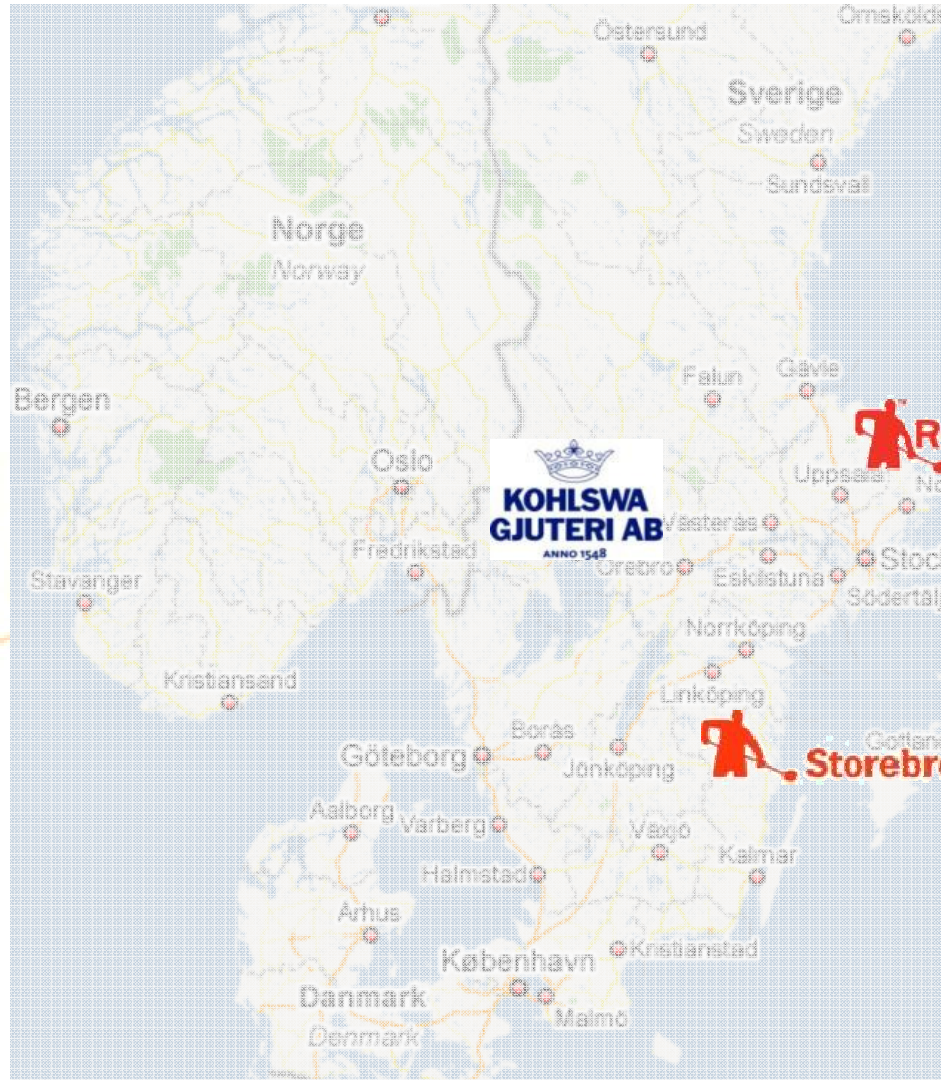
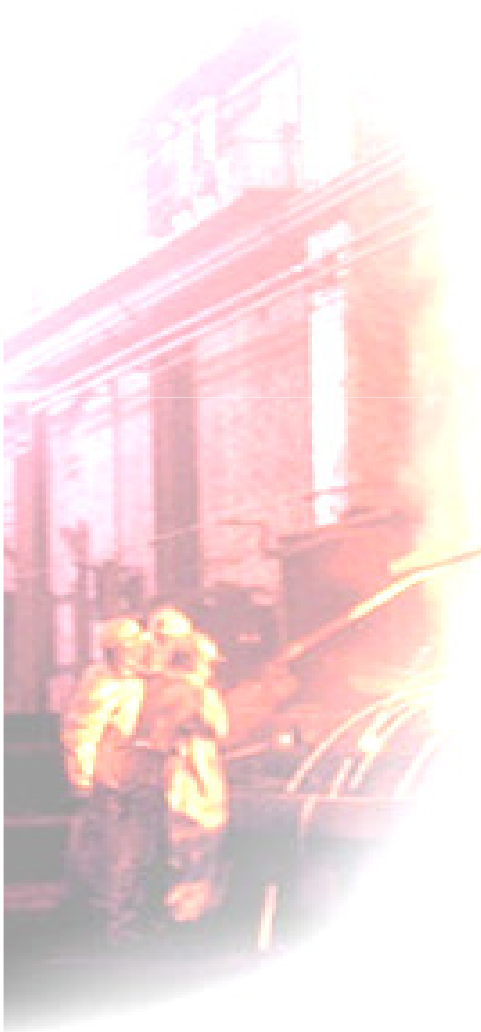


# Presentation of

NÖTUDDEN CASTING GROUP

Member of Nötudden Invest AB

# Group Companies



**Roslagsgjuteriet AB**

**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?

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



## Group Key Figures (2008)

- Number of employees 235
- Total melting capacity 14 000 tonnes/year
- Casting weights 0,5 – 8000 kg
- Turnover 32 M €.

*Nötudden Casting Group is owned by Nötudden Invest who had a turn around 2008 of 51 M€*

# Application Areas



**Packaging**

**Offshore**

**Waste & Water**

**Process and Industrial Products**

**Agriculture**

**Power & Energy**

**Marine**

**Mining & Construction**



# Customer References



# Materials



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

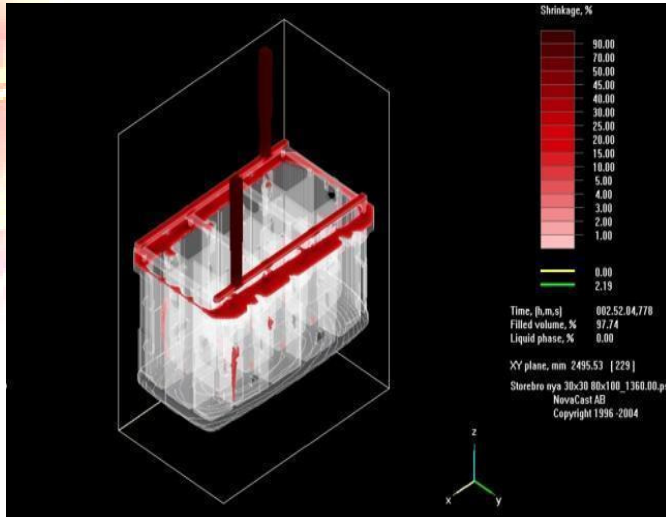
Wear steel

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
- Hotab
- Sandvik Services and Sandvik Hard Materials
- Sandvik Mining & Construction
- Tetra Pak
- Alfa Laval
- Dellner Couplers
- Babcock& Wilcox Volund (DK)
- MAN Diesel (DE&DK)
- T. Kverneland & sönnner (NO)
- Neuman& Esser (DE)





- **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
- Laboratory and pattern shop
- Located in Storebro, 10 km south of Vimmerby



Note:

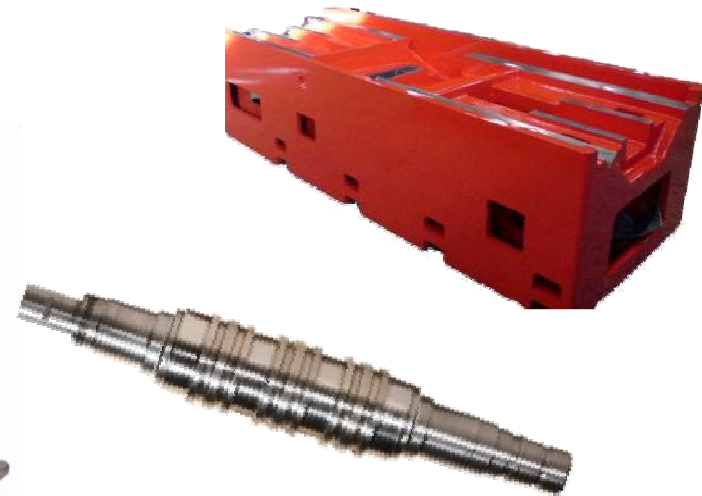
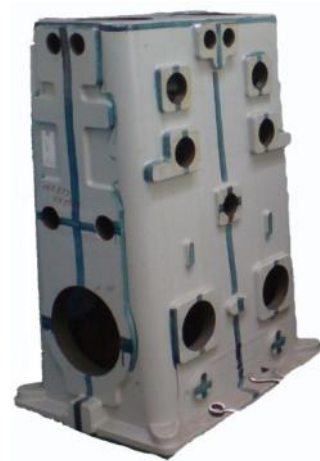
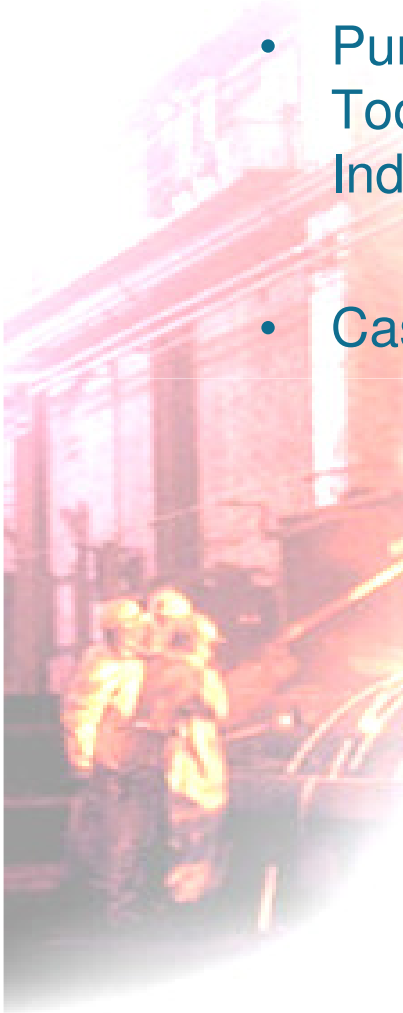
Germanischer Lloyds (GL), BUREAU VERITAS (BV), Lloyd's Register (LR)





## 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
- Sandvik Hard Materials
- MAN Diesel (DK&DE)
- Burckhardt Compression (CH)
- Tetra Pak
- Alfa Laval
- Emhart Glass
- Morgårdshammar
- Cellwood Machinery
- Volvo
- Husqvarna





- **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 8000 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:

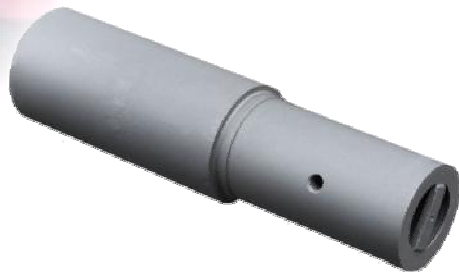
Germ Lloyds (GL), Bureau Veritas (BV), Lloyds Register of Shipping (LRS), American Bureau of Shipping (ABS)





## 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





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