

## VVER Forged Products

### An integrated manufacturing solution

Outstanding manufacturing line to serve our Customers

#### Your Challenges

Procure high quality forged products . Short time delivery, European based sourcing.

#### Our Solution

Framatome is a long term vision company with sustainability guarantees thanks to european strategic applications and stable stakeholder.

Located in Burgundy, Framatome Le Creusot plant has an up-to date industrial equipment at the best environmental standards, competencies and experience for the manufacturing of long and large forged components.

The central European location allows short time delivery, all around Europe, and optimized cost.

Long lasting experience covering several international regulation are the grounds to deliver certified products.

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

- R&D and numerical simulation to secure forgings elaboration including material homogeneity, heat treatments and machining.
- one stop-shop managing the whole manufacturing process - ingot procurement, forging, heat treatment, machining, non destructive examination and final inspection.
- Internationally certified 17025 laboratory enable to deliver fully tasted and certified forged parts.

#### Customer benefits

- European manufacturing and delivery capacity
- Safety and Quality Conformity
- Competitive cost of ownership thanks to high quality
- Internationally trusted supplier with proven experience
- Capability to forge exceptionally long components
- Access to high level metallurgical experts
- Flexible and large industrial capacity of equipment

**Your performance  
is our everyday commitment**



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### Technical informations

#### **9000 metric tons presse**

Manipulator – moment of lifting 600t/m

#### **11 300 metric tons press**

Diametre between columns : 6,10m

#### **14 forging / heat treatment furnaces**

With mobile hearth for forging

Heating temperature up to 1300°C

265 Tonnes Ingot

Lenght max : 23 m

### Key figures

- **More than 40 nuclear castings from 2005**
- **Castings over 50 tons and 500mm thick**
- **Wide range of steel grades**

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