ENGAGED ENGINEERING
AT THE CUTTING EDGE
Engaged Engineering
STENSBO delivers consulting services with commitment, credibility, and loyalty.

Flexibility
STENSBO offers flexible consulting services that effectively convert knowledge into valuable results targeted the specific task.

Know–how
STENSBO values the depth of its professional knowledge, and strives to be ‘At the Cutting Edge’ with its professional skills.
STENSBO is a recognized engineering consultancy company, which provides services within offshore, steel construction, industrial production and process industries.

STENSBO is a committed and flexible partner that is recognized for the quality engineering services.

STENSBO’s services include machine design, project management and documentation, as well as structure analysis and calculation of pressure equipment and steel structures.

STENSBO operates with a flat organizational structure, where colleagues works close together to perform and solve customers’ task in the best possible way.

STENSBO’s strength lies in its professional network, dedicated staff and specialized knowledge.
Adaptive
STENSBO are able to secure the necessary resources and knowledge, in order to complete customer tasks.

On The Spot
STENSBO is available where and when the customer needs assistance.

Expert In Teams
STENSBO is a team with broad and varied experienced, who have an appreciation of the power of interdisciplinary collaboration.

Co-creative
STENSBO is open to engaging external resources and knowledge to cater for customer needs.
OFFSHORE & PED

STENSBO is recognized as a specialist in the design, calculation and construction of pressure equipment

STENSBO provides design, calculation and construction of pressure equipment, piping and plant design. On a daily basis, we solve such tasks for our customers, using the latest software, standards and regulations.

STENSBO offers turnkey solutions for the Oil and Gas Industry supplemented by our in-house expertise in areas such as machine and steel construction.

Based on the customer needs, calculations and analysis are performed to optimize structural form and material consumption. STENSBO delivers complete manufacturing drawing set, ready for regulatory approval and subsequent production.

We perform vessel design and pipe-system analysis to any of the following standards

EN13445
ASME
PD5500
AD2000
API
DNV
EN13480
B31.1, B31.3, B31.4, B31.5 & B31.8

We work with notified bodies, such as

Inspecta
FORCE
BVQI
DNV
TÜV
STEEL CONSTRUCTION

STENSBO creates efficient designs with an eye for optimal strength and ease of production

STENSBO designs both steel constructions and vessel peripheries, using FEA/FEM. The power of FEA/FEM is used to optimize material choice, material dimensions and product geometry.

We analyze, calculate, construct and document all types of steel structures to applicable standards such as

EUROCODES
EN 1090
STENSBO turns ideas and thoughts into finished designs using 3D visualization, drawings and functional solutions.

STENSBO has many years of experience in the development of machines and industrial products.

A professional and committed approach ensures solutions that meet the customer’s needs and requirements, using proven principles and methods.

STENSBO’s Engineers and Technical Designers are experienced users of 3D CAD programs, including the following:

- Autodesk Inventor
- Creo Pro/ENGINEER
- SolidWorks
- Solid Edge

STENSBO is aligned with competent partners that produce prototypes in all type of materials. We use 3D prototyping for visual display or fast-track product development, mock-ups and test parts.
PROJECT MANAGEMENT

STENSBO focuses on the target to achieve value-adding results

When assigned the role of project manager, STENSBO can coordinate design specification, purchasing, production data, project meetings and follow-up. STENSBO’s has the resources to ensure that projects are managed on-specification and on-schedule.

**STENSBO performs tasks such as**

- Requirements specifications
- Project plan/schedules
- Planning of resources
- Budgets
- Supplier agreements
- Quotations
- Development of tools for task or data management (MS-Access / MS-Excel / VBA)
- Optimizing production processes, quality control and LEAN/Agile
CE-MARKING

STENSBO ensure an effective process by a balance between ‘eye for details’ and ‘keep it simple’

As a general rule the manufacturer is responsible for CE marking their machines so they apply according to the EU directive 2006/42/EC. STENSBO can act as consulting partner for CE marking of machinery or equipment.

If the machine or equipment is subjected to further directives such as PED, ATEX or EN 1090, these will of course be included in the CE marking process.

STENSBO implement CE marking of machinery and equipment by assisting with

- Technical dossier
- Declaration of Conformity
- Risk assessments
- Operating manuals
- Suggestions to security solutions

THERMOGRAPHY

STENSBO use thermography for rapid and effective identification of anomalies in machinery and production processes

STENSBO uses machine thermography to locate problems, or emerging problems, on many types of heat/friction loaded machinery. In many cases, thermography can reveal variations from normal operating conditions.

Examples of machine components that can be checked or monitored using machine thermography are

- Motors
- Gearboxes
- Pumps
- Heat exchangers
- Bearings

Process thermography can be used for the monitoring of processes and locating defective process components.

Examples of process components that can be checked using process thermography are

- Fire-proof insulation
- Vessels and tanks
- Steam systems
- Piping and valves
- Heating elements and ovens
- Moulding
- Boilers
- Switchboards
Union Engineering A/S
"Stensbo Engineering har gennem de sidste par år udført en lang række konstruktions, design- og beregningsopgaver for os, både af længere og kortere varighed. Uafhængigt af opgavens omfang og type, er arbejdet blevet udført i den aftalte kvalitet, og til de aftalte deadlines. Derudover har Stensbo Engineering gjort meget for at sikre os en konsistent bemanding på opgaverne, hvilket har reduceret vores behov for oplæring af konsulenter i vores processer og metoder.”
— Tom Sandholt, COO

Aquila Triventek A/S
— Torben Andreasen, Adm. Direktør

Sanovo Technology Group A/S
"Hos SANOVO TECHNOLOGY GROUP er vi glade for at kunne trække på ekstra ressourcer i spidsbelastninger. STENSBO har været tilknyttet os som ekstern konstruktionspartner siden 2007, og hjælper vores projektledere i Danmark og Italien med opgaver af forskellig karakter. Vi er yderst tilfredse med og det samarbejde vi har – deadlines på opgaverne bliver altid overholdt samt udført til vores tilfredshed”
— Morten Friis, Project Manager