



EQUIPMENT FOR THE LIQUID PROCESS INDUSTRY



Competent supplier for decades

Contact today - Efficiency tomorrow...

GREAT OVERVIEW AND SENSE FOR SMALL DETAILS WITH PROFESSIONAL PROJECT MANAGEMENT

Manufacturing of tanks and process vessels for environments where there are very special conditions for cleaning and corrosion, require engineering know-how and craftsmanship from start to finish.

That's why human resource is a natural focal point at JH Staal, where every phase of a project process is supported by competent employees, who together ensure the right solution.

Professionalism and expertise are our trademark, ranging from the initial dialogue to 3D visualisation, calculation, design and technical documentation, together with project management and craftsmanship. At all levels, we focus on attention to detail that are crucial to a high-quality product.



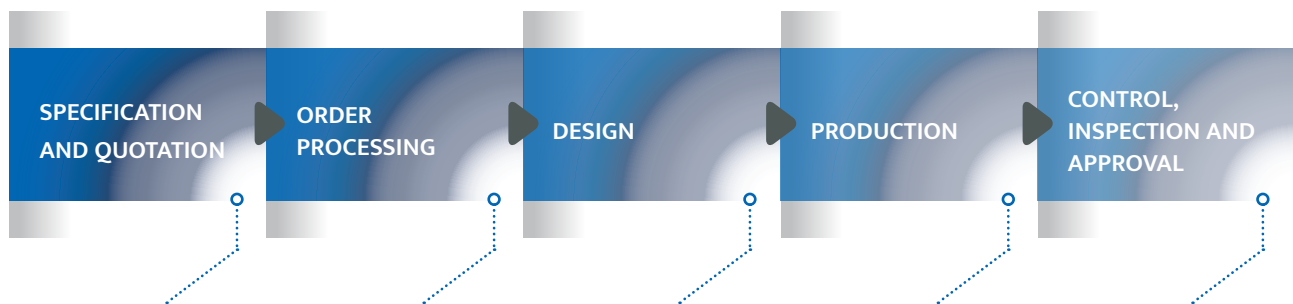
FOCUS ON PROFESSIONALISM

Our metal workers are certified according to the PED requirements and we have welding procedures for multiple stainless alloys.

Education has a high priority at JH Staal. We currently have 2-3 stainless steel smithy apprentices.

Lars Sørensen, Director

A PROCESS THAT PROVIDES SECURITY



We have the competence to make inquiries and ensure that all relevant requirements and conditions are specified. Based on this, we generate a quotation.

Delivery will be agreed, with detail specification of main dimensions, connections and instrument types, surface treatment, insulation, testing and documentation.

A detailed design drawing is the basis for further processing. A 3D model can be created and delivered to check that it fits into the factory layout.

Consistent project management, dialogue and flexibility ensure optimised production flow, focusing on absolute quality and the shortest delivery time.

Throughout the production phase, quality control is carried out, completed with internal approval of the tank and technical documentation. FAT if required.



RANGE OF PRODUCTS

STORAGE TANKS

- Self-supporting
- Stainless steel base
- Grinded weldings
- Vacuum safety / multiple venting solutions
- Insulation with a lining of trapezoidal alloy plates or fully welded stainless steel plates
- Non-slip top, rails, guides, platforms
- Alcove building

PROCESS VESSELS

- Standard or custom-made mixer
- Cooling / heating jacket
- Measuring probes for pressure, temperature, level, pH and sterile sampling
- Aseptic / sterile tanks coating surface

MOBILE UNITS

- Suitable for laboratories and the pharmaceutical industry
- Mounting on frame with wheels
- Multiple mixer solutions incl. magnetic mixer
- Electro polishing
- ATEX approval
- Cooling / heating service unit

HEAT EXCHANGERS

- Rotapro scraped surface heat exchanger for heating / cooling of highly viscous products
- As stand-alone or unit with
 - Balance and buffer tanks
 - Tubular heat exchangers
 - Clean-in-place system
 - PLC control

ENGINEERING

- Construction and product development
- 3D-visualisations
- Pressure and construction calculations, as well as FEM analysis
- Cooling and heating calculations
- Process and instrumentation charts
- Manufacturing procedures
- Full traceability through unique management system
- Welding procedures and welding certificates for multiple stainless alloys
- Riboflavin test

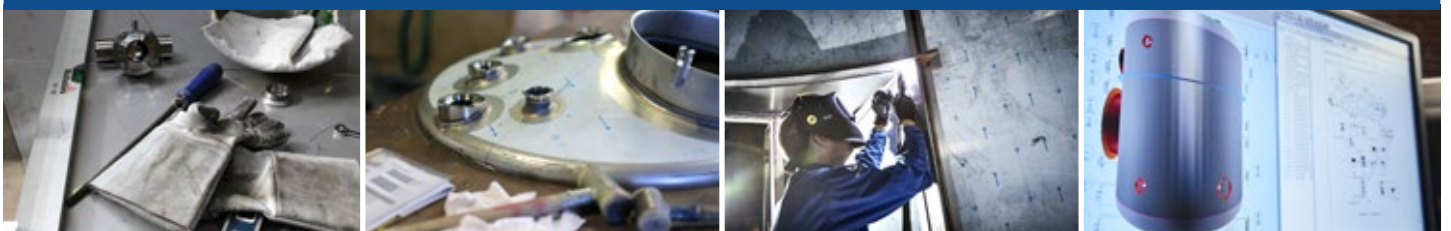




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JH STÅLINDUSTRI

COMPETENT AND RELIABLE SUPPLIER



JH Stålinindustri has been a competent and reliable supplier since 1990. Human resources, high professionalism and efficient process is the focal point that ensures a high-quality final product.

PRODUCTS

- Stainless steel pressure vessels, process tanks, storage tanks from 10 L to 250.000 L
- Stainless steel Scraped Surface Heat Exchanger for heating and cooling of high viscosity products
- Stainless steel tubular heat exchanger
- Stainless steel agitators
- Mobile and stationary process units

For further information, please contact sales department on jhstaal@jhstaal.dk or +45 8647 9044

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www.jhstaal.dk

