

Casting for heavy machinery applications

An integrated manufacturing solution

High casting capabilities to meet heavy industry needs

Your Challenge

Find a solution for the construction or maintenance of your heavy industry facility (forge, mill, machining, rolling mill, ...) Obtain components with a high material quality level from an European, reliable partner.

Our Solution

Located in Burgundy, Framatome Le Creusot is an one-stop-shop providing, high quality molten steel that can meet chemical and resistance required for heavy machinery industries (up to 250T). Special tough and highly resistant to heavy shock loads materials are available and our activities are compliant with international regulations such as ISO, ASME.

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

- Design using numerical simulation to predict thermal and mechanical behaviour and heat treatment simulation.
- Dedicated 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.
- High capabilities in machining especially with milling machines to reach the final shape of the pieces,
- An accredited COFRAC laboratory for the material characterization such as non destructive examination, microstructural analysis and chemical composition.

Capabilities are able for defense and navy activities.

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

Forging tools
Hammer, anvil
Press Crossing
Roll stand

References

Framatome already supplied to companies such as Pilzen, Davy (China), Mannesman (Russia, Argentina), Bati edger clem (France), Breda (Italie), Valdunes (France), Otto fuchs (Germany) or Sandretto (Italy), ArcelorMittal, Alcan.

Key data

More than **40** nuclear projects since 2005

Castings from **50** to **250** tons

Diamètre max **20m x 9m x 3m**

Wide range of steel grades

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