

HIGH PRECISION MECHANICS AND MACHINING

Machining of unit parts and small production runs

Design and manufacture of press tools and special machines

Manufacture of cutting units and tool holders
Maintenance of tool holders

Specific materials and parts

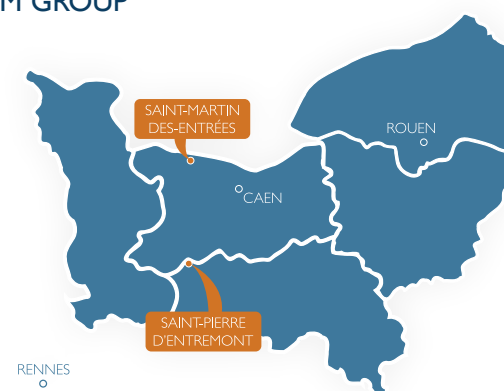
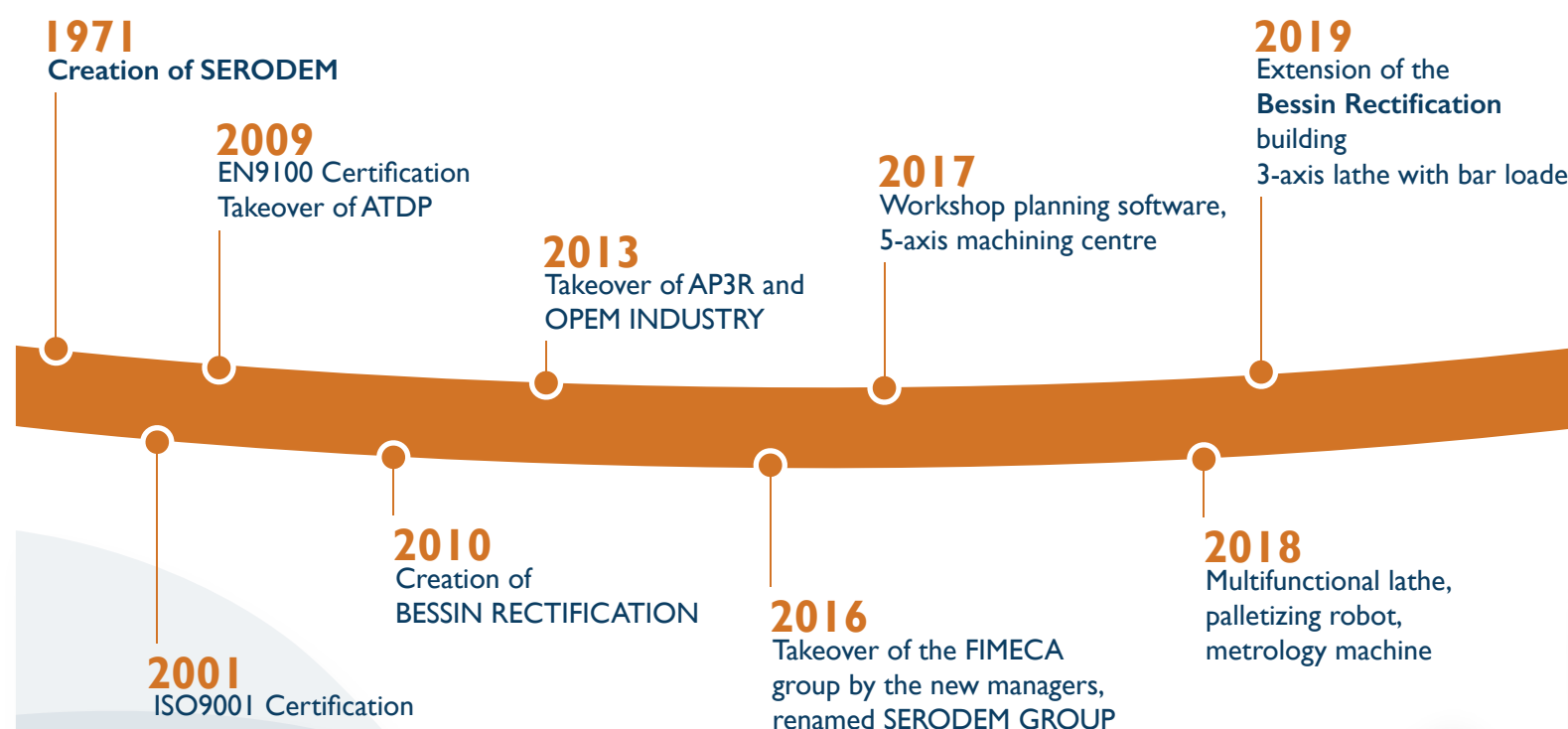
Air-conditioned workshops
High precision machining at the micron scale

AUTOMOTIVE
AVIATION
FIBRE OPTICS
NUCLEAR
PRINTING
MEDICAL
FOOD-PROCESSING INDUSTRY
YACHTING

HARD AND SPECIAL STEEL
ALUMINIUM
TITANIUM
STAINLESS STEEL
CAST IRON
PLASTIC

Air-conditioned metrology room
Checking to 1/10th of a micron

Our equipment, the quality of our achievements, our reactivity and our know-how have enabled us to be referenced as a first-rate supplier in various sectors.



SERODEM Group is certified
ISO 9001 and EN 9100



SERODEM Group

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SINCE 1971 IN NORMANDY

HIGH-PRECISION MECHANICS AND MACHINING

Machining of parts - Design Offices - Press tools



TWO INTEGRATED DESIGN OFFICES

AWARENESS OF THE CUSTOMER'S NEEDS, RESPONSIVENESS

Our human-sized structure offers you a tailor-made approach

Serodem sets up a co-engineering approach bringing together different trades and skills around your project.

Our two Design Offices offer various services using Catia V5 and Solidworks software for your 3D studies :

Tooling studies in fields related to the manufacture of mechanical or hydraulic productions under a press (conventional cutting, fine cutting, bending or stamping)

Stamping simulation (one step) using FormingSuite.

Mastery of the ISO rating

Adaptation and modification of processes, production of measurement systems, assembly and sub-assembly of high-precision, design of special machines

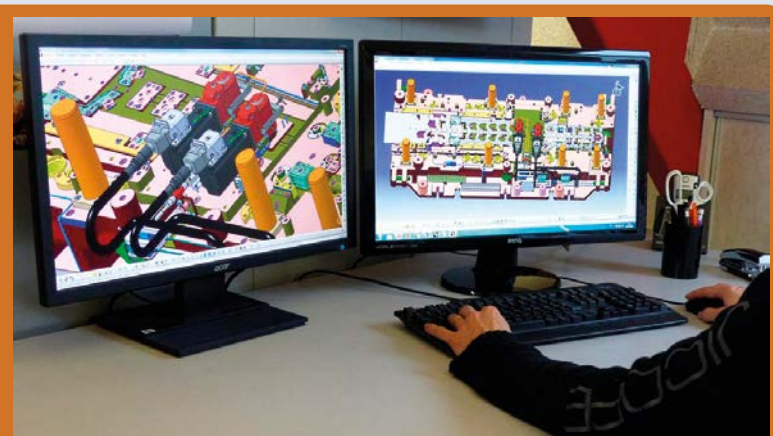
Serodem's assets

AN EXPERT TEAM

- Support for our customers
- A single contact to listen to your requirements
- A team with a proactive approach for solutions at the best cost
- A partnership with experts in the satellite business of our activities (materials, treatments and coatings)

HIGH-PERFORMANCE EQUIPMENT

- High-performance equipment and constant technological monitoring
- Production monitoring by CAPM
- 3 licenses of the Mastercam CAD/CAM software.



MACHINING OF PARTS

OUR CULTURE : COMMITMENT DO RESULTS

Thanks to its 2 manufacturing sites, Serodem manufactures from prototypes to small and medium production runs, with a specialization in high-precision customised machining (to the micron) of **difficult materials and complex parts for small, medium and large-sized components**.

Our company stands out for its true flexibility and reactivity combined with cost control. Our structure is based on experience and technological watch to ensure that you receive the best possible services.

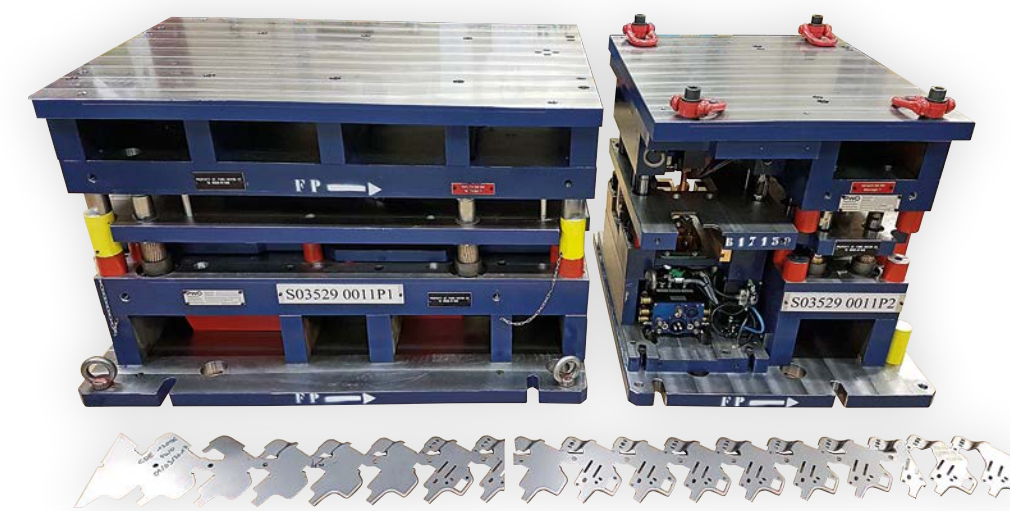


- CNC milling machine with 3 and 5 axis + palletising robot
- CNC turning machine with 3axes withbarloader
- CNC turning machine with 4 axes
- Electro-erosion (wire and sinking), rapid drilling
- Flat, cylindrical and coordinated grinding
- Metrological checks: 2 three-dimensional machines including 1 measuring machine with continuous scanning
- Production Methods department for 100% traceability and optimised lead times

PRODUCTION OF TOOLS AND PRECISION MEANS

FOR ADAPTED AND INNOVATIVE INDUSTRIAL SOLUTIONS

Serodem manufactures and assembles your tools with its team of fitters and developers. We also deal with the integration of screw and nut crimping, nut welding and threading in our tools. For this purpose, Serodem is equipped with 80 T and 500 T mechanical test presses with reel unwinder.



Our activity also includes the production of special «turnkey» machines and the development / manufacture of cutting units and tool holders for NC and CNC lathes.



Angled head

Broaching Unit