

Casting for hydraulic applications

An integrated manufacturing solution

High casting capabilities to meet Hydraulic needs

Your Challenge

Find a solution for the construction or maintenance of your hydraulic facility
Obtain components with a high material quality level from a European, reliable partner

Our Solution

Located in Burgundy, Framatome Le Creusot plant is an one-stop-shop providing, high quality molten steel that can meet chemical and wear resistance required for hydraulic applications. Activities are compliant with international regulations such as ISO, ASME.

Framatome Le Creusot plant proposes an integrated solution for the manufacturing of castings :

- R&D and design for purpose
- Numerical simulation to predict thermal and mechanical behaviour, heat treatment simulation.
- Qualified operators manage all manufacturing steps in our own premises.
- Quality - conformity control performed internally
- Packaging and shipment around the world can be managed.

In addition, Framatome le Creusot has :

- Post casting operations such as welding, assembly, shaping
- High capabilities in machining especially with milling machines to reach the final shape of the pieces,
- An accredited COFRAC laboratory for the material characterization non destructive examination, microstructural analysis and chemical composition.

Customer benefits

- Safety and Quality Conformity
- Internationally trusted supplier with proven experience
- Integrated solution
- High capabilities in casting process
- High competencies and dedicated casting team
- Heat treatment, machining and characterization capabilities in addition

Your performance
is our everyday commitment



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Product informations

Francis, Pelton, Kaplan Runner
Pump and Valves casings
Turbine Casing, Rotor Disc,

References

Framatome already supplied to companies such as Alstom Power and General Electric or projects like "Three Gorges Dam".

Key data

More than **40** nuclear projects from 2005

Castings from **50** to **250**T

Diamètre up to **9m** and **3m** high

Wide range of steel grades

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