framatome

Casting for hydraulic applications

An integrated manufacturing solution

High casting capabilities to meet Hydraulic needs

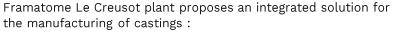
Your Challenge

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



Located in Burgundy, Framatome Le Creusot plant is an onestop-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.



- · 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 permises.
- · 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 projets from 2005 Castings from **50** to **250**T Diamètre up to **9**m and **3**m high

Wide range of steel grades

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