

APPLICATIONS



OIL & GAS PRODUCTION



TRANSMISSION



PROCESSING & POWER GENERATION

WE ARE TOP LEADER

in the manufacturing of stems from ½" to 70" and up to 8 mt. length. In the past 15 years INOX MECC has had a remarkable technological development, has expanded its range of manufacturable products as far as the type (bodies, closures, bonnets, discs, seats, flanges, etc) and its dimensions (maximum diameter of 900 mm) built upon customers' technical drawings or designed according to specific customers' requests. This expansion has encouraged the owners to largely invest in the purchasing of new machines both for the manufacturing, the dimensional measurements and in qualified and certified personnel to improve the quality of the services dedicated to our customers.

■ The coexistence of these two different types of equipment is the core of the company's policy: being able to offer higher and higher standards, from the single item to full batches, from small to big dimensions, through a fully automated internal manufacturing cycle managed and controlled thanks to an *ad hoc* management software and supervised by the qualified experience of the machine operators.

■ In particular, the efficiency of the technical planning department, which utilizes, among many, SolidWorks Premium software, provides global consulting and directions to all our customers necessary for the customized manufacturing of grease fittings, bleeds, bullplugs, cavity plugs, single/double check valves, thread blow-out valves from ¼ NPT to 2 " NPT for duties up to 15000 psi. In this sense the conspicuous investments always guarantee high level of production, as well as the observance of the applicable safety and environmental regulations.



since 1963 your needs our passion

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VALVE COMPONENTS & PETROCHEMICAL SOLUTIONS

your needs our passion



companyprofile

WHO WE ARE

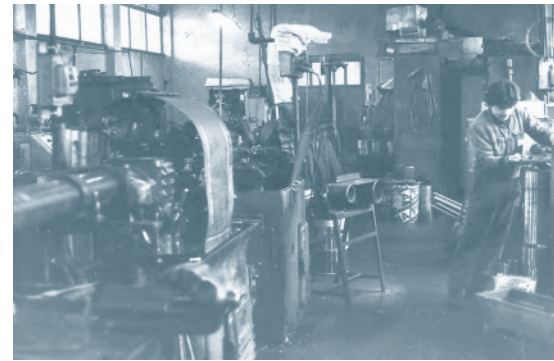
BORN IN 1963

as a modest family business for the manufacturing of small stems, along the years the company continues to grow in the petrochemical industry establishing the first business relations outside the Italian market.

■ In 2002, after Mr. Ferdinando Bellebono and his sons took over the company, Inox Mecc has been permanently consolidating its position on the Italian market and getting more internationally reknown.

■ In 2009 the expansion of the manufacturing area in Cividate al Piano is inaugurated with a total area of 9000 sqm. along with the warehouse facilities in San Paolo D'Argon.

■ For over 50 years Inox Mecc has been the Italian benchmark for the manufacturing of components in the chemical and petrochemical industry. The organizational competence and the manufacturing flexibility are the strengths of our company which distinguish itself for the true attention to customers and for the prompt answers to the diversified market needs.





INOX - MECC



CUSTOMERS

Major end-users and engineering companies choose our applications in the Oil & Gas, Energy industry appreciating our own customer focus, extended knowledge base and highly flexible manufacturing capabilities.

Our customers employ INOX MECC products for valves in the Oil & Gas industry that are then distributed in different areas of the world such as **North and South America, Russia, Northern Europe and United Arab Emirates**. The company's growth in these markets is the proof of its international vocation and its competitiveness in terms of quality of the products and prices.

INOX MECC is also consolidating the existing business relations with **European** and **extra-European** customers and looking for new opportunities investing in new sales resources to acquire new customers of the emerging markets such as Brazil and Russia.

CERTIFICATIONS



QUALITY DEPARTMENT

DIMENSIONAL INSPECTION

- Durometers, feeler gauges, surface roughness gauges
- TESA digital altimeters
- Micrometer gauges, calipers, interior and exterior digital marketing gauges
- Projectors
- Mechanical and magnetic comparison equipment
- Three-dimensional coordinate measuring machine (maximum measures 2500X1500X100 mm)

NON-DESTRUCTIVE TESTING

- PT: Dye penetrant examination & black light
- MT: Magnetic Particles examination
- UT: Ultrasonic examination

TEST EQUIPMENT

- Hydraulic and pneumatic horizontal testing
- maximum pressure 630 bar

CHEMICAL ANALYSIS

- Niton Thermoscientific XRF

MECHANICAL TESTS

- Hardness test

OUTSOURCING TESTS:

We also use outsourcing, getting support from outside laboratories for tests that are not carried out at INOX MECC such as:

- UT: Ultrasonic examination
- RT: Radiographic Examination Capability of shooting on site, x-ray films development and reading in house (ASME reference plates)
- Charpy-V impact test
- Micrography

QUALIFIED PERSONNEL

INOX MECC personnel is qualified to carry out all the above mentioned controls. In particular, for Non-Destructive Tests, INOX-MECC staff includes fully trained, qualified and certified personnel in accordance with STN-TC-1A and EN 473 requirements.



FACILITIES

■ The know-how reached in many years of business experience can be traced also in the careful management and supply of the machines present in our manufacturing area: from the simplest and most traditional - necessary to guarantee operational reliability and security - to the latest generation equipment, very technologically advanced and able to offer extremely precise services and production.

■ We cooperate with outside partners for special manufacturing through electric discharge machining (EDM) or water-jet cutting, for the complete supply of anti-wear and anti-corrosion weld beads, from stelling, inconel cladding and nickel-plating up to tungsten carbides weld beads and for special welding. Modern equipment, consolidated skills and 'just in time' process management ensure both incomparable technical and quality performance as well as competitive prices for the Italian and international petrochemical market.

MACHINING EQUIPMENT

MANUAL MACHINING

- 8 parallel lathes

CNC MACHINING

- 22 Lathes
- 7 engaged Y-axes lathes
- 11 engaged lathes
- 2 teach-in lathes
- 7 sliding headstock lathes
- 4 engaged sliding headstock lathes
- maximum turning diameter with loader: 105 mm
- maximum length with loader: 1700 mm
- maximum turning diameter: 900 mm
- maximum length: 8000 mm

CNC MACHINING CENTER

- 2 cnc machining centers
- 1 four axes cnc machining centers
- 2 five axes cnc machining centers
- 10 manual drilling machines
- 3 universal manual drilling machines
- 2 shearing machines
- maximum drilling machining: 4000 X 1200 X 800

THREADING

- 15 threading machines

LAPPING

- 3 roller lapping machines
- maximum diameter: 98 mm
- 3 lapping machines
- maximum diameter: 430 mm

CUTTING CENTER

- 4 CNC sawing machines
- maximum diameter: 430 mm

BROACHING DEPARTMENT

- 3 external broaching machines
- maximum length: 2000 mm

SEAL PRESSES

- 5 Automators
- Automatic vertical storage - MODULA
- Automatic insert storage - MATRIX

LIFTING EQUIPMENT

- 3 OverHead Crane (6.3 tons)
- 3 OverHead travelling crane (max. 2 tons)
- 6 fork trucks (max. 25 tons)



We also cooperate
with outside companies
for 3.2 material
qualifications