

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

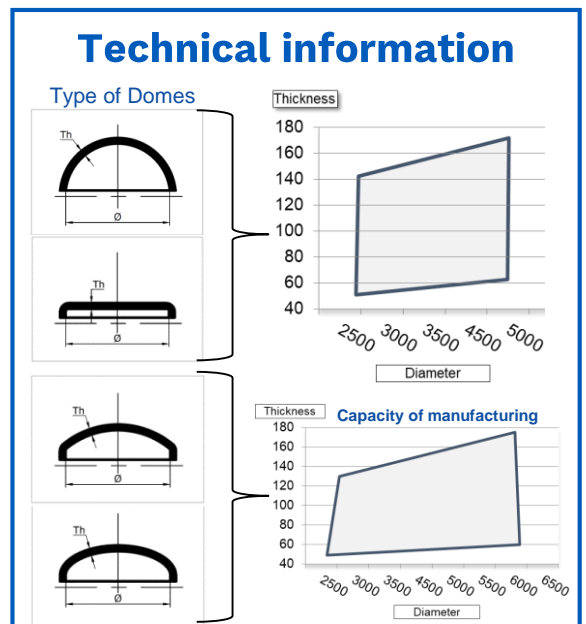
Competitive solution thanks to:

- 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



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Key figures

Number of parts produced

>600 Petrochemical Domes

>100 Space Domes

>50 Nuclear Domes

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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