

## HOT SPINNING

Manufacturing of domes  
for Nuclear, Aerospace and Petrochemical Industries

Saint-Marcel plant is the manufacturing unit of Framatome for heavy components and parts

### Challenge

Hot spinning is a process of plastic deformation which consists in transformation under heat a disk of low thickness into a dome of various geometry

### Solution

Located in Chalon-sur-Saône, the hot spinning workshop has a wide experience in manufacturing of domes in accordance with a high level of safety and quality requirements

Competitive solution thanks to:

- Industrial capacity of the workshop
- ISO certified Quality Assurance System
- Framatome's expertise in key competencies such as design, metallurgy, welding, control, etc.
- Capacity to work with different materials (carbon and stainless steel, aluminum)
- Wide range of dimensions and shapes of domes
- Tight dimensional tolerances
- Possibility to adapt the manufacturing schedule to customer's needs

Products delivered : heads, domes, caps, end-fittings, plates

### Customer benefits

- Safety and Quality Conformity
- Internationally trusted supplier with a proven experience
- Flexible and large industrial capacity dedicated to domes
- A shop managing the whole process (engineering, procurement, manufacturing and transportation)

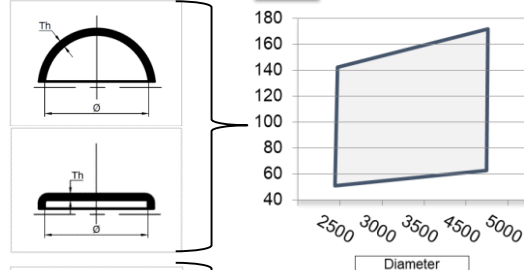
**Your performance**  
is our everyday **commitment**



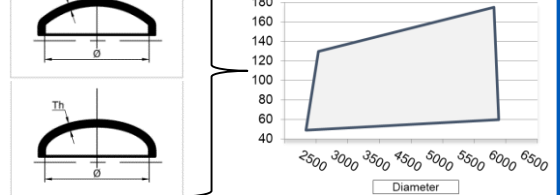
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### Technical information

#### Type of Domes



#### Capacity of manufacturing



### Key figures

Number of parts produced

**>600** Petrochemical Domes

**>100** Space Domes

**>50** Nuclear Domes

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