OUR WORLD IS MADE OF STEEL ...
MISSION

We ... 

• are a flexible and reliable partner
• deliver high quality products
• guarantee customer satisfaction based upon vast experience and metallurgical know how
• react fast to fulfil our customer expectations
• aim for a long term relationship with our customers
• develop the knowledge, performance and creativity of our employees
• act responsible in respect to our society and to our environment
• communicate openly and transparently
HISTORICAL DEVELOPMENT

2017  Commissioning of the peeling line

2009  Commissioning of the new steel mill (largest speciality steel production capacity in Austria)

        Production of the first 80 ton specialty steel ingot in Austria

2009  Commissioning of the new forging manipulator

2008  Modernization of the heat treatment facilities in the forging shop

2007  Extension of the re-melting shop with a 2nd ESR and a VAR re-melting unit

2007  Commissioning of the new 65 ton electric arc furnace

2003  Start up of the re-melting shop with a ESR re-melting unit

2001  Modernization of the steel mill with a 50 ton electric arc furnace

1992  Strategic decision to start the production of speciality steel products

1966  Start up of the forging shop

1948  First continuous casting trial for steel in a production scale on a world wide basis

1942  Foundation of the „Eisenwerk Breitenfeld“
PRODUCTION FLOW OF BREITENFELD

Speciality Steel Production

1. 65 t Electric Arc Furnace
2. 4 Ladle Furnaces & 2 VD/VOD units
3. Casting Area
4. 2 ESR, 1 VAR
5. Heat Treatment Equipment
PRODUCTION FLOW OF BREITENFELD
PRODUCTS

Ingots

- Squares from 1 t up to 28 t ingot weight
- Octagonal from 3 t up to 21.5 t ingot weight
- Polygonal from 28.5 t up to 120 t ingot weight
- Round from 3 t up to 120 t ingot weight
- Flat from 1 t up to 35.4 t ingot weight
PRODUCTS

ESR - Ingots

- Round 420 mm – ingot weight approx. 3 t
- Round 500 mm – flexible ingot weight up to 6 t
- Round 600 mm – ingot weight approx. 5 t
- Round 750 mm – flexible ingot weight up to 14 t
- Round 1000 mm – flexible ingot weight up to 24.5 t
- Round 1200 mm – flexible ingot weight up to 35 t
PRODUCTS

VAR - Ingots

- Round 450 mm – ingot weight approx. 2.6 t
- Round 550 mm – ingot weight approx. 5.5 t
- Round 800 mm – ingot weight approx. 11.5 t
- Round 1000 mm – ingot weight approx. 18.5 t
We produce Speciality Steel products, such as

- Heat treatable Steels
- Engineering Steels
- Bearing Steels
- Case-hardening Steels
- Tool steel
- High Speed Steel
- Stainless Steel (austenitic, martensitic, ferritic)
- Duplex, Super Duplex

We are specialized in the following end user segments

- Power Generation
- Windcraft
- Oil and Gas (Offshore)
- Aviation

Together with our customer we can develop specific chemical analysis and produce the corresponding ingots with our state of the art technology.
QUALITY MANAGEMENT / QUALITY ASSURANCE

The outstandingly high quality level of our products and production processes result in high level quality assurance certificates and customer approvals. We constantly develop and improve our quality management system. We increase the number of customer approvals on an ongoing basis. We guarantee the highest quality standard through highly qualified employees, state of the art technology and equipment supported by our ongoing investment strategy.

- ISO 9001
- EN 9100
- DNV GL
- DGR and AD-W0/TRD 100
- KTA 3201.1, Abschnitt 2.4
- KTA 1401; AVS D100/50; IAEA 50-C-Q and GS-R-3
- BUREAU VERITAS NR 320
- Lloyd’s Register (LR)
- NORSOK M-650
- ABS Certificate
- KRS Certificat
- ClassNK Certificate
ENVIRONMENT MANAGEMENT

Breitenfeld was the first steel mill in Austria which passed an environment inspection according to the IPPC-guidelines. Breitenfeld fulfils all legal environment standards. The ongoing investment strategy guarantees that our production facilities are the latest state of the art with respect to environmental considerations and contemporaries.
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