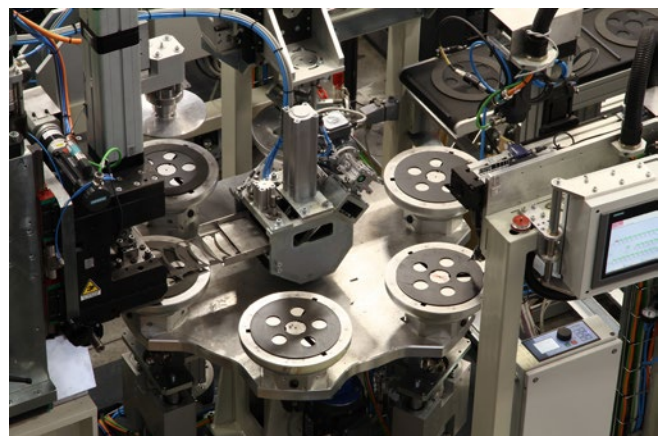
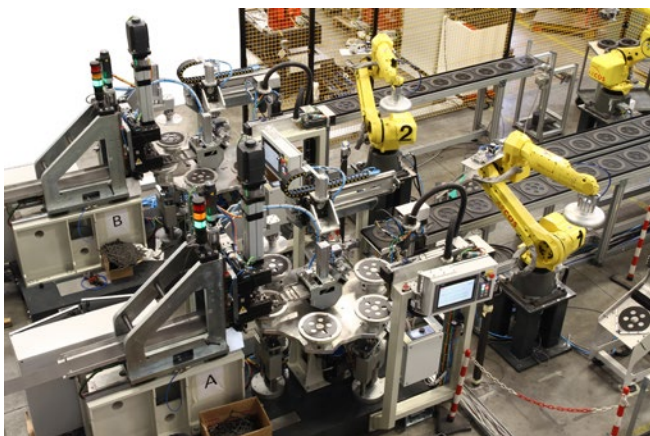
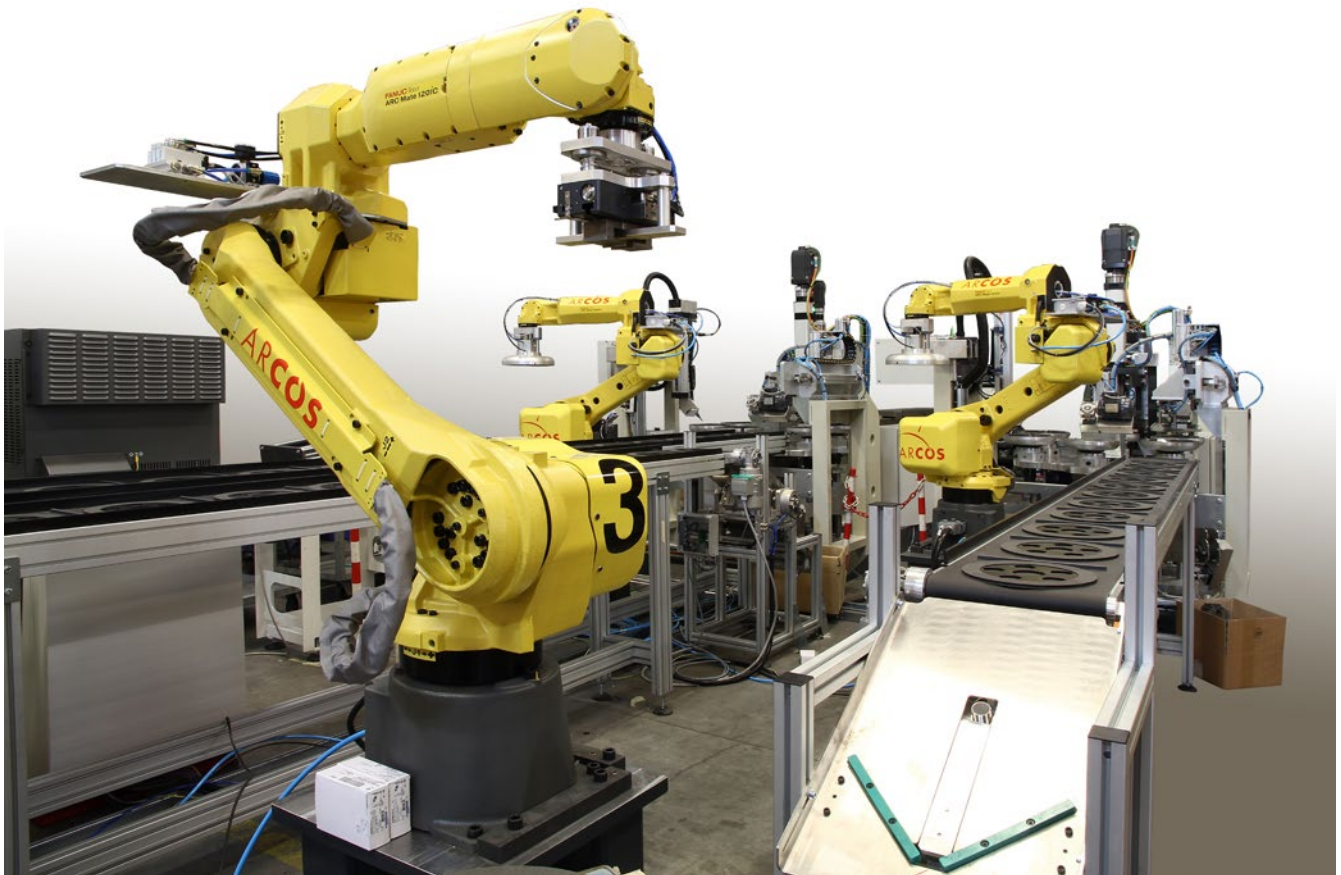
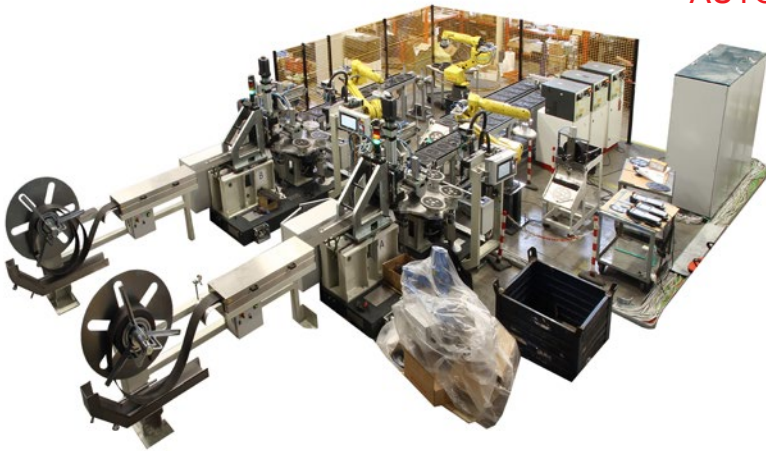
AUTOMATION

AUTOMATED EQUIPMENT FOR PRODUCING BREAK DISCS



AUTOMATION

**AUTOMATED EQUIPMENT FOR PRODUCING
CLUTCH PLATES**



INDUSTRIAL AUTOMATION VARIOUS PROJECTS



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