



1908

2014

more than 100 years in forgings





January 2014 a merger between two Companies

1908 - 2013



1981 - 2013



our plan for the future

Some information

- > 530 employees in ITALY
- > 550 employees in INDIA
- > «Representative office» in Brazil and Houston
- > agents all over the world



- > Our target for 2015 is 230 million euro
- > 30 people in sales
- > 400 active customers in the world

Global presence



Headquarter in Arsiero (VI)

Production plants for open die and rolled products
Cogollo / Arsiero – closed die in Busano (TO)



INDIA

Siderforgerossi MGM plant in Mysore



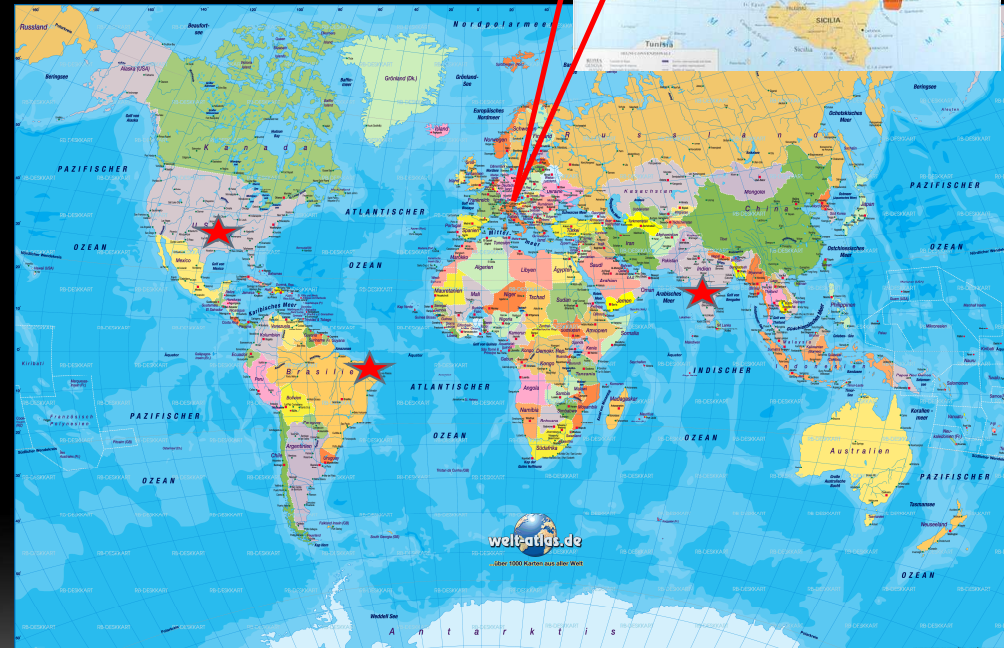
BRAZIL

Representative office in Natal



USA

Representative office in Houston



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Our merger, our plan for the future

- > **Intergrated solutions for our customers: complementary between our products and our proposal**
- > **Sharing of our know-how: Experience, Human resources and patens**
- > **Our Global presence**
- > **Internal economies of scale**
- > **Economic strenght**



We are ready to face all new challenges



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Markets



OIL & GAS



WIND POWER



INDUSTRIAL APPLICATION



POWER GENERATION - NUCLEAR



EARTH MOVING



HEAVY EQUIPMENT



RAILWAY - NAVAL



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Production Capacity

nr. 6 ring rolling mills up to 6 mt

nr. 7 presses up to 7500 tons

nr. 5 big hammers up to 63.000 kgs

nr. 4 smaller hammers up to 13.000 kgs

nr. 5 mechanical presses up to 4000 tons

nr. 30 furnaces for Heat Treatment

nr. 30 vertical turning machines

nr. 6 milling machines



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Production Capacity



With our ring rolling mills, we are able to produce rings, bushes, closures, balls and flanges as follows :

Rolled Rings :

- outer diameter from 400 mm up to 6.000 mm
- height from 50 mm up to 1.600 mm
- weight from 50 kgs up to 30.000 kgs



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Production Capacity

Rolled closures and balls :

- from 16" up to 56"



Standard flanges and Special flanges :

- ASME B16.5 / ASME B16.47 series A and B
- BS 3293 from 24"
- Swivel rings / Anchor flanges acc to drawings



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Production Capacity



Open die forgings :

we can produce Forgings acc to customers drawings
discs and shafts :

- height up to 1.500 mm
- weight up to 15 tons



Forged Bars and Tubes .

- OD max 1.200 mm
- lenght up to 3.500 mm
- weight up to 15/20 tons



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Production Capacity



Closed die forgings :

- OD up to 1.700 mm
- height up to 700 mm
- weight up to 2.500 kgs



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Production Capacity

Heat Treatment :

- Normalizing, Isothermal annealing
- Quenching and Tempering
- Solution annealing



Heat Treatment :

- automatic system of furnaces up to 9 tons
- water and polymer tanks
- furnaces up to OD 7 mt and 60 tons

Production Capacity



Our machining dept :

- vertical turning machine up to 6.000 mm all CNC control
- milling machine up to 6.000 mm OD and 14 mt long and 30 tons

- CAD CAM system by Ipermill



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Quality Controls



Our Laboratory :

- accredited acc to EN-ISO/IEC 17025 as an independent Laboratory
- Tensile / Charpy / Micro-Macrographic examination and PMI
- Hardness tests



Our NDT Personell :

- Visual dimensional check
- UT - MT - LP examniation
- Level 2 and Level 3 acc to SNT-TC-1A
- EN 473



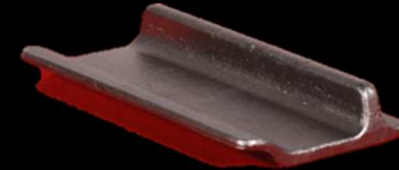
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India Plant



Production Line :

- nr. 4 Hammers up to 13.000 kgs
- nr. 5 mechanical Presses
- nr. 1 extrusion Press



Closed die forgings :

- actual small pieces
- weight from 2 up to 80 kgs
- all machined in house



Quality System



Quality Management System :

- EN-ISO 9001-2008

Oil and Gas accreditation :

- EN-CEN ISO/TS 29001 / 2011

Norsok M650 edition 5 :

- F51 : up to THK 450 mm

- F53 / F55 : up to THK 120 mm (rings)



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HSE

Environmental Management System :

- EN-ISO 14001

Safety Management System :

- OHSAS 18001



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Materials

R & D office :

- Since 2008 in cooperation with UNIVERSITY a Vicenza studying the following important material for SUBSEA :
- A694 F65 mod – A182 F22 – A182 F51 / F53
- Also in cooperation with the most important Oil Companies / Suppliers
- Spending yearly approx. 800.000,00 euro

Reference list

Projects of last 2 years :

- EGINA
- ENI 15/06
- PAZFLOR ACACIA
- EDRADOUR
- SHAH DENIZ
- SNORRE
- BAQBAB
- JANGKRIK
- HEBRON
- BG KNARR
- VIGDIS
- OSEBERG DELTA
- WHEATSTONE
- GULLFAKS GSC
- SHELL DRAUGEN
- CLOW
- SONATRACK
- SOUTH STREAM



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