

INNOVATION
ENGINEERING
SYSTEM SUPPLIER
SERVICES



Equipment for aircraft components production and testing



Industrial Engineering Company Machinery and Turnkey Plant Supplier

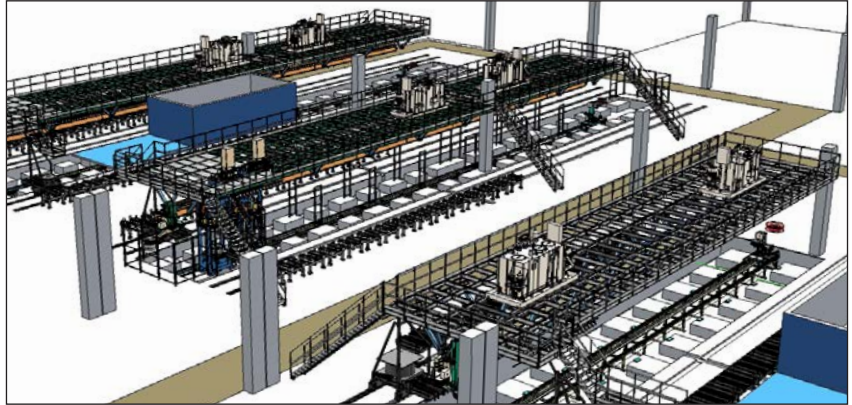
Hydraulic machines
Test Benches
Customized equipment

Pinette at a glance

Pinette , also named "P.E.I", is an industrial engineering company that designs and supplies forming and testing equipment, production lines, customized machines and turnkey plants for the world's largest groups in the transport, energies and industrial sectors.



TURNKEY PLANT ENGINEERING



Overall Project Management

As a general contractor, Pinette PEI offers turnkey solutions from research & needs analysis to on-site supervision including local & international sourcing and subcontractors supervision. A comprehensive single-source approach, project management, design & construction supervision, compliance to international & local regulations and commitment to performance objectives make Pinette PEI the perfect partner for your turnkey project

Engineering & Design

From mechanical engineering to hydraulics, including robotics, industrial IT, data acquisition system (HMI supervision) and thermal engineering, Pinette PEI takes care of the whole conception & engineering through general arrangement drawings, bill of materials, specifications and quality control spreadsheets.

Supply Chain Management

Pinette PEI supervises logistics and administrative procedures until equipment is delivered onto clients premises. Our experience and network of international subcontractors enable us to provide local solutions for equipment supply and manufacturing, reducing delivery times, associated costs and emission levels.

Construction & Commissioning

Pinette PEI integrators skills and experience is based on hundreds of turnkey projects implemented all around the world. It gives us the ability to mentor and supervise local teams to carry out successfully our missions. Concurrently we ensure and input quality control to assess the suitability of the final assembly with customers specifications.

General
Contractor

ISO 9001

Business Activities

- Aeronautics & Aerospace
- Automotive
- Energies
- Research & Development

Technologies

- Forming
- Testing
- Assembly
- Automation

FORMING SOLUTIONS

Material processing

PEI, PPS, PEKK, PEEK, BMI, Epoxy, Prepreg, Honeycomb materials, Kevlar, Carbon and glass fibers

RTM presses



Leading edge



Thermoplastics forming lines



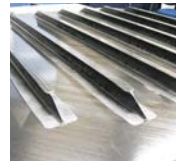
Clip



Hybrid thermoset plastics & thermoplastics forming presses



Stiffeners



Mould carrier



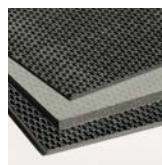
Helicopter blades



Consolidation presses



Consolidated plates
Thermoplastics



Sandwich panel presses



Honeycomb
Thermoset plastics



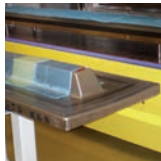
Processes

RTM, Stamping, Hot drape forming, Consolidation, Curing, Dynamic testing, NDT

Hot drape forming



Omega stiffeners



Hot drape forming



Preform production



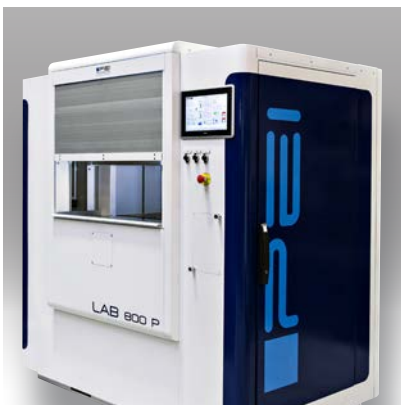
Press brakes and shears for sheet metal



Sheet metal work



Laboratory presses



RTM - Consolidation - Stamping
10-100T, up to 450°C

R&D press



Turbine blade



TESTING AND ASSEMBLY SOLUTIONS

Large capacity NDT test bench



Ultra Sound Technology Aircraft

Large capacity NDT test bench



Ultra Sound Technology Aerospace

Dynamic test benches and full scale control



Vulcain engine
Ariane 5



Assembly jigs and tools



A 380 leading edge
assembly



Integration, machining & dimensional control centers



Sylda - Ariane 5



APPLICATIONS





www.pinetteemidecau.com

For more information, scan the QR
code with your smartphone or tablet



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