OUR MACHINES HAVE BEEN ADAPTING TO YOUR PARTS FOR MORE THAN 40 YEARS

Process & machining solutions
MACHINING SOLUTIONS IN ALL MARKET SEGMENTS

AUTOMOBILE  HEAVY VEHICLES  AGRICULTURE  CONSTRUCTION  AEROSPACE

RAILWAY  MECHANICAL INDUSTRY  ENERGY  SHIPBUILDING  HOME APPLIANCES
In accordance with our Quality Charter, the Quality Department supervises the progress of each project, from the study phases to the follow-up of the installations.

CERI Company is certified Automobile PSA / Renault E.A.Q.F-A since 1994, and ISO 9001 since July 2006.

BOUST, a subsidiary of CERI, is responsible for the machining of mechanical parts.

Skills: Mechanical welding, Turning, Boring, Milling, Electro-erosion, Grinding, Adjustment...

For the control of parts up to complete machine adjustment, our quality control department is equipped with all measuring instrument: RENISHAW Laser Interferometer, RENISHAW Ball-Bar, 3x MITUTOYO Coordinate Measuring Machines, FARO Arm, Vibration Test Instrument, Industrial Endoscope, Roughness & Hardness Test Instruments.

Our Pre-Project team works by your side to identify your needs and design a project corresponding to your vision. After drawing up the technical file (virtualization, digitalization, CFAO, machining cycle time calculation), we are able to propose you a global offer.

CERI’s Mechanical Engineering Department is in charge of Mechanical, Hydraulic and Fluid conception, design...

From the CERI standard products line (machining units, feed tables...), each project is completely defined, from the general view to the detail parts. The service is equipped with 6 CAD stations, including 4 stations capable of working in 3D SOLIDWORKS interfaces CATIA.

The CERI assembly workshop is organized around a central Assembly and Sub-assembly Tests Hall, and 3 machines assembly halls. The whole covers an area of 2500 m².

CERI internally carries out machine wiring, as well as all wiring of cabinets and other operation consoles.

CERI offers a wide range of services, from initial expertise to on-site production monitoring, for turnkey projects: Technical analysis / Expertise, After-Sales Service / Spare Parts, Troubleshooting, On-site interventions, Technical assistance in Mechanics, Automation, Line Driving, Retrofits.

Pre-project

Mechanical

Assembly

Wiring

Machining

DEPARTMENT

DEPARTMENT

DEPARTMENT

DEPARTMENT

Metrology

Commissioning

Quality

Commissioning

SERVICE

SERVICE

SERVICE

SERVICE

For the control of parts up to complete machine adjustment, our quality control department is equipped with all measuring instrument: RENISHAW Laser Interferometer, RENISHAW Ball-Bar, 3x MITUTOYO Coordinate Measuring Machines, FARO Arm, Vibration Test Instrument, Industrial Endoscope, Roughness & Hardness Test Instruments.

CERI offers a wide range of services, from initial expertise to on-site production monitoring, for turnkey projects: Technical analysis / Expertise, After-Sales Service / Spare Parts, Troubleshooting, On-site interventions, Technical assistance in Mechanics, Automation, Line Driving, Retrofits.

In accordance with our Quality Charter, the Quality Department supervises the progress of each project, from the study phases to the follow-up of the installations.

CERI Company is certified Automobile PSA / Renault E.A.Q.F-A since 1994, and ISO 9001 since July 2006.

To meet you, to listen to you, to get knowing you better to reach your expectations.

The CERI Automation Study Service is one of our strengths.

We have an in-house internal mastery in Automation and Industrial Computer Science: CNC Programs, Robot Programs, Computer Programming, X-Elec schemes...
OUR MACHINES

ROTARY TRANSFER MACHINES

Knowing that agility and productivity are also possible for intensive production, CERI offers a range of flexible transfer machines from 3 to 12 multi-spindle stations fully configured and sized from standard elements. These machines combine unrivalled performance and increased flexibility.

The loading of the parts into the machine is done manually or by automatic system: manipulator, robot, gantry...

2 possible configurations: transfer of the clamped part on its fixture (transfer with pallets) or unclamping of the part at each station and transfer by gantry or transfer bar. These machines allow to work on all the faces of your parts and combine an unequalled level of performance and an increased flexibility.

LINEAR TRANSFER MACHINES

FIXED STATION MACHINES

Our range of standard elements (spindles, slides...) allow us to design machines with fixed station for the multidirectional machining of your parts.

Particularly suitable for high-speed production, these machines are also the ideal tool for large parts.

The loading of the parts into the machine is done manually or by automatic system: manipulator, robot, gantry...
CERI offers large-sized boring machines, milling machines, drilling machines... for machining heavy and / or wide parts. These robust machines adapt to your operations requiring power and rigidity without forgetting of course precision.

In the age of Industry 4.0, the process solutions presented by CERI fit perfectly into the factory or connected workshop.

Thanks to its expertise in machine tools, cutting tools and obtaining capabilities, CERI manages «turnkey» projects stating our commitment in terms of quality, performance and reliability, while giving a lot of importance to the accompaniment of our customers.

From the moment of parts picking in containers to the machining, the integrated control, the possible coating and up to the reconditioning, CERI is in charge of all your production lines for a greater productivity.
**CERI innovates with robotic machining cells.**

By combining the skills of the group, CERI has developed a robotic cell combining machine loading / unloading operations as well as machining by automatic exchange of gripper, and a 24,000rpm electro-spindle is then loaded onto the robot.

This cell offering more flexibility is ideal for the aeronautics market with its small and medium production volumes.

The robot and the machine can be controlled by the same CNC. All the programming and control commands are then grouped together on a main console.

The set is driven by a virtual twin connected on-line. Robot and machining trajectories can thus be virtualized and simulated. This ensures an efficient start-up and the possibility of achieving fixed profitability targets. It offers a gain of 15 to 30% and releases capacity on the machine for other operations, which allows to optimize the cycle time from 10 to 20%.

---

**ROBOTISATION OF LINES**

Design and development of solutions in industrial robotics and automation of production lines.

Our solutions based on conveyors, gantries, manipulators, palletizing cells, robotic cells, vision, camera recognition or IT supervision adapt to your constraints and serve to handle your parts in your environment.
CERI has in-house all the skills and equipments to ensure the completion of retrofitting of all types of machines.

Thanks to our complete equipment such as laser interferometer, Renishaw Ballbar, Faro portable measuring arm, we also offer one-off maintenance services or contracts.

As a designer and manufacturer of its own spindles, CERI has in-house all the skills necessary to develop and realize multi-spindle heads «tailor-made» and specific to your needs.

Our multi spindle heads, based on our standard design and performing many operations at the same time, optimize your production lines for more productivity.
CERI AT A GLANCE

1976
A small group of technicians decides to embark on the industrial adventure of the machine tool.

1991
BOUST Company is acquired.

2002
CERI Group is created.

2012
RENÉ CLÉMENT Company is acquired.

2016
SERIMATEC Company - Robotisation & Automation is integrating the CERI Group.

Our presence in the world

SERVICES & MAINTENANCE
We are close to our customers around the World

FOCUS ON THE CERI GROUP

PROCESS & MACHINING
www.ceri-mo.fr
Tel: +33 (0)2 32 40 27 85
avp@ceri-mo.fr

CNC MACHINING
www.boust.com
Tel: +33 (0)2 32 40 01 75
contact@boust.com

ROBOT & AUTOMATION
www.serimatec-sn.com
Tel: +33 (0)2 32 61 34 64
commercial@serimatec.com

Rue de la mécanique - CS 70413 - F-27400 Louviers - +33 2 32 40 27 85