



PRESSURE VESSELS FOR THE HIGHEST LEVEL OF HYGIENIC PRODUCTION



Reliable stainless steel pressure vessel supplier

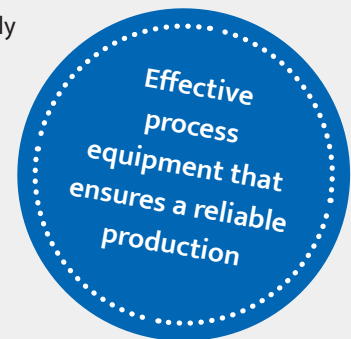


Contact today - Efficiency tomorrow...

A supplier of **know-how** and **customised solutions**

JH Staal has more than 25 years of experience in manufacturing high quality pressure vessels in stainless steel. JH Staal's solutions are based on an extensive amount of know-how. It enables JH Staal to do more than just manufacture. JH Staal advise about the right customised solution, which ensures that the specific requirements and needs of each customer are fulfilled.

The entire process is supported by a unique management system that effectively control and handle all documentation. Transparent and traceable records are kept on everything from order and quotation to production and delivery. That is why customers have full confidence in JH Staal's ability to deliver pressure vessels that live up to the highest level of standards for hygienic production.



Process equipment for **aseptic production**

An essential part of many production line is the need for hygienic control of the process equipment. JH Staal has a high level of expertise in delivering such equipment, and thereby fulfilling strict requirements regarding the choice of material, design and the cleaning process. Through the years JH Staal has specialised in manufacturing high-quality stainless-steel pressure vessels for aseptic production. The solutions enable our customers to gain complete control of their production in a hygienic environment.

JH Staal's pressure vessels:

- Are manufactured in the highest quality stainless steel from European steel suppliers
- Can be delivered in all sizes, up to a diameter of more than 3 meters
- Can handle gauge pressure of more than 0.5 bar according to PED standards
- Are customised and designed to fit any specific requirements
- Have a high level of quality which is systematically transparent with traceable documentation

*Flexible
pressure vessel
solutions of
the highest
quality!*

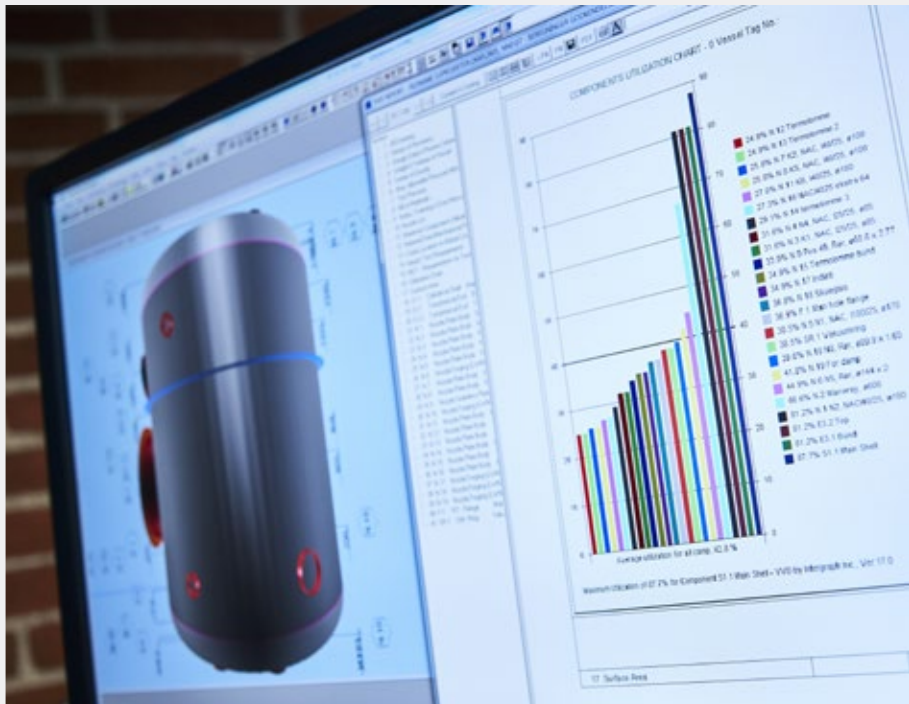
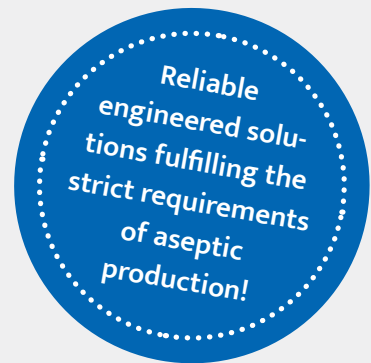


Hygienic engineering

All solutions manufactured by JH Staal comply with the high set of standard guidelines according to ASME - BPE and Design Group (EHEDG). In this context JH Staal's pressure vessels are engineered to fulfil all requirements related to the handling, preparation and processing of products with the need for the highest level of hygiene such as in food or pharmaceuticals.

Hygienic advantages:

- Can be designed to comply with any specific cleaning requirements
- Can be used for aseptic production
- Are tested according to FAT including riboflavin test to ensure a high-level cleaning standard
- Can be equipped with complex agitator and connection systems without compromising the hygienic standards of the pressure vessel
- Reliable engineering solutions fulfilling the strict requirements of aseptic production.



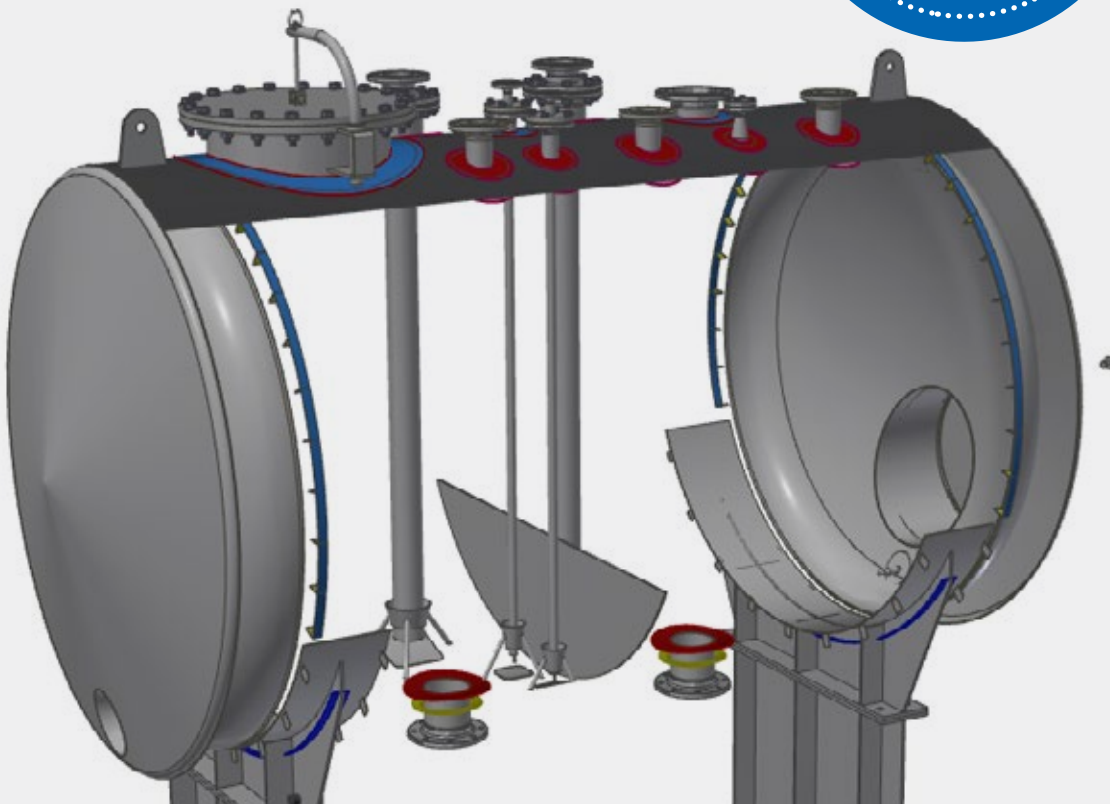
Customised design

JH Staal are specialised in designing pressure vessels for the process industry. JH Staal has an extensive knowledge ensuring customised solutions are in line with customers' demands and expectations.

Design advantages:

- Pressure vessels are customised on the basis of our extensive know-how
- Customers are advised on the best way of constructing the solution so it meets all specific requirements
- Pressure vessels can be customised to meet most common demands
- Size is no issue – JH Staal construct large pressure vessels as well as small ones
- Horizontal or vertical design optional
- Extensive experience in the ideal positioning and choice of connections, agitators, CIP-balls/turbines and other internal components.
- Designs can include insulation and cooling or heating jackets
- Solutions are modified to be part of the existing production.
- Pressure vessels can be delivered as part of a mobile process-unit including PLC heating or cooling

Customised
pressure vessels
designed to realise
any specific
requirements!



Skilled manufacturing

The high level of know-how and knowledge, gained from many years of experience, have made JH Staal a competent manufacturer and preferred supplier of pressure vessels. JH Staal know their craftsmanship and take great pride in their work. This confidence is reflected in each and every pressure vessel supplied.

Manufacturing advantages:

- Certified and experienced welding craftsmanship
- WPS for material group 8.1/8.2/10.1/10.2
- Efficient manufacturing and delivery on time
- Quick delivery of spare parts
- High level of service – before, during and after delivery
- Great track record in all quality testing procedures



Transparent documentation

Comprehensive and controlled documentation is crucial when dealing with equipment and components that are constantly under immense pressure. Each JH Staal project is therefore constructed based on a unique set of guidelines carefully described in a Supplier Quality Plan (SQP). The SQP manages the relevant processes from offer to delivery of a completed pressure vessel. This process is managed using an IT-administrative system developed in-house, which among other things, maintains records and ensures transparency and traceability.

Documentation advantages:

- For each project a Supplier Quality Plan (SQP) is made
- Customer participates in the preparation of unique SQP and approves it before production is started
- Engineering and calculations of size, pressure and heat are thoroughly validated and documented
- The quality of suppliers is traceable and transparent
- The quality of relevant welding certifications and procedures are systematically controlled and validated
- Compliance with standards for all purchased material and components is easy to track, check and document





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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

