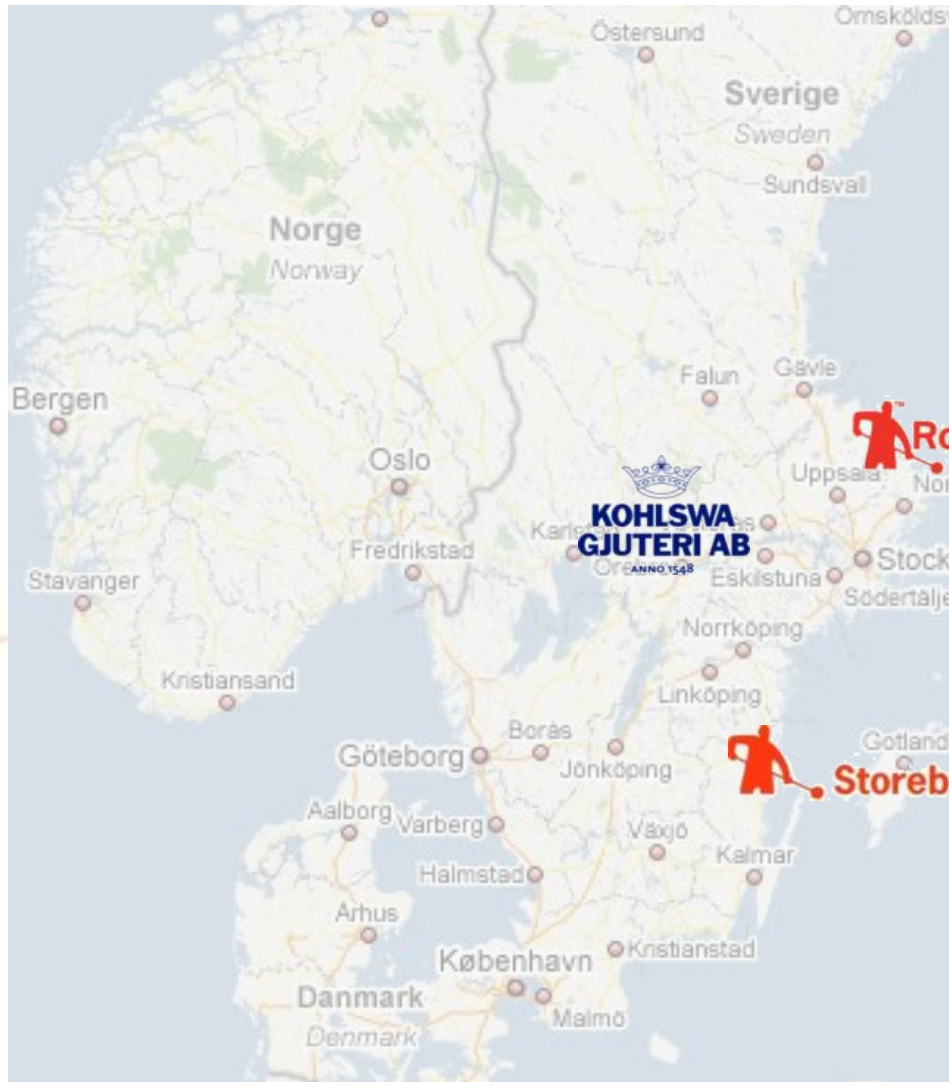


Presentation of

NÖTUDDEN CASTING GROUP

Member of Nötudden Industrier AB



 **Roslagsgjuteriet AB**


**KOHLSWA
GJUTERI AB**
EST. ANNO 1548

 **Storebrogjuteriet AB**

Our Offer

- ✓ **To supply Steel and Iron castings with a high level of metallurgical and technical content.**
- ✓ **To accommodate small and variable order volumes.**
- ✓ **To offer cost saving capabilities by combining foundry and machining technology.**
- ✓ **To work with a selected number of customers and serve them well.**
- ✓ **To constantly seek productivity improvements by adapting the latest foundry technology.**
- ✓ **To fulfill environmental quality standards**

Why Nötudden Casting?

- ✓ **Efficient production structure**
- ✓ **Cost conscious**
- ✓ **Process control**
- ✓ **Reliable**
- ✓ **Comprehensive casting and metallurgical knowledge**
- ✓ **Flexible**
- ✓ **Machining capabilities**
- ✓ **Customer oriented**
- ✓ **Prototype production**
- ✓ **Excellent customer portfolio**



Group Key Figures (2010)

- Number of employees 134
- Total melting capacity 14 000 tonnes/year
- Casting weights 0,5 – 14 000 kg
- Turnover 23,3 M €.

Nötudden Casting Group is owned by Nötudden Industrier AB

Application Areas



Packaging

Offshore

**Waste &
Water**

**Process and
Industrial
Products**

Agriculture

**Power &
Energy**

Marine

**Mining &
Construction**



Customer References





White Iron (High Chrome)

Grey Iron

Alloyed Grey Iron

Ductile Iron

Wear Resistent Iron

Heat Resistent Iron

Structural steel

Heat-Treatable steel

Stainless Martensintic

Stainless Ferrit-Austenitic

Stainless Austenitic

Wear steel

Tool steel

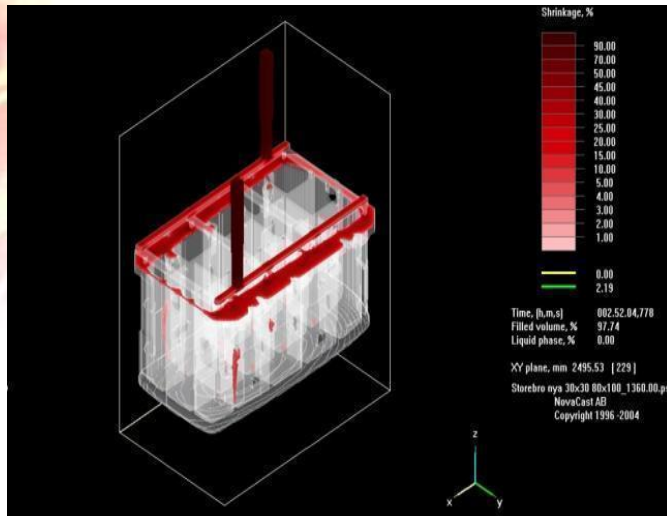
High-temperature steel

Heat-resistant steel

N.B Other types of material can be manufactured on request.



- Sand testing (Hartley)
- Ultrasonic testing
- Metallurgical structure
- 3D Measuring
- X-Ray
- Liquid penetration testing
- Mechanical testing
- Magnetic particle testing





- **Manufacture grey, ductile, white and alloyed iron**
- **Melting capacity 5 000 tonnes/year.**
 - Two Radyne 2.000 kg, High frequency with 1500kw output
 - One Asea 1.000 kg, Middle frequency with 700kw output.
- **Moulding machines**
 - BMD ASPA 800 - Flask size 900x700x300/300
 - Casting weights from 50 – 250 kg.
 - Hunter HMP 20 - Flask size 520x420x150/160
 - Casting weights from 0,5 – 50 kg
- Short to midsize series.
- **Hand moulding**
 - Flask size max 1500x1200
 - Casting weights up to 500 kg.
- EN-SS 9001:2008, EN-ISO 14001:2004
- Laboratory and Pattern shop
- Located 1h north of Stockholm



Typical Product Applications:

- Pump industry, Machine building, Mining & construction, Tools, Power, Energy, Marine, Packaging, Process and Industrial products
- Castings up to
 - 250 kg (machine moulding)
 - 500 kg (hand moulding)





Customer References

- Emhart Glass
- Metso Minerals Sala
- Sandvik MT and Sandvik Hard Materials
- Sandvik Mining & Construction
- Tetra Pak
- Alfa Laval
- Morgårdshammar AB
- Babcock& Wilcox Volund (DK)
- MAN Diesel (DK)
- T. Kverneland & sönnner (NO)
- Esco Kongsberg (NO)





- **Manufacture grey, ductile, white and alloyed iron.**
- **Melting capacity: 5 000 tonnes/year.**
 - One Radyne 2.500 kg, Middle frequency with 1200kw output.
 - One Junker 5.000 kg, Low frequency with 600kw output.
- **Hand moulding**
 - Flask size max **5000x3500.**
 - Casting weights up to 7000 kg.
- Short series up to 300 units/year.
- Prototypes in full mould process
- EN-SS 9001:2008, EN-ISO 14001:2004
- Approvals from GL, BV, LR, ABS
- Laboratory and pattern shop
- Located in Storebro, 10 km south of Vimmerby



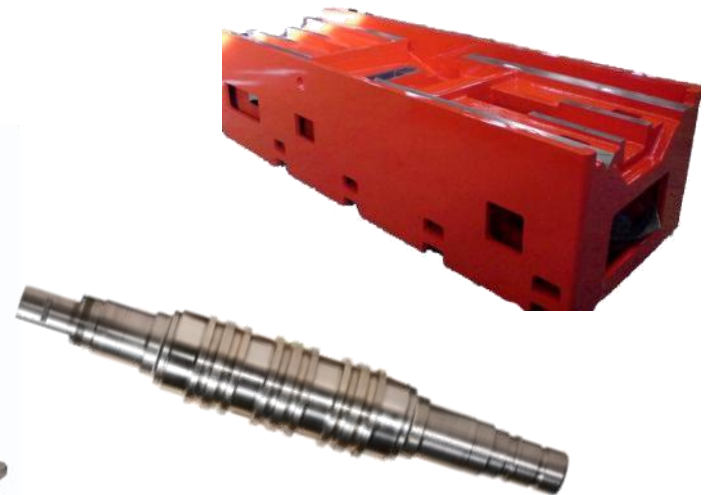
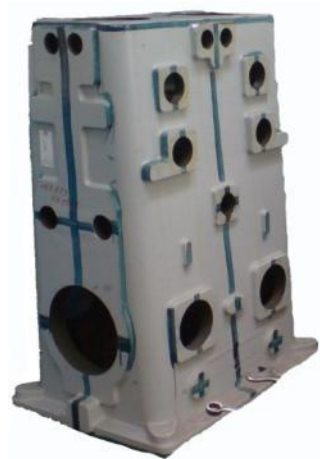
Note:

Germanischer Lloyds (GL), BUREAU VERITAS (BV), Lloyd's Register (LR), American Bureau of Shipping (ABS)



Typical Product Applications:

- Pump industry, Machine building, Mining & construction, Tools, Power, Energy, Marine, Packaging, Process and Industrial products.
- Castings up to 7000 kg (hand moulding).





Customer References

- ITT Water & Waste Water
- ABS Production (SE&DE)
- Metso Minerals
- Fire fighting Systems (N)
- Sandvik Hard Materials
- MAN Diesel (DK&DE)
- Burckhardt Compression (CH)
- Tetra Pak
- Alfa Laval
- Emhart Glass
- Morgårdshammar
- Cellwood Machinery
- Volvo
- Husqvarna
- Gestamp-Hardtech (SUI)
- Meconet (FIN)





- **Manufacture structural, heat treatable-, stainless and manganese steel**
- **Melting capacity of 4000 tonnes/year.**
 - One Electric arc furnace, melting capacity 10.000 kg
 - Two ABB High frequency, melting capacity 1.700 kg each
- Short series up to 300 units/year
- **Hand moulding**
 - Flask size max **3500x3500.**
 - Casting weights up to 14 000 kg.net weight
- Approvals from DNV, BV, LRS, ABS, GL, RMS, and Achilles
- NDT testing, Mechanical testing, Pattern shop
- Shop for machining of Iron and Steel Cast
- 2 hours west of Stockholm

Note:

Germ Lloyds (GL), Bureau Veritas (BV), Lloyds Register of Shipping (LRS), American Bureau of Shipping (ABS)



Typical Product Applications:

- Ship building & Offshore Industry, Mining, Crushing & Construction Industry
- Castings up to 8000 kg (hand moulding).



Customer References

- Karmøy Winch (NO)
- Thomassen (NL)
- Triplex (NO)
- Burckhardt Compression (CH)
- Schaffran Prop (DE)
- Ramnäs Bruk
- Rolls Royce Marine
- Metso Pulp and Paper
- Sandvik
- ABS Pumps
- Alfa Laval
- Andritz Group

Kohlswa Gjuteri

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