framatome

Storage and transportation casks

A key manufacturer for heavy forgings

Outstanding forging capabilities to serve our Customers

Challenge

Procure forged components and machined component ready to be assembled for casks.
Competitive and reliable procurement.

Solution

Located in Burgundy, Framatome Le Creusot plant has industrial capabilities, competencies and experience for the manufacturing of large forged casks in steel grades as SA 350.
With centuries of experience, the plant is now ISO certified and supports internationals regulations.
This solution is applicable to a wide range of industries and especially for the manufacturing of heavy forgings required for the storage and transport casks.

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

- An R&D and numerical simulation service to stimulate the forgings process and the heat treatments to secure customers needs
- Dedicated high competency teams manage the full manufacturing of pieces – ingot procurement, forging, heat treatment, characterization, final inspection

In addition, Framatome Le Creusot has :

- High capabilities in machining in order to reach the final shape of the pieces
- An accredited COFRAC laboratory for the material characterization and non destructive examination

Customer benefits

- Safety and Quality Conformity
- Internationally trusted supplier with proven experience
- Capability to forge exceptionally large components in size and weight
- Flexible and large industrial capacity of equipment
- Integrated solution from raw material to controlled finished part, inspection and worldwide shipment

Your performance
is **our** everyday **commitment**



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Technical Information

INDUSTRIAL CAPABILITIES

9 000 metric tons press
Space between columns: 4.5 m
Manipulator – moment of lifting: 600 t/m

11 300 metric tons press
Space between columns : 6,1 m

14 forging / heat treatment furnaces
With mobile hearth for forging
Heating temperature: up to 1,300°C
Capacity: up to 500 t
Length max: 15 m

3 Quenching devices
Width max: 7 m
Depth max: 6 m

Key figures

Opening : **3x8** and **24/7**

11 300 metric tons : power press

More than **150** forgings for casks

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