



Frassinox Božić d.o.o. | Croatia
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MANUFACTURER OF EQUIPMENT AND SUPERSTRUCTURES FOR
FOOD AND CHEMICAL INDUSTRY



Since 1977, we have been manufacturing high quality equipment for the food, chemical and pharmaceutical industries.

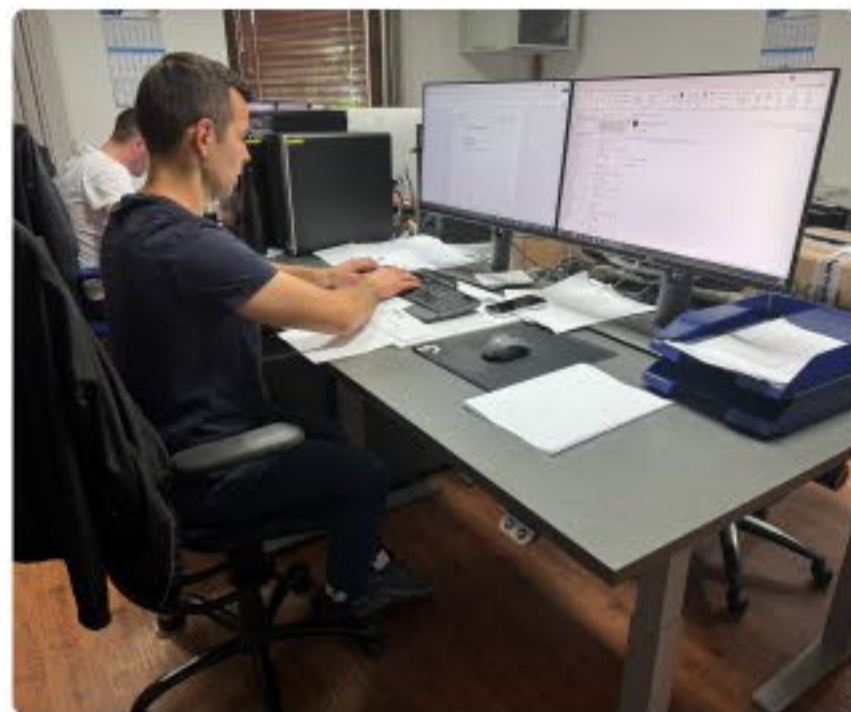


ABOUT US

Manufacturing facility of FRASSINOX BOŽIĆ d.o.o. is located in Donja Stubica and was built in 1977.

Activities of company FRASSINOX BOŽIĆ d.o.o. includes production of equipment for the food and chemical industry and service of its equipment.

Our scope of supply includes wide range of activities from small maintenance works up to turn key solution production lines and whole plants.



All our services and production is inhouse with our human resources including Engineering & Design, Manufacturing & Assembly, Automation, Installation & Commissioning.

The company possesses the necessary certificates for services on domestic and foreign markets that are aligned with EU standards and apply to the total territory of the EU.



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Horvaćanska cesta 31c, 10000 Zagreb, Croatia

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PRODUCTION PROGRAM

WE OFFER SERVICES AND SOLUTIONS FOR PROCESS EQUIPMENT AND PRODUCTION SYSTEMS:

- Production of equipment for food and beverage, pharmaceutical and chemical industries
- Production lines for milk, yoghurt, cheese and ice cream
- Fully automatic CIP stations
- Stainless steel tanks, volume (V): 500–250,000 liters
- Design and installation of stainless steel pipelines
- Production of stainless steel tanks for food transportation
- Cheese vats (fresh, semi-hard and cottage cheese)
- Engineering and design of process lines
- Automation and service
- Design and assembly electrical cabinets and electrical instalation
- Maintenance of valves, pumps, and pasteurizers



HIGH QUALITY
EQUIPMENT & PRODUCTION SYSTEMS



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INDUSTRIAL SECTORS

WE OPERATE ACROSS A WIDE RANGE OF INDUSTRIAL SECTORS, PROVIDING ADVANCED PROCESS SOLUTIONS TAILORED TO THE SPECIFIC REQUIREMENTS OF EACH INDUSTRY.

PROCESSING LINES

BEVERAGES

Processing lines for alcoholic and non-alcoholic beverages, such as CIP, pasteurization, fermentation and mixing plants.

PHARMACY

Processing lines for the pharmaceutical industry, including tanks for medicines, sterile mixing, dosing systems, and GMP-compliant hygienic solutions.

DAIRY

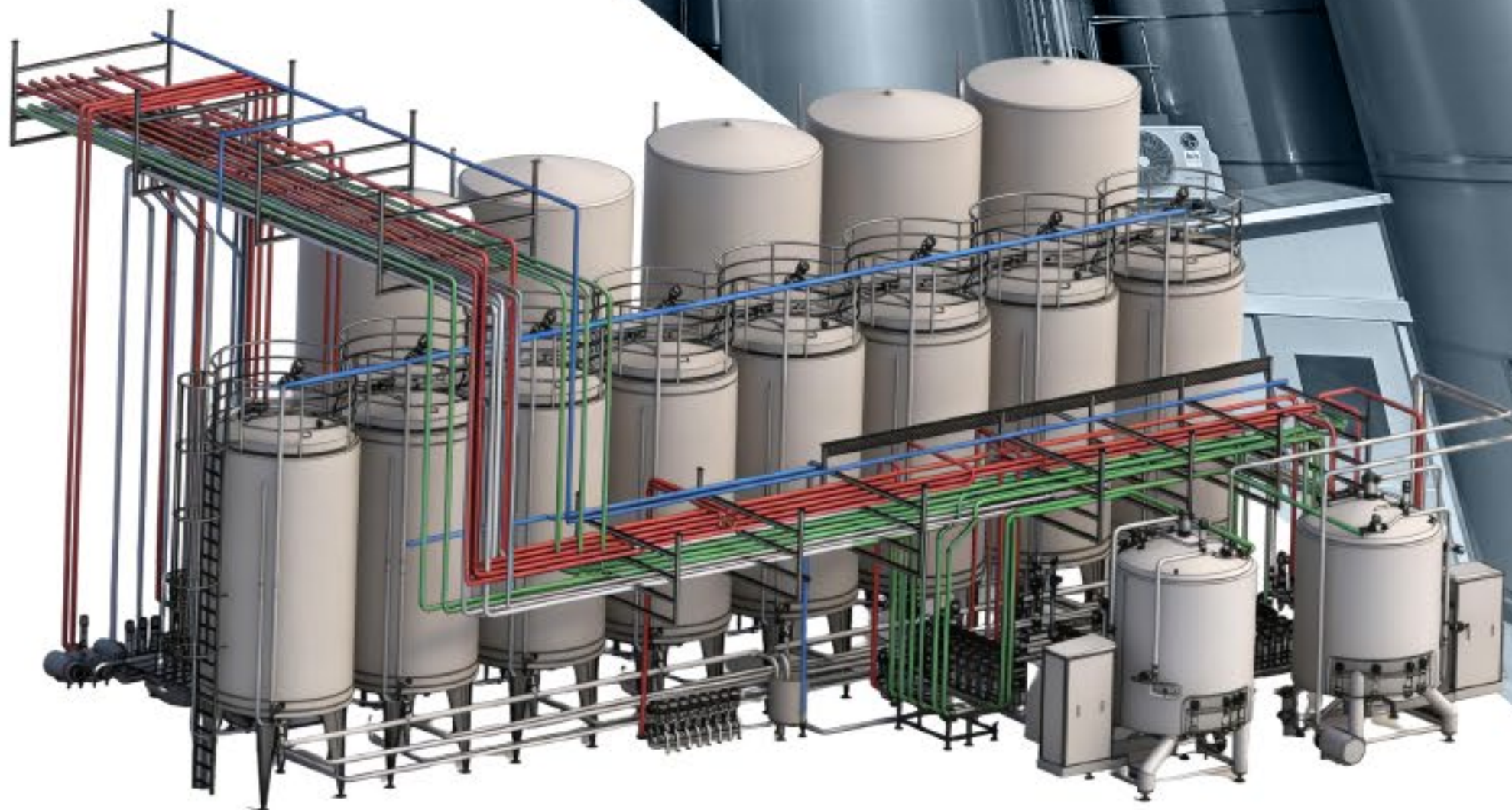
Complete dairy processing solutions from individual equipment to fully integrated turnkey production lines for milk and cheese products.

ICE CREAM & CHOCOLATE

Processing lines, tanks, pipelines for Chocolate dessert mass and Ice Cream mass including CIP, pasteurization, mixing, etc.

MEAT & OIL

Processing lines, tanks, pipelines for various oil food products including CIP, dosing. Vacuum Meat Tumblers and meat stands for hams.



TANKS AND AGITATORS

OUR CORE BUSINESS HAS BEEN THE MANUFACTURING OF VARIOUS TYPES OF STAINLESS STEEL TANKS SINCE 1977.

For decades, we have continuously developed and refined our tank solutions, along with designing and producing a wide range of agitators tailored to specific process requirements.

TYPES OF TANKS

- Insulated and non-insulated tanks
- Silo tanks
- Pressure tanks (aseptic tanks)
- Reactor tanks
- Mixing tanks



TYPES OF AGITATORS

- UZ type agitators for yogurt and cream
- Agitators for various dairy products
- Agitators for chocolate processing
- Heated agitators



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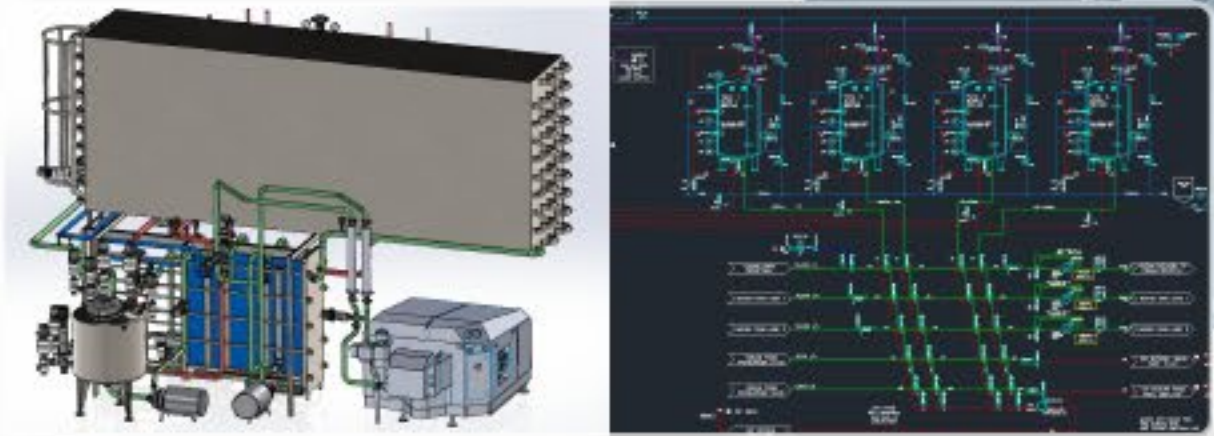


SERVICES



1. ENGINEERING & DESIGN

Design of PI diagrams for specific requirements and systems. Optimization and monitoring of processes, specification of equipment and components. Technical drawings, calculations of static and construction strenght, 3D modeling.



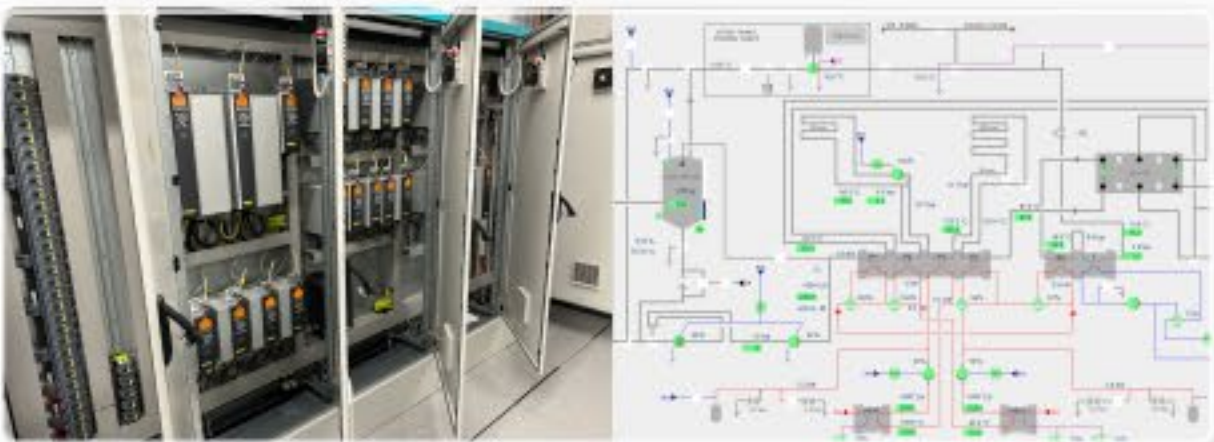
2. PRODUCTION & ASSEMBLY

Manufacturing of various tanks & constructions according to specific demands in food industry. Mechanical & electrical installation of process lines and equipment.



3. AUTOMATION

PLC programming (Siemens PLC S7-1200, S7-1500) according to S88 standard. Designing of SCADA systems (Siemens WinCC, Wonderware InTouch) according to ISA 101 standard. Electrical drawings for MCC and I/O panels in EPLAN.



4. INSTALLATION & COMMISSIONING

Mechanical and electrical installation of process lines.
FAT testing, I/O test, Commissioning and Personel training.



PRODUCTION TECHNOLOGY



Our production is driven by advanced technologies, modern equipment, and continuous improvement. Operating from our European manufacturing facility, we are following the highest production standards to ensure high precision, reliability, and consistent quality in every product.

With strict European standards and a strong commitment to excellence, we deliver high-performance solutions our clients can trust. We use latest technology machines in our production and we are constantly trying to keep up in time with latest actual technology.

Here are some of our machines used in production.



**CNC
SHEAR CUTTING**



**CNC WATER
JET CUTTING**



**CNC HYDRAULIC
BENDING**



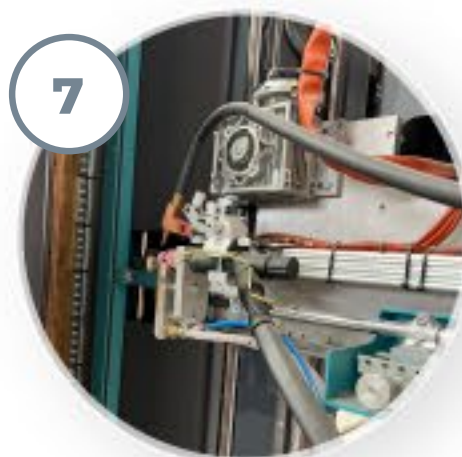
**BENDING
MACHINE**



**CNC TURNING
MACHINE**



**CNC 4-AXIS
MILLING MACHINE**



CNC TIG WELDING
(STRAIGHT, RADIUS, DOUBLE-JACKET)



CNC GRINDING SYSTEM
FOR TANKS SHELLS AND CONES



REFERENCES



















www.frassinox.com

With 49 years of experience, we have successfully completed hundreds of projects across various industries, building a strong reputation for reliability, quality, and technical excellence. Over the decades, we have developed an extensive reference list that reflects our expertise and long-term partnerships with satisfied clients. To learn more, we invite you to visit our website, where you can explore a selection of our highlighted projects and see the quality of our work firsthand.

SELECTED PROJECTS

OR SCAN CODE



www.frassinox.com/projects

CONTACT

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QUALITY

Our team consists of high quality inhouse staff including very experienced Engineers, teams of welders, programmers, electricians, project managers & supervisors.

We poses all necessary certificates (ISO, TUV, etc.) for execution of works in EU countries. All welders are certified by TUV Nord.



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Thank you for your attention.