



## Medium Power Transformers

### Designs to meet all requirements:

Since 1960 almost 2000 power transformers have been built in Regensburg and are now working on the grid systems of our customers. We pride ourselves on having a longstanding and close relationship with our customers who state that SGB power transformers are very reliable with a failure below 0,36 % as indicated in specialized literature.

### Medium Power Transformers from Regensburg.....



Floor space: 70.717 m<sup>2</sup>  
Production space: 22.069 m<sup>2</sup>

- ☆ Important production facilities:
  - ☞ 2 pcs core cutting machine make Georg all cores in Step-Lap technique
  - ☞ 2 Vapour-Phase-Drying Ovens
  - ☞ 7 winding machines
  - ☞ isostatic coil pressing
  - ☞ cranes up to 120 t capacity
- ☆ Production capacity: 8.000 MVA/a
- ☆ Certified Quality Management System acc. ISO 9001 since 1993
- ☆ Certified Environmental Management System acc. ISO 14001 since 2002

### ..... for worldwide supply



Transportation via: ☞ road  
☞ railroad  
☞ ship (over Rhein-Main-Donau-Kanal directly to the harbour)

Power range 10 up to 150 MVA  
Voltage up to 230 kV  
Cooling ONAN / ONAF / OFWF  
Frequency 16 2/3 Hz / 50 Hz / 60 Hz

Use of transformers as

- ☞ Medium Power Transformers
- ☞ Generator Transformers
- ☞ Furnace Transformers

Voltage adaptation:  
rigid, with off-circuit tap changer

Standards:  
DIN/VDE, IEC 60076, BS, ANSI/IEEE, CAN/CSA, NEMA, ENEL, ÖVE, SVE, UL, NF, UNE ...  
As well as special customer requirements

Quality can be measured!



### High-voltage test lab at most modern level

- ☞ Air conditioned test hall, shielded against ambient noise level
  - ☞ 2 test places for routine tests HF-interferences
  - ☞ 1 test place for impulse voltage tests temperature changes
- testing transformers up to 600 kV  
Stoßpegel für 1050 kV Vollwelle

We would be pleased to receive your call, wherever you need a Power Transformer:

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Subject to technical changes

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