

# framatom

## Stainless steel large component manufacturing

A dedicated stainless steel workshop to ensure high quality and cleanliness.

Outstanding manufacturing line to serve our Customers

### Your Challenges

Procure large, forged and machined components made of high quality stainless steel such as heavy reflector, primary piping, shaft, vessels.

### Our Solution

Located in Burgundy, Framatome plant has industrial capabilities, competencies and experience to manufacture and assemble stainless steel large components.

Based on our experience, recognized by ISO Certification, we deliver certified stainless steel products according to international regulation.

This solution is applicable to a wide range of industries - Oil & Gas, Energy, Aerospace, Chemistry, Pharmaceuticals, Transportation, Special Tooling, Ship Industry and Navy and Defense.

Framatome Le Creusot plant offers an integrated solution for the supply of stainless steel components:

- A team dedicated to your needs managing the whole scope from procurement to final delivery (ingot procurement, forging, heat treatment, welding, assembly, characterization, final inspection)
  - A R&D and numerical simulation capability to optimize the forging process and the heat treatments to fulfil customer needs.
  - High capabilities in machining in order to reach the components final design and dimensions.
  - Stainless steel dedicated workshop for the final steps of cleaning, machining, welding and testing of the components.
- An accredited ISO 17025 laboratory for material characterization.

### Customer benefits

- Safety and Quality Conformity
- Capability to manufacture exceptionally large stainless steel components in size and weight
- One stop shop from raw material procurement to worldwide shipment
- Compliance with applicable codes and standards : ESPN, RCCM, ASME, AFNOR.

Your performance is our everyday commitment



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### Our stainless steel capacities

- High level of cleanliness preventing alloy cross-contamination
- High dimension and precision  
Machining device & Welding equipment
- A gantry milling machine:  
Max size L19 x l7,5 x h6 m  
Max weight 200 t
- A high dimensions heat treatment furnace:  
Max size L7 x l7 x h8,5 m  
Max weight 500 t
- X-ray examination
- Hydraulic tests up to 250 bars

### Key data

Opening: **3x8** and **7/7**

**300t:** maximal handling capability

**Forging presses:** 9000 and 11 300 metrics tons

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