



**CUSTOM-MADE
INDUSTRIAL SOLUTIONS.**

C2L & APAR A SKILLS PARTNERSHIP



- An extremely diverse know-how in **automated industrial systems** and **packaging solutions**
- A **multi-skills team** and **state-of-the-art manufacturing equipments**
- Nearly **25 years of experience** in multiple industries

OUR KNOW-HOW



CUSTOM-MADE INDUSTRIAL SOLUTIONS



Automation - Special-purpose machines

A fully integrated solution for the design, production and automation of your production tools.



Design – Manufacture - Integration

A perfectly integrated industrial pole to ensure autonomy and competitiveness in the design and realization of your projects.



Maintenance – Machinery revamping

Maintenance and revamping operation to improve the reliability of your equipment and the quality of your production.



CUSTOM-MADE PACKAGING SOLUTIONS



Automated packaging machines

Fully automated packaging machines and custom-made equipments to meet your specific needs.



Custom pouches and reels

Custom-made solution to protect, preserve, sublimate or simply pack your products.



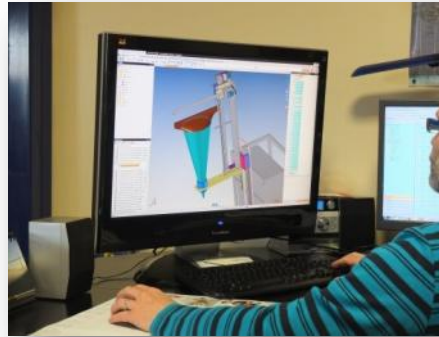
Multilayer packaging films

Recommendation and supply of multilayer films tailored for your application.

SKILLS AND EQUIPMENTS

- A multi-skills team :

- ✓ Mechanical design
- ✓ Automation
- ✓ Electronics
- ✓ IT



- 3D measurement equipments & dimensional control

- Powerfull CAD/CAM softwares

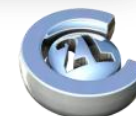
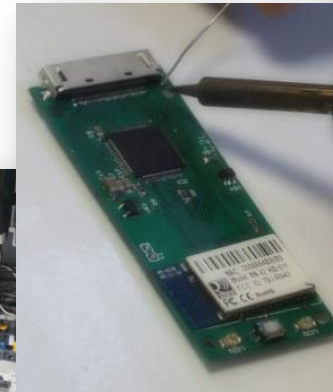


- High-precision 4 and 5 axis CNC machines

- Mechanical assembly workshop

- Electrical wiring workshop

- Electronics laboratory



MACHINERY PARC



- **4-AXIS CNC TURNING MACHINE**

Max. Diameter : Ø 200 mm

Longitudinal travel Z : 800 mm

- **4-AXIS CNC VERTICAL MILLING MACHINE**

Capacity : 1 035 x 560 x 510 mm

- **5-AXIS CNC MILLING MACHINE**

Capacity : 1 200 x 700 x 700 mm

- **GRINDING MACHINE**

Capacity : 800 x 400 mm

- **WIRE EDM MACHINE**

Capacity : 600 x 400 x 310 mm

- **7-AXES PORTABLE MEASUREMENT ARM**

Workpiece

1 200 mm

Accuracy

± 0,034 mm



CNC Turning machine DMG
CTX beta 800



Precision Wire EDM Machine SODICK SLC600G



CNC Milling Machine DMG
DMU 100monoBLOCK



Measurement Arm
FARO Edge



Grinding Machine
J&S TechMaster 844

THEY PUT THEIR TRUST IN US

MEDICAL INDUSTRY



Design & Manufacturing of Automated Solutions

Pouch making machine
Sealing Platen
Double unwinds

PHARMACEUTICAL & COSMETICS INDUSTRIES



Custom Design & Manufacturing

Specific tools
Industrial molds
Automatic labeling system
Specific modules for conveying, filling, loading, etc.

FOOD PROCESSING INDUSTRY



Revamping – Process optimization

Automatic wire-cap placement machine
Machine to poach the chocolate mousse

INDUSTRIAL PRODUCTION



Design & Manufacturing of Automated Solutions Machinery Revamping

Automatic screwing system of track group

ENGINEERING INDUSTRY



Custom Design & Manufacturing

Security box for the control of pneumatic installations
Specific tools

TEXTILE INDUSTRY



Revamping – Process optimization

Belt manufacturing line

BANK



Design, Manufacturing & Maintenance

70 Vacuum packaging machine of banknotes

AUTOMOTIVE - AEROSPACE



Custom Design & Manufacturing

Mechanical test benches
Portable electrical tool for car assembly
Custom-made mechanical tools

ENERGY - NUCLEAR



Manufacture of complex parts

All types of materials : steel, plastics, composites, etc.



C2L

CUSTOM-MADE INDUSTRIAL SOLUTIONS

Automation – Special-purpose machines

Design – Manufacture – Integration

Maintenance – Machinery revamping

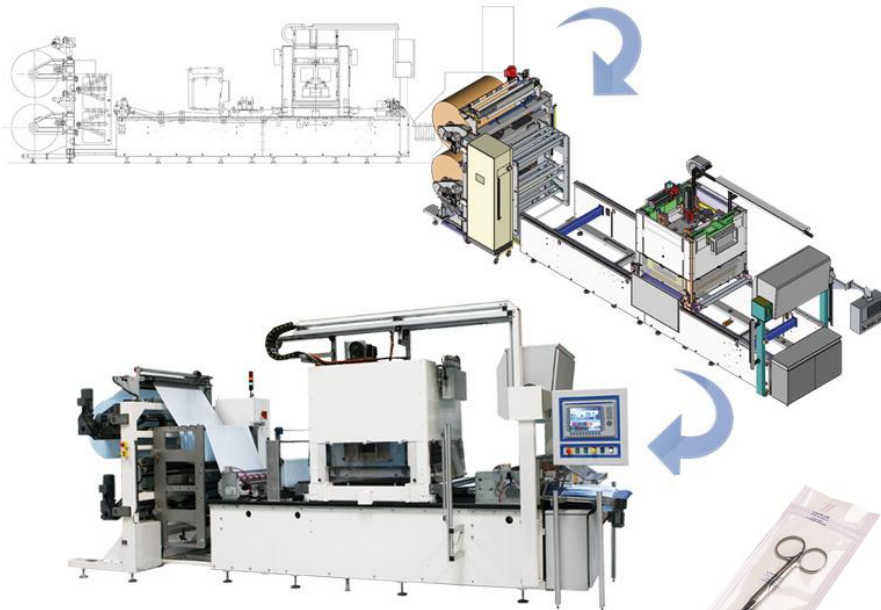


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Automation - Special-purpose Machines

A fully integrated solution for the design, production and automation of your production tools.



Pouch making machine



- **Conception and manufacture of special-purpose machines.**
- **Development and integration of specific equipments** for existing installations.
- **Conception of specific tools.**
- **Industrial process optimization.**
- **Developement & integration of automated solutions.**



Vacuum packaging machine of banknotes



Automatic screwing system of track group





Design – Manufacture - Integration

A perfectly integrated industrial pole to ensure autonomy and competitiveness in the design and realization of your projects.

■ Conception & machining :

- Complex and high-precision parts
- Industrial moulds
- Thermoforming moulds, multi-cavity moulds
- Tailor-made tools
- Complete mechanical assemblies

All milling & turning operations.
Machining all types of materials.
Manufacture from prototype to small series.

■ Design and realization of custom finished products:

- Development and manufacture of tailor-made systems
- Components integration
- Complex assembly, etc.

■ 3D measurement and control



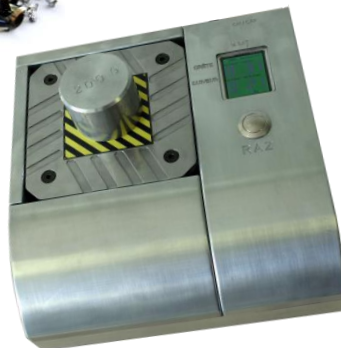
Special sockets



Multi-cavity moulds



Machining all types of materials :
Steel, plastic, etc.



Mechanical test bench



3D Probe



3D digitalization & inspection





Maintenance – Machinery Revamping

Maintenance and revamping operation to improve the reliability of your equipment and the quality of your production.



■ Industrial maintenance

- Upgrading of manufacturing processes
- Optimization of automation
- Increase of production volumes
- Reduction of production costs reduction
- Improvement of operators working conditions



■ Machinery revamping

- Assembling, disassembling and reworking of your facilities
- Replacement of wearing parts
- Integration of automated solutions
- Wiring and refurbishment of electrical cabinet
- Compliance and security for users



APAR

CUSTOM-MADE PACKAGING SOLUTIONS

Automated packaging machines

Custom pouches and reels

Multilayer packaging films



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Automated Packaging Machines

Fully automated packaging machines and custom-made equipments to meet your specific needs.

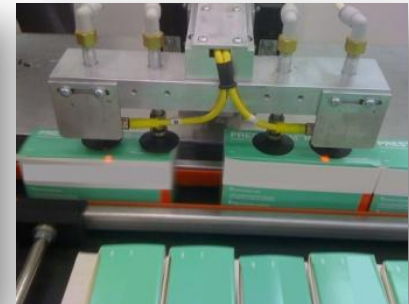


■ Fully automated packaging solutions

- Packaging machine
- Pouch making machine
- Filling machines for different types of containers : pods, samples, bottles, flasks, pouches, etc.
- Filling machines for different types of products : liquids, pastes, creams, oil, food, etc.

■ Specific tools for your application

- Unstacking system
- Conveyor
- Weighing system, counting system, measuring system
- Labeling system, identification system, marking system
- Pallet station
- Integration of industrial robots: handling, loading, unloading
- Specific modules ensuring safety and ergonomics





Custom Pouches And Reels

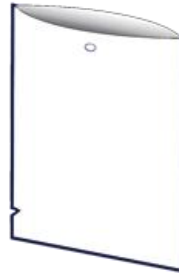
Custom-made solution to protect, preserve, sublimate or simply pack your products.



2 side seal pouch



3 side seal pouch



Options : Notch pouch /
Hole-punched pouch



Chevron-shaped pouch



Chevron-shaped pouch
with thumb hole



- **Wide range of high quality pouches and reels :**
multiple formats, many options...
- **Packaging solutions that meet the standards** of the
food industry, medical(sterilization), cosmetic,
pharmaceutical, etc.
- **Multilayer packaging films**, high barrier film, etc.



Multilayer Packaging Films

Recommendation and supply of multilayer films tailored for your application.



■ A variety of multilayer packaging films :

- ✓ PET
- ✓ PA
- ✓ PP
- ✓ PVDC
- ✓ ALU
- ✓ OPP

C2L & APAR A SKILLS PARTNERSHIP

Having control of the whole process, from conception to production offers you :

- A greater autonomy in the realization of your custom-made projects
- A turnkey solution for your tailor-made projects
- The advantage of a unique partner



C2L & APAR

CUSTOM-MADE INDUSTRIAL SOLUTIONS

2-4, rue Louis Armand
Z.I. Le Closeau
77220 Tournan-en-Brie

Tel : + 33 1 64 42 53 60
Fax : + 33 1 64 42 04 85

contact@c2lapar.com



WWW.C2L-APAR.COM