

INGENJÖRSFIRMAN RÖRKRAFT

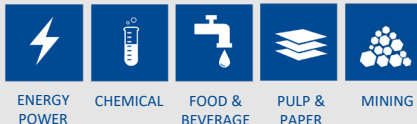
COMPANY INFORMATION

MORE THAN 20 YEARS OF ENGINEERING PROJECTS

IN A NUTSHELL

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|--------------------|--|
| Established | 1998 |
| Employees | 42 |
| Turnover | 45 MSEK |
| Offices | Lund, Karlshamn Stockholm |
| CEO | Clas Wollberg |
| VAT | SE556562734501 |
| Credibility | AAA |
| Home page | www.rorkraft.se |

INDUSTRY EXPERIENCE



KEY COMPETENCES

- Mechanical engineering
- Plant layout
- Piping engineering
- Structural analyses
- Process engineering
- Civil engineering
- Automation engineering
- Electrical engineering
- Design Review
- Inspections
- Project Management

DIRECTIVES, STANDARDS

- 93/68/EEC, CE Directive
- 97/23/EG, PED
- ASME II
- EUROCODE 3
- EN60204-1
- EN13445
- EN13480
- EN12952
- EN14015
- NGS2011

COMPANY PROFILE

Founded 1998 by Clas Wollberg, the company has developed to an expansive engineering consultant agency within industrial piping and plant design. The company offers project management, calculation and structure design within piping- and plant projects.

The company has its roots in the Pulp & Paper industry (also served today) however the project track record of more than 20 years consists of mainly design of power plants such as WTE and other bio fueled power plants.

Today the company serves many industries with a somewhat diversified client portfolio.

The company is to be found in the southern parts of Sweden but serves client all around Scandinavia, and assignments are executed around the world.

We offer the highest standard of service level based on a long experience and excellent competence within design & design review, stress analysis and calculation, management of erection, commissioning and training of staff.

PIPECALC

For basic design of pipes and fittings according to SS-EN13480, Rörkraft has for many years developed their own software *PipeCalc*. This software is used by many high-level R&D and engineering organizations within the industry in Scandinavia.

Rörkraft enjoys membership of Swedish Institute's/TK 298 (design, manufacturing and control of pressure equipment) – a national committee that active works with the formulation of 97/23/EU, PED, and SSG Piping Committee.

TOOLS & SOFTWARE

AutoCAD (2D, 3D), Plant 3D, Inventor, Revit, NavisWorks, , Caepipe,

PipeCalc, Caesar II, Rohr2, Pipenet, Autodesk Simulation, VVD,

WinTKN, MultiFrame, Autodesk Robot, MatLab/Simulink, Simatic S7,

RA Studio 5000, C#, VB, EPLAN, ElproCAD, Dymola, MS Office

SELECTED PROJECT REFERENCES

INGENJÖRSFIRMAN RÖRKRAFT AB

European Spallation Source (ESS), Lund Sweden 2018 –

Detail engineering of the Central Utility Building (CUB) through E.ON, providing the ESS facility with return of excess energy, cooling, air-pressure and clean water. Rörkraft provides services for all piping engineering, steel support, platforms, layout incl. parts of civil engineering, support on process and calculations and assisting in procurements.



Forsyning Helsingør A/S, Denmark 2017-2018

New boiler and turbine was built. Rörkraft responsible of all piping design and balance of plant to the existing district heating, incl. secondary steel support and piping bridges.



Stockholm Vatten & Avfall, new drain tunnel, Sweden 2017-2018

Rörkraft responsible for all piping engineering including primary and secondary steel for the new main drain tunnel (3500 meters) beneath lake Mälaren, tunnel drainage and valve chamber.



DONG Energy A/S, Denmark 2014-2016

Two new bio boilers was built. All piping design including secondary steel, piping bridges, erection management. Total piping length 5500 meters.



ETK, Boden Energi Boiler 18, Sweden 2017-2018

New boiler and turbine. Rörkraft responsible for all piping engineering of BoP including layout, detail design, stress calculations, secondary steel, design of tanks and vessels. Rörkraft also responsible for managing the clash control in the 3D-project.



Purac, new biogas plant, Biokraft Norway 2017 - 2108

Rörkraft responsible for the complete plant layout including all piping engineering, pipe bridges etc.



New compressors Stora Enso Nymölla, Sweden 2017

Piping and plant engineering for installation of three new compressors.



Upgrading Simsholmens water purification, Sweden NCC 2015-2016

Rörkraft responsible for the complete plant layout including all piping engineering etc.



Södra Cell Mörrum / Karlshamn Energi AB 2017

Plant and piping engineering of new tanks, heat exchangers, pumps etc for pressure stabilization of district heating system.

