

STAVANGER STEEL INDUSTRIES

| WE ARE STEEL |



HISTORY

HUNDREDS OF YEARS OF HISTORY

Our operations are located in both Norway and Sweden both have a very long steelmaking history.

The Steelmill in Stavanger started in 1911, about the same time as our start-up of our foundry in Norrhult, Sweden.

Metalmaking in Kolsva, Sweden, started as early as 1548.



GROUP OF COMPANIES

LONGTERM AND STRONG OWNERSHIP

Stavanger Steel Industries offers flexible production in both, Norway and Sweden through the operations in Stavanger, Kolsva and Norrhult.

Main shareholders of Stavanger Steel Industries are:

BR Industrier AS – An industrial group

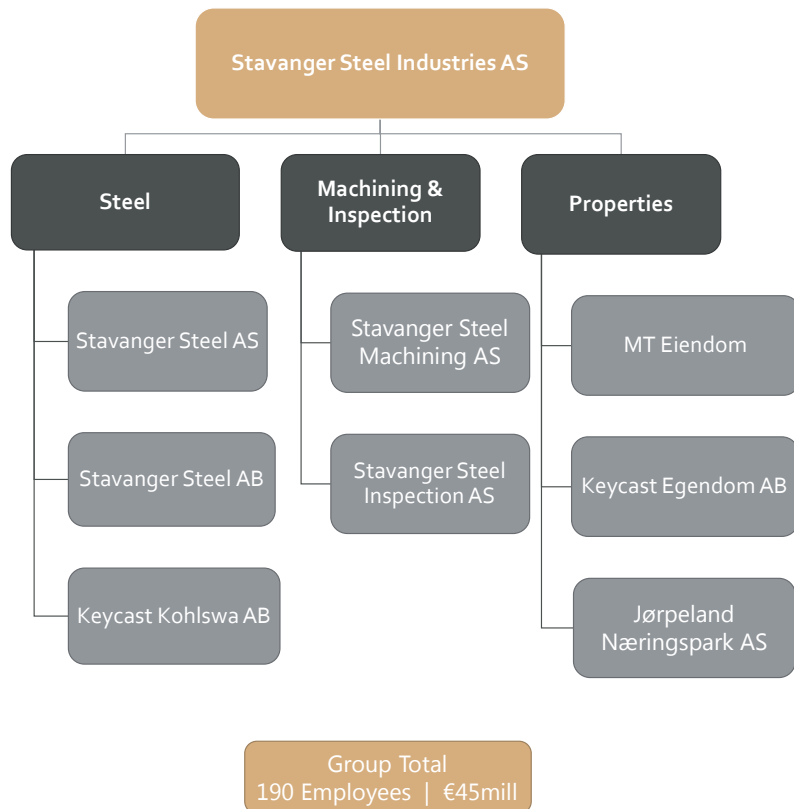
- Agriculture, Mechanical manufacturing, Surface treatment, Oil and energy.

The Group was established in 1985 and has 1 200 employees and an annual turnover of around 3 billion NOK.

Brødrene Nordbø AS – An industrial group

- Real estate, Agriculture, Electronics and mechanical manufacturing.

The Group was established in 1895 and has 350 Employees and an annual turnover of 3 billion NOK





OUR VISION

BEYOND TOMORROW

Our vision is to build a strong and sustainable steel engineering group supplying a diversified customer base with value added steel solutions.

With a customer focused strategy we grow together with our customers and follow market demands.

Our operating base is in Northern Europe and we deliver globally.

GROUP OF COMPANIES

LONGTERM AND STRONG OWNERSHIP

Quick facts

€45 mill revenue

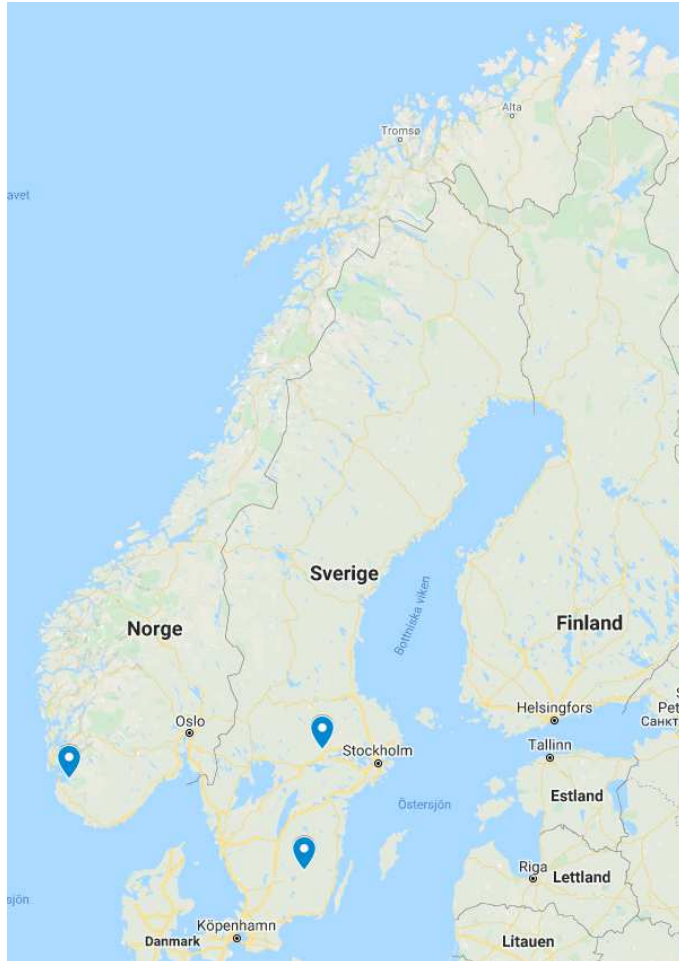
190 employees

20 000 tons capacity

Casting 10 – 10 000kg+

Forging up to 600mm diameter

Operations in Jørpeland, Tau, Kolsva & Norrhult



STAVANGER STEEL INDUSTRIES

JÖRPELAND(N), KOHLSWA(SWE), NORRHULT(SWE)



Marine



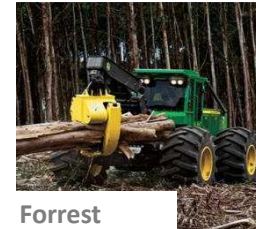
Offshore Energy



Mining



On Road equipment



Forrest



Forged bars



Propulsion



Mooring



Wearparts



Crane pillars



Crane pillars



Forgings & Billets



STAVANGER STEEL INDUSTRIES

STEEL MAKING CAPACITY


Jørpeland 

+ 12 000 tons

+ 6 000 tons Forgings
+ 6 000 tons Castings

Currently on aprox. 50%

Rough & Fine Machining

Norrhult 

1 000 tons

Currently on aprox. 50%

Rough Machining inhouse

Kolsva 

6 000 tons

Currently on aprox. 50%

Rough Machining inhouse



A combined capacity of up to 20 000 tons of steel delivery.

CASTING & FORMING METHODS

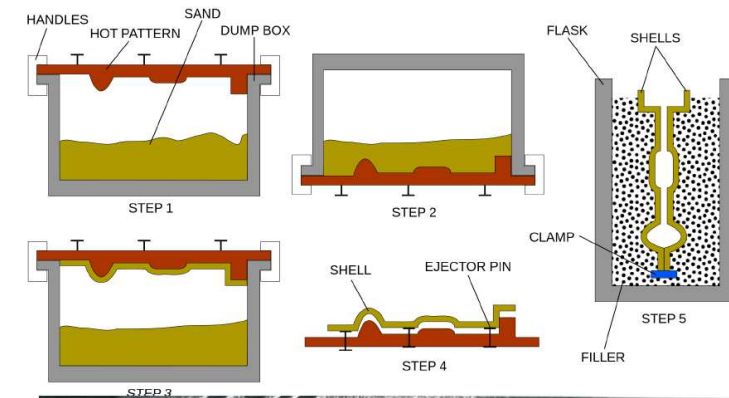
SAND OR SHELL

HANDMOULDING

- Lower - Medium Volume
- Higher geometric complexity
- Lower initial costs

CRONING / SHELLMOULDING

- Suitable for medium - higher volume
- Near Net Shape
- High surface finish
- Great tolerances



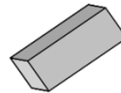
FORGINGS

HIGH QUALITY FORGINGS

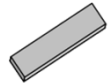
Round Ø150-600mm
Length max 7 000mm
Weight max 5 000kg



Square Width <450mm
Length max 7 000mm
Weight max 5 000kg
DIN 7527



Flat 200-600mm
Length max 7 000mm
Weight max 5 000kg



Hollow Ø150-500mm
Length max 7 000mm
Weight max 4 000kg



The forgings are precision engineered starting with the raw material, to its final shape before further processing.

Our forge in Stavanger we forge stainless steels such as; Martensitic hardenable, Austenitic, Super Austenitic, Duplex, Super Duplex and Light Nickel alloys.



HEAT TREATMENT

OVER 10 HEAT TREATMENT OVENS

Casting or Forging a part to its desired dimensions and melting the exact ingredients in the specified material does not make a perfect product. Heat treatment procedure is needed to accomplish the specified material properties.

Our heat treatment Ovens are all equipped with logging capabilities for full traceability. Several of them are calibrated to Norsok M-650 ed. 4, Appendix B, and API 6A: 2010 / ISO 10423:2009.

For custom made materials we develop the needed heat treatment to your specific material so to give it the desired properties.



QUALITY & TESTING

VERIFICATION OF DELIVERABLES

We are able to offer classification through most third-party classification societies. This makes your life easier.

This is a service we offer You as a customer that makes life easier and more relaxed.

Our forgings process are approved according to NORSOK, another proof that we work with process control and continuous improvements all days, every day.

We can test Your parts with destructive testing; **Tensile, Charpy, Bend,**

Hardness and Pressure testing up to 300 Bar.

- and non destructive testing such as; **X-Ray, Ultrasonic, Penetrant, Magnetic Particle, Visual & Penetrant testing.**

Stavanger Steel Inspection is an accredited laboratory that can offer third party inspections and a fully equipped lab to perform micro & macro testing, corrosion testing and tensile testing.

