

PRODUCTS

SGB CZECH TRAF0

The SGB Czech Trafo production includes various models and power classifications of cast resin transformers that can be used for a wide range of applications. The production scope covers transformers from 250 (100) kVA to 2500 kVA and 6 - 24 kV. Each transformer can be individually customized and can be supplemented with a wide range of accessories and electrical enclosures with IP21 - IP33 protection rating.

Our products are manufactured according to the highest technological and safety standards (IEC 60076-11). Our own engineering and development enable us to not only fulfill special customer requirements but also ensure the long-term development and advancement of the Gravity Line product range.



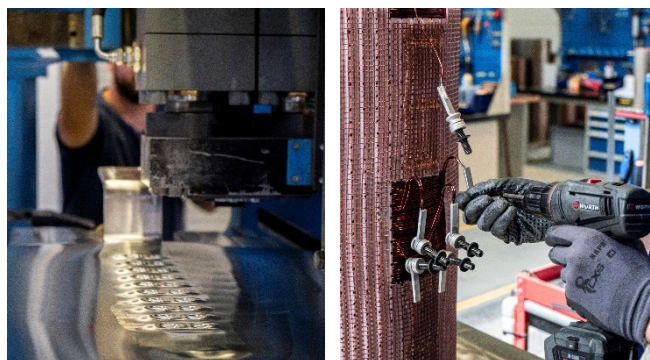
APPLICATIONS

- Infrastructure, public buildings, underground parking
- Industry – manufacturing plants
- Data centers
- Photovoltaic power plants
- Surface mining – increased shock resistance transformers

TECHNOLOGY

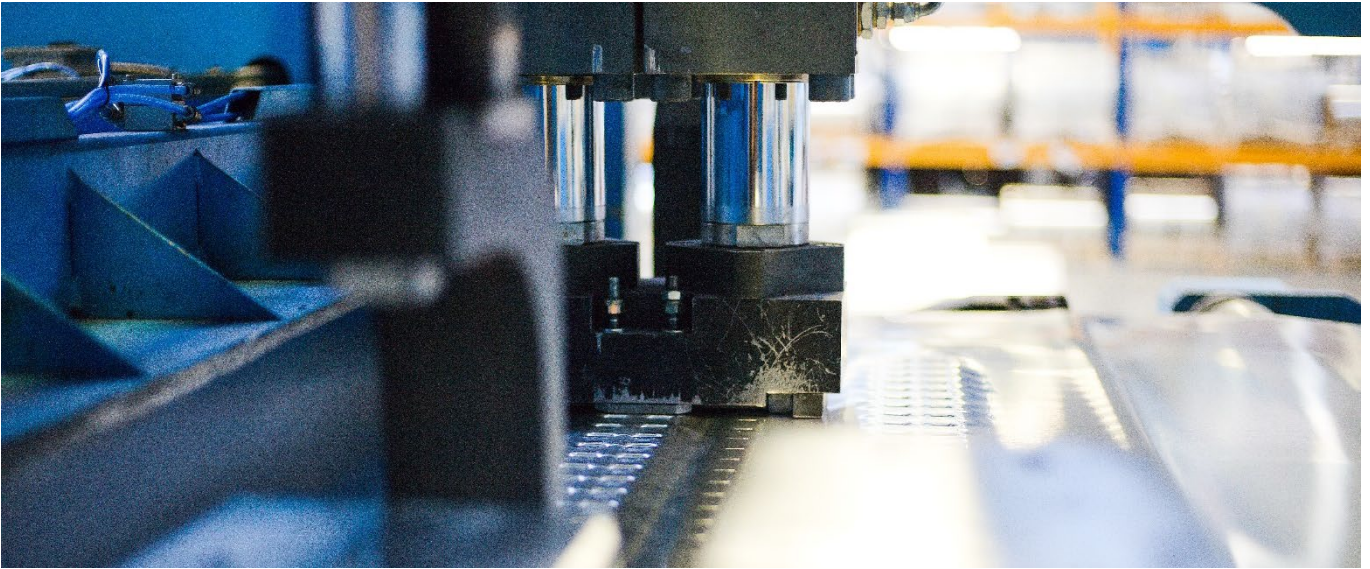
GRAVITY LINE

Gravity Line stands out for its excellent electrical, mechanical, and thermal properties while maintaining reliability, long-term sustainability, and environmental protection. It utilizes efficient high-voltage coil winding technology, offering cost-effective solutions that meet the quality and performance standards set by SGB-SMIT Group. Gravity Line transformers are certified to F1, C3, E3, and can be designed for higher climatic or environmental classes upon request. All transformers also meet the partial discharge test requirements up to 5 pC. The insulation class of the transformers is F.



ADVANTAGES OF DRY TRANSFORMERS

- Safety without liquid dielectric
- Environmentally friendly production and operation
- Economically advantageous maintenance
- Compact product size
- Utilization in specific environments



SGB Czech Trafo is part of the international SGB-SMIT Group, which fully specializes solely in the manufacturing of transformers. Electricity distributors and engineers worldwide trust the products of the SGB-SMIT Group, which has production facilities in Germany, France, the Netherlands, the Czech Republic, Romania, China, India, Malaysia, the USA, and South Africa.

ABOUT US

SGB Czech Trafo was established in 2016, when it followed on the production of dry-type distribution transformers using the Gravity Line technology, which was originally located in the Regensburg, Germany factory. SGB Czech Trafo thus continues to develop the long-standing experience in transformer manufacturing of its sister companies, SGB Regensburg and SMIT, which have been manufacturing transformers since 1947, respectively 1913 in the case of SMIT. Our factory, with a production area of 7,600 m², is located in Olomouc, Czech Republic, and employs approximately 100 employees.

CONTACT

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