

officine  
ambrogio  
**melesi**



Since the beginning of the 20<sup>th</sup> century, between tradition and innovation



# Products

Our main production consists of all standard flanges in addition to special custom components in accordance with all international standards:

- **Welding Neck**
- **Blind**
- **Slip On**
- **Socket Weld**
- **Threaded**
- **Lap joint**
- **Long Welding Neck**
- **Orifice flanges**
- **Spectacle Blinds**
- **Ring spacers and spades**
- **Cladded flanges / Weld overlayed flanges**
- **Drip Rings**
- **Compact flanges**
- **Clamp connectors**
- **Anchor flanges**
- **Swivel Rings**
- **Misalignment flanges**
- **Buckle arrestors**
- **Bulkheads**
- **J-Lay Collars**
- **Adaptors**
- **Nozzles**
- **Tube sheets**
- **Rings**
- **Hollow forgings**
- **Ball valves components**
- **Weldolets**
- **Stub Ends**
- **Weldoflanges**
- **Nipo flanges**
- **Forged tubular products**
- **Y pieces**
- **Special flanges acc. to client drawing or designed in accordance to particular client's requisitions**



## Production range

Officine Ambrogio Melesi produces a wide range of products in-house:

- **Maximum weight 5 tons**
- **Maximum external diameter 3,500 mm**
- **1,000,000 pieces per year**
- **60,000 tons production per year**

## Business system

Although the company's core business is standard flanges, non-standard products have also received recognition from all major companies in the following application fields:

- **Oil and gas**
- **Chemical and petrochemical**
- **Aerospace**
- **Transmission**
- **Construction and mining**
- **Power generation**
- **Wind power**
- **General mechanics**
- **Water treatment - Desalination**

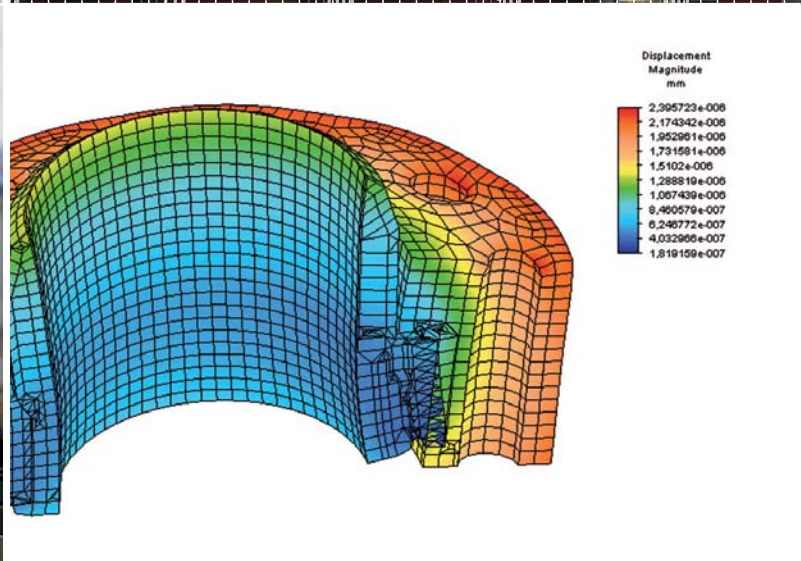
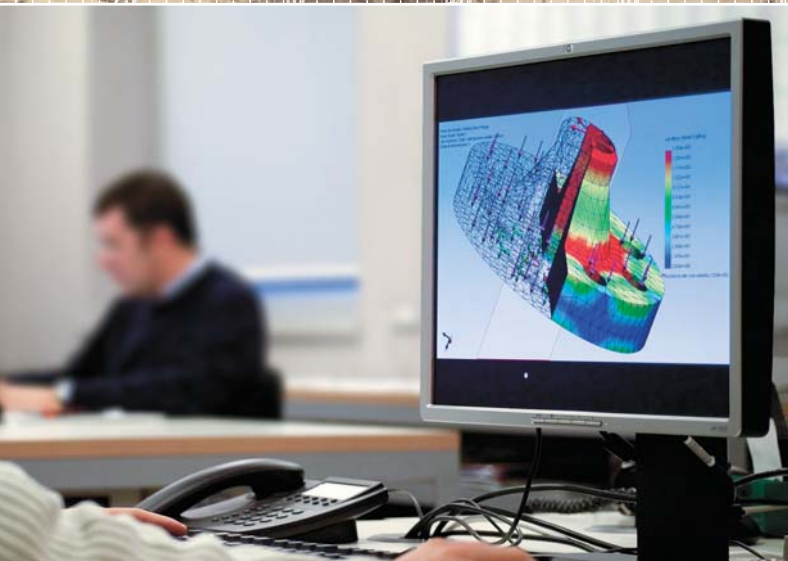


# Company profile

Officine Ambrogio Melesi, experience and competence in the name of tradition and continuous innovation for 100 years.

OFFICINE AMBROGIO MELESI was founded in 1914 for the production of agricultural tools. After its refoundation, in 1946, the activity grew up and evolved steadily. In 1952 the company began the production of forgings. Over the years the company has carried on a relevant development process acquiring the leadership in the national markets and has confirmed a leading positioning in the international markets thanks its know how, skills and competence. The company is appreciated by the major international clients worldwide and its flanges and forged components are part of the main oil & gas projects. Technical consultancy, highly quality products, both standard and special ones, service excellence are the key factors highlighting the Officine Ambrogio Melesi activities.

Thanks to its high technical level Officine Ambrogio Melesi is able to engineer, produce and supply special items properly carried out in order to satisfy all the needs of the clients. Officine Ambrogio Melesi, thanks to its highly qualified and wide range of equipment, gets the clients to rely on an excellent service in terms of quality of products, assistance and just in time delivery.



**OUR MISSION** is to achieve excellence in customer satisfaction through continuously improving process, products, quality, delivery, documentation and services.

**OUR KNOW-HOW** and professional commitment raise general performance and find a solution to your demands.



# Materials

Officine Ambrogio Melesi keeps very large stocks of raw material and forgings in:

- Carbon Steels
- Steels for low temperature
- Special low sulphur carbon steels for sour service (HIC and SSCC test)
- High yield carbon steels
- API 6A materials for wellhead and Christmas tree equipments
- Low alloy steels
- Stainless steels
- Duplex – Superduplex steels
- Nickel Alloys
- Copper Alloys
- Titanium
- Construction steels

# Manufacturing standards

- ASME B 16.5
- ASME B16.48
- ASME B16.36
- ASME B16.47/A
- ASME B16.47/B
- API 6 A - ISO 10423
- API 17D
- Norsok L - 005
- EN European standard
- BS 1560-3293-4504-10M
- DIN
- AFNOR
- UNI
- AWWA
- Client standards

# or designed to

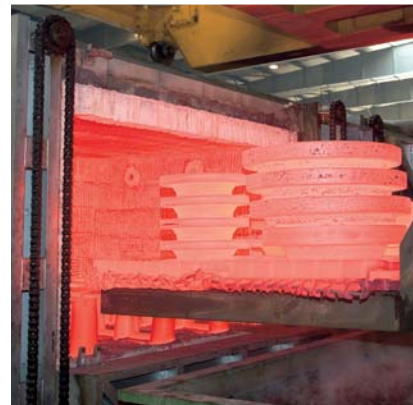
- ASME VIII Div 1
- ASME VIII Div 2, including Finite Element Analysis
- DNV OS - F101
- BS PD 5500
- ASME B31.3/B31.4/B31.8
- Stoomwezen



# Production equipment

Officine Ambrogio Melesi boasts an extremely modern, sophisticated production line, consisting of:

- Multiple forging lines (mechanical presses - counterblow hammers, hydraulic presses - ring rollers)
- Heat treatment facilities
- Numerous CNC machines and fully automated workstations
- Fully equipped testing laboratory





## Quality system

The Quality Management system of Officine Ambrogio Melesi has been certified by DNV in compliance with the UNI-EN-ISO 9001: 2008.

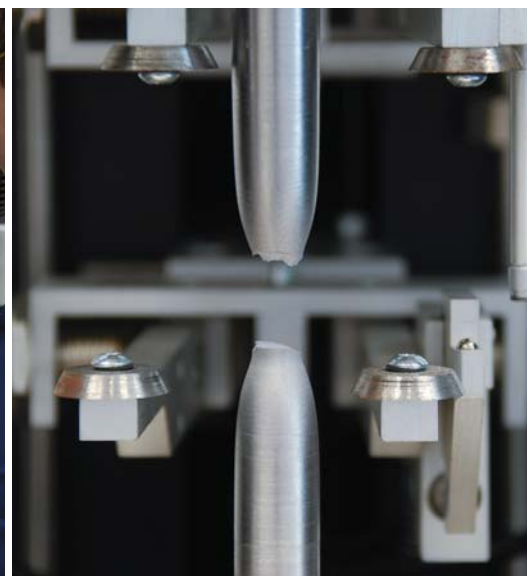
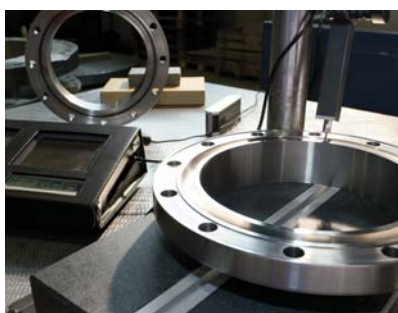
The company has also been approved by:

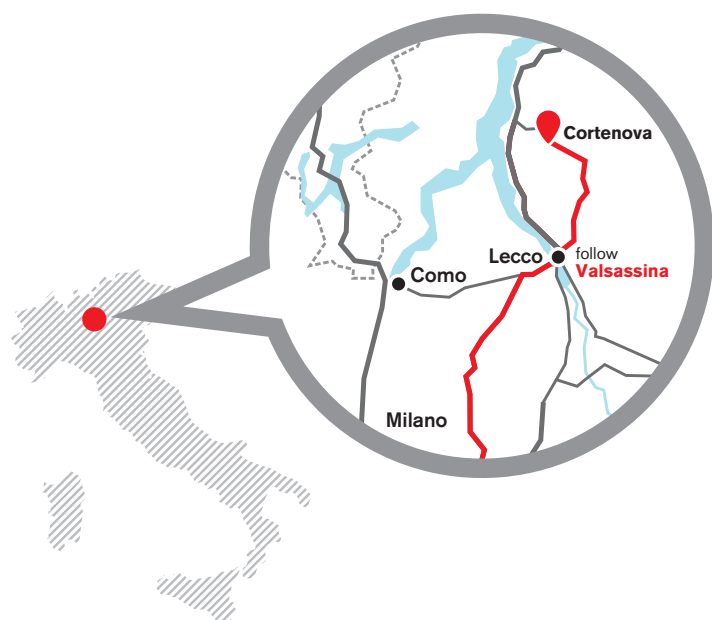
- DNV, LLRR and RINA for ship construction materials
- TÜV for PED 97/23/EC and AD 2000-Merkblatt W0/TRD 100
- API in accordance to 6 A
- All major oil and gas companies



## Quality control

In our fully equipped in-house laboratory, destructive and non destructive tests are performed to ensure a highly qualified product.





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