



FPSO

FPSO capabilities

Since the mid-1970's the offshore oil and gas industry has been applying different types of Floating Production Storage Systems (FPSO). The design and construction of these types of systems has evolved over the years in response to industry demands. Meanwhile Brück has made name for itself with turnkey constructions of high-pressure rotary components and parts

If turret moored FPSO's or on- and offloading buoys are required, Brück offers a partnership in the realization of projects, offering our partners

the following benefits:

- Metallurgical expertise
- Specialization in forging, ring rolling and bearings
- In-house laboratory and testing
- Weld overlay capacity (hot wire TIG welding)
- Machining capacity of 6.600 mm and 250 tons
- Maximum product height 25 meters
- 120 tons lifting capacity
- Assembly facility for components
- FAT and Qualification Testing facility
- Specialized project management



Specialization in ringrolling and forging for Swivel Stacks

Brück believes in doing business based on an 'open policy'. We seek to establish and maintain partnerships based upon this guiding principle.

To maintain and further strengthen our leading position in innovation and product development, Brück performs a continuous extensive investment program in forging, ring rolling, machining capacity, overlay welding know-how, assembly facilities and testing equipment. By doing so, Brück makes sure that the needs of our customers will continue to be met in the best possible way, also in the future.

Brück is able to manipulate swivel stacks in various

types and material grades. We handle precision- as well as general engineering and we have found project partners who join our efforts on a mutual-interest basis.

With our many different presses up to 8.000 tons, we can produce all desired components for your Swivel Stacks. With over 1.000 material varieties, extensive machining capacity and all opportunities for overlay cladding and testing, we can produce components to perfection. Forgings can be produced up to 40 tons single piece weight and have a maximum outer diameter of 6.400 mm and a total height of 1.750 mm.



Advantages

With Brück as your partner in business you will have the advantage of having it all under one roof:

- Design and Engineering
- Extensive Material Stock
- Ring Rolling and Forging
- Metallurgical Expertise
- Overlay Welding
- Pre- and Final Machining
- Assembly
- FAT and Qualification Testing



FPSO

Experience

Continuous product development and contacts with the leading manufacturers in the process industry and the fields of marine, machine building and power generation keep Brück in touch with the demands and changes in the different markets and gives us the possibility to use innovations and product development in different industries.

Our long history in the FPSO market has made us a leading innovator and specialist in the production of Swivel Stacks. This means material supply, forgings, heat treatment, final machining, assembly and testing are all performed in-house by our highly skilled staff. If necessary, we can assist you with the installation of the Swivel Stack at sight.



Additional Services

3D Solutions

Brück is capable of visualizing your 2-dimensional drawings into full 3-dimensional views.

Our drawing / design department can easily make assembly animations out of multiple 2-dimensional drawings for projects. Creating animations out of a 2-dimensional drawing is also possible.

We are able to perform complete analyses from modeling to simulation tests. Brück offers you the services to design and optimize your product supported by advanced CAD and FEA applications.

Complementary products

Brück provides an additional wide range of parts and components for the FPSO-industry. We produce parts and components for mooring systems, complete support structures, buoys, x-mas trees and risers, as well as triangular plates and manifold plates to further comply with your wishes.

Finite Element Analysis

Brück provides the advanced software solutions required by the present-day progress of technology in order to give you the edge over your competitors.



Contact

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