

SPECIALISTS IN STAINLESS STEEL ENGINEERING
Serving the Pharmaceutical, Biopharmaceutical,
Chemical, and Food Sectors

YEARS OF EXPERTISE IN PROCESS INDUSTRIES

Reliable Stainless Steel Solutions for the Pharmaceutical, Biopharmaceutical, Chemical & Food Industries

With extensive experience in the design and manufacturing of stainless steel systems, BTINOX delivers precisely engineered skid systems, pressure vessels, and constructions tailored to the highest industry standards.

Our commitment to quality, flexibility, and on-time delivery has positioned us as a trusted partner to many international clients. Today, BTINOX successfully operates in over 7 countries, collaborating with some of the world's leading pharmaceutical and biopharmaceutical companies.

We provide strategic and sustainable solutions that meet the most demanding industry regulations, ensuring safe and efficient production across all process stages.

BTINOX's offering includes custom-designed process systems, engineering support, technical documentation, and seamless integration into existing production environments.



WHAT WE DO AT BTINOX

Driven by precision and innovation, BTINOX helps transform your process challenges into reliable engineering solutions

Process Consulting

We support our clients from idea to implementation by offering strategic engineering solutions tailored to each project.

Our consulting services include:

- Conceptual Design
- Basic Engineering
- Detailed Engineering
- Automation Planning
- Validation Master Plans

Design & Manufacturing

We specialize in custom-built stainless steel systems, designed to meet the strictest quality and safety standards across regulated industries.

We manufacture:

- Reactors
- Pressure Vessels
- CIP/SIP Systems
- TFF/HFF Filtration Units
- Filtration & Process Skids
- Bio-Kill Systems

Automation Solutions

We integrate intelligent automation into every stage of production, focusing on reliability, efficiency, and ease of operation.

Our automation services include:

- Control System Design
- PLC & HMI Software Development
- On-site Installation Support
- Upstream & Downstream Integration
- Full System Validation

Validation Services

We ensure that every system and process meets strict regulatory compliance through complete validation protocols.

Our validation offering includes:

- Validation Master Plan
- Equipment Qualification (IQ, OQ, PQ)
- Process Validation
- Cleaning Validation



ENGINEERING EXPERTISE, CUSTOMIZED SOLUTIONS & PROCESS EQUIPMENT

Where precision meets reliability

From technical concept to safe and validated operation

At BTINOX, we support our partners from the earliest project phase — from process definition and planning to the design and manufacturing of custom stainless steel equipment and piping.

Your process, our responsibility

With many years of experience in the pharmaceutical, biopharmaceutical, chemical, and food sectors, our engineering team delivers high-quality equipment that ensures full compliance with strict industry standards (e.g. PED, GMP, and others).

We specialize in the design and production of:

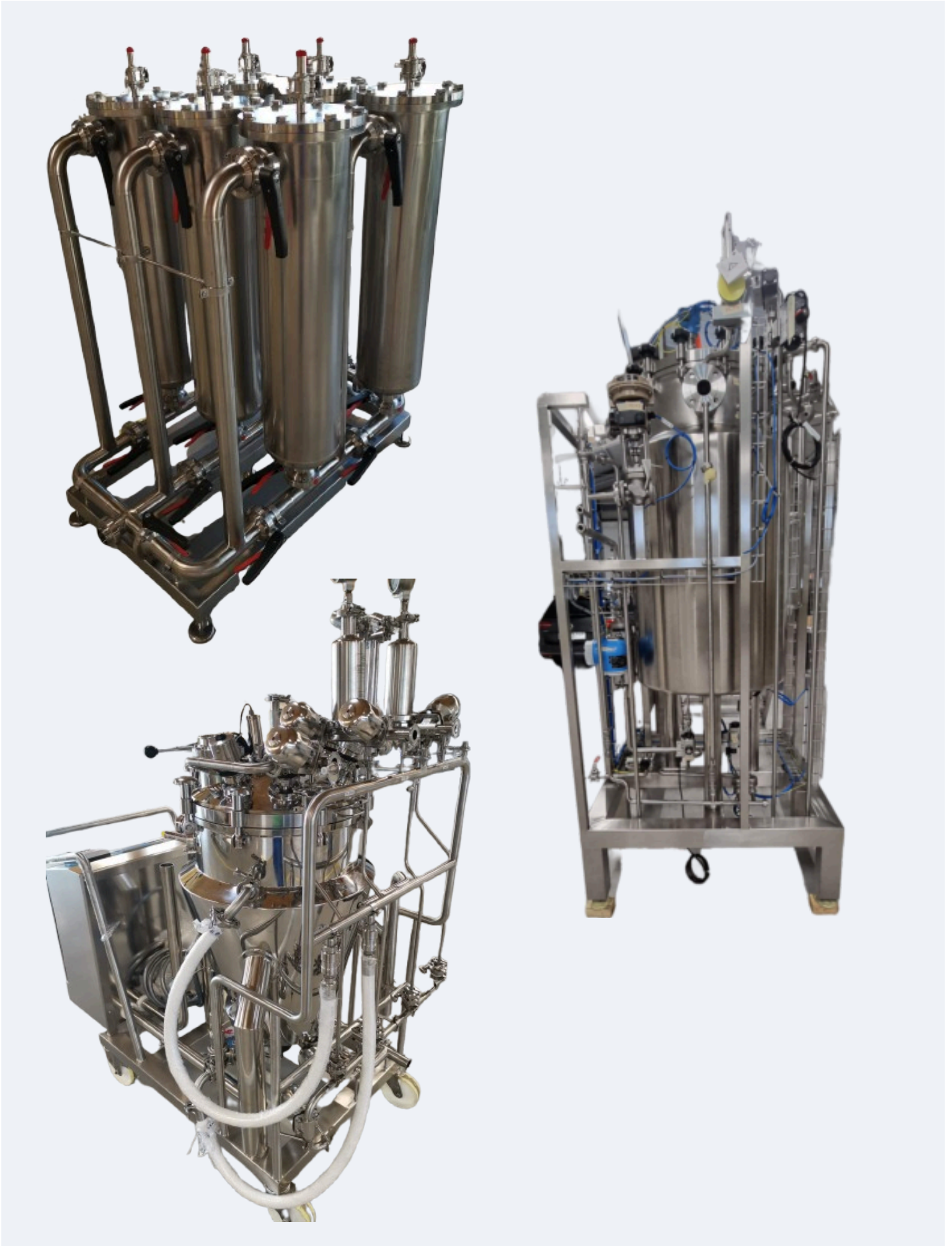
- Pressure vessels
- Skid systems
- Process piping and installations
- Platforms and supporting structures
- CIP/SIP units and stainless steel components

Every solution is tailored to customer needs and built for long-term, hygienic, and safe operation. Our work is based on precision, industry know-how, and certified quality.











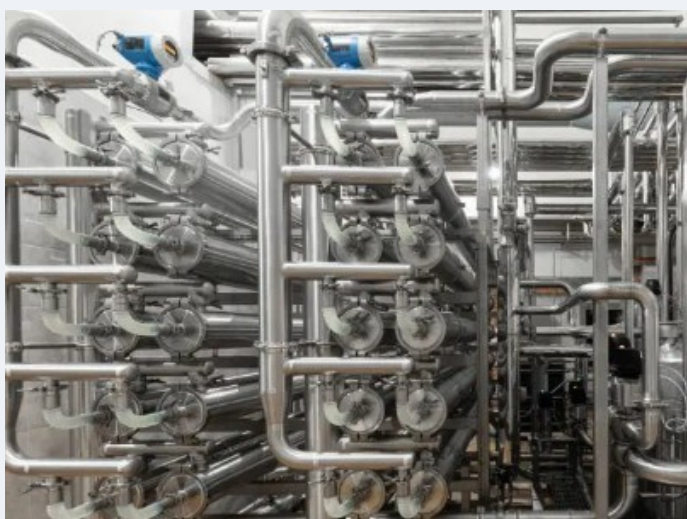
















INNOVATIVE SOLUTIONS FOR OUR CUSTOMERS



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