TRELLEBORG

Company Profile

Trelleborg Infrastructure

Trelleborg The Company

Trelleborg Infrastructure is your partner in the design and production of engineered rubber products. Our focus is on the markets of civil engineering, offshore oil and gas, dredging, sewage, building and industry. Trelleborg Infrastructure is a member of the Trelleborg group – a global industrial group offering leading-edge expertise in polymer technology combined with advanced industrial know-how of functional solutions and systems to meet our customers' requirements. The Group has approximately 20,000 employees in some 40 countries. The Group's Headquarters are located in Trelleborg, Sweden. Trelleborg AB was founded in 1905 and the Trelleborg share has been included in the Stockholm Exchange A-list since 1964.

Quality, environmental and health and safety policy

The policy at Trelleborg Infrastructure is to design, produce and supply rubber products to match the desires, requirements and expectations of the customer. The basis of our policy is the Trelleborg Group 'Code of Conduct' policy statement on our web site www.trelleborg.com. During the design of products and processes, the environment and health and safety comprise key aspects of the process.

Trelleborg Infrastructure uses an integrated management system in line with international standards such as ISO 9001, ISO 14001 and SCC Petrochemical

ISO 9001 - ISO 14001
SCC Petrochemical
DNV
REGISTERED

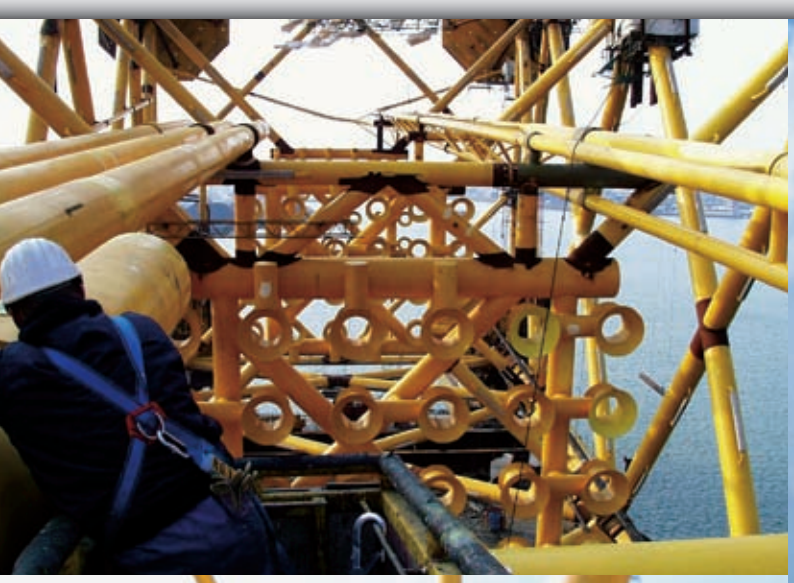
Civil Engineering

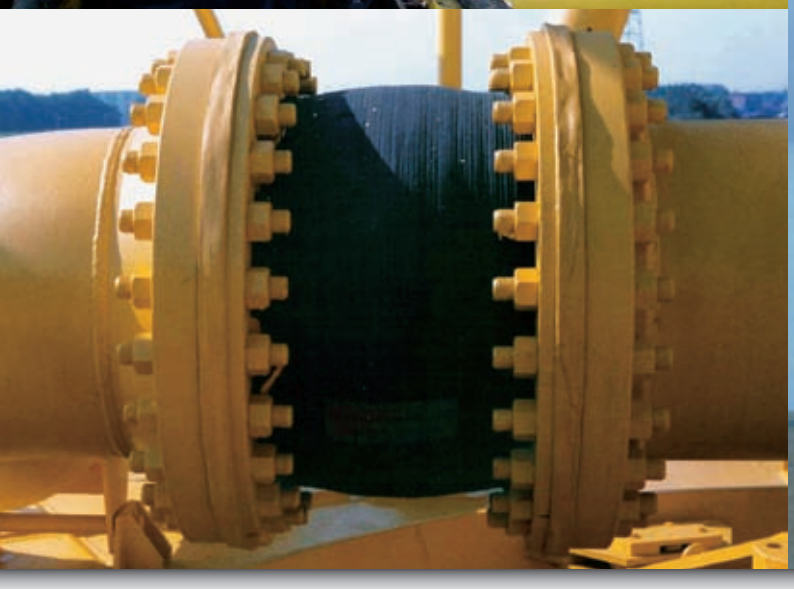
Trelleborg Infrastructure is unrivalled in seal design and elastomer technology and is the only company in the world supplying seals for both immersed tube and bored tunnels. We are the world's leading manufacturer of GINA gaskets and OMEGA seals and are a prominent supplier of tunnel segment gaskets, marketed under the HEINKE trade mark.
Our water stops are considered as the standard solution to seal the dilatation joints, which also have to withstand sizeable joint movements, for example at immersed tunnels.

For bridges and viaducts Trelleborg Infrastructure designs, manufactures and supplies structural bearings. Structural bearings are designed according the latest international standards, for example the European Standard EN 1337.
Trelleborg's Transflex bridge expansion joints span the space between the decking and the abutments on viaducts and bridges. They absorb movement caused by high traffic volumes, high winds and contraction and expansion from temperature variations.

Offshore

Offshore Oil and Gas is a major market for Trelleborg Infrastructure. Our focus is to supply the structural rubber products for offshore structures, such as Jack-Ups, FPSO's, jackets, Leg Mating Units and Deck Support Units. The product range for the offshore market contains lining for corrosion protection, structural bearing systems, and sealing systems such as grout seals and diaphragms.





Trelleborg Infrastructure is a global supplier of rubber bearing systems to major offshore projects. A significant reference is the supply of 42 module support bearings for the Sea Rose (also called White Rose). These bearings were designed to withstand a vertical load of 10,000 kN in combination with a horizontal load 3,500 kN and a displacement of 75 mm. Structural bearings with a load measurement system have been specifically developed for Jack-Ups, enabling the load to be monitored in real-time.

In order to isolate structures from potentially damaging machine-borne vibration Trelleborg Infrastructure's ANDRE Anti Vibration Mounts are supplied to major gas turbine, generator, compressor and pump unit manufacturers. Applications cover oil and gas exploration and production platforms, FPSO's, accommodation modules and helidecks.

Offshore wind farms are built using gravity base structures, monopiles or tripods. The design philosophy for wind farms is based on the installation methodology depending on soil properties, water depth and contractor experience.
A Grout seal should seal the gap between the transition piece and the pile, withstand pressure as well as compensate some misalignment.

All Grout seals are subjected to an extensive test program in order to qualify the design. All inflatable seals will be pressure tested in a dedicated test frame, preferably similar to the final situation.

Corrosion is a major source of high maintenance costs in industry. Attack by chemicals, gasses and fumes are the major cause of component break-down that necessitates early replacement. Rubber coatings are used throughout the world as a protection against corrosion.

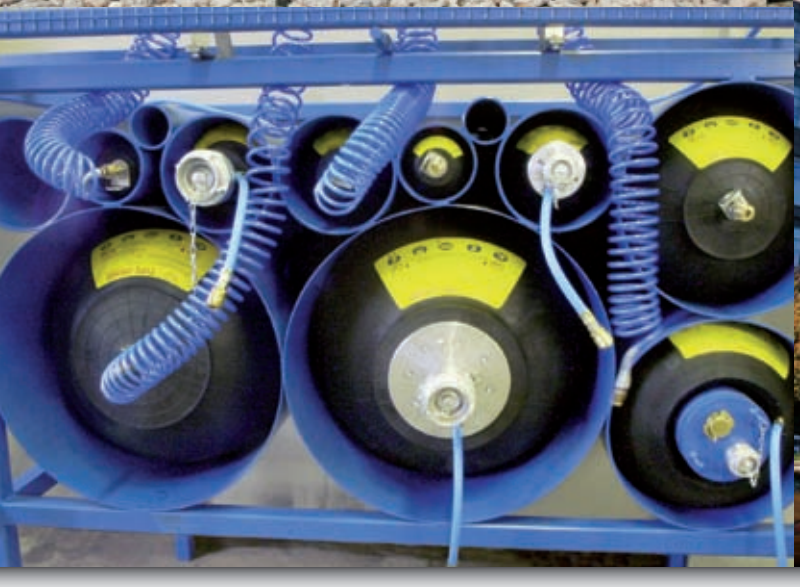
Trelleborg Infrastructure has for many years been involved in the production of anti-corrosion coatings and has a number of standard rubber compounds which are suitable for a wide range of applications and process conditions.

As product reliability is crucial our expansion joints are specified for buoys.

Industry

Trelleborg Infrastructure has a wide range of products for the industrial market, such as huge inflatable membranes for filter press membranes, roller bearings for the Millennium Wheel and lining for tanks and pipes.

Recently Trelleborg Infrastructure has developed a complete new line of lifting bags. The biggest lifting bag is capable of lifting loads up to 67 tons with compressed air at a pressure of only 8 bar. In comparison with conventional jacking equipment, lifting bags have major advantages such as the very small insertion height of approximately 3 cm, fast operation, light weight and practically maintenance free. Typical applications include lifting, pushing, seperating and fixing.



Sewage

Trelleborg pipe plugs and packers are used in connection with inspection, maintenance or relining of pipe systems without valves. The pipe plugs and packers comprise an inflatable rubber cylinder reinforced with fabrics. The plugs are used to seal sections of pipes in a fast, safe and simple manner to enable efficient maintenance work on a pipe system.

Building

Trelleborg designs and manufactures ANDRE elastomeric steel composite bearings to support and isolate a variety of buildings. Recent projects include vibration isolation of the Metropole Hotel in London and Time Warner Centre in New York, acoustic protection of the Royal Concert Hall in Covent Garden, and seismic protection of buildings such as the Los Angeles Cathedral (Our Lady of the Angels) and 911 Emergency Operations Centres in the USA.

Dredging

Dredging companies in Belgium and the Netherlands are considered to be market leaders in the world. Trelleborg Infrastructure is a major supplier for all of them. Our main products are dredging hoses, expansion joints, sealing rings for dredge gate valves, seals for bottom discharge systems and fenders for protection of drag heads.

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