

TRANSFORMERS   INDUCTORS   FILTERS





## ABOUT US

### HIGH PERFORMANCE FOR YOU SINCE MORE THAN 40 YEARS

Our components ensure high performance for your products and services, your customers can rely on.

Kleintges Elektrogerätebau GmbH is a German innovative, high quality and fast supplier for various industries. We develop, produce and market all kinds of inductive components like transformers, inductors, filters as well as power supplies.

We are centrally located in Europe to deliver fast according to your needs.

Our mission is to develop high quality products according to our customers' individual requirements.

Kleintges is operating from two locations: Headquarters, Research & Development, Sales and Marketing as well the production factory are located in Kirtorf, Germany, and there is another facility in the Czech Republic. The factory in the Czech Republic is perfectly equipped to ensure serial production with fast processing times and of highest quality.

In our headquarters in Kirtorf we produce single pieces, small quantities and samples. Samples give us the possibility to help our customers quickly to find the ideal solution for their application.

We invest substantial amounts of money and efforts annually into our process capabilities as well as technical and service innovation.



## INTERNATIONAL DELIVERIES

### WORLDWIDE AT YOUR DISPOSAL

In the global world and global business it is important to operate worldwide.

Our competent employees are used to serve customers in various continents, like Asia, North and South America and naturally a vast number of customers in Europe.

We are located close to the Frankfurt am Main Airport in Germany, a major logistic hub in the center of Europe. For sea freight we can reach major harbors in a few hours time. Because of our vicinity to important logistics centers in the middle of Europe we are able to supply the products according to your needs in terms of transport speed and costs.

We are proud of the fact that customers from very far away do ask Kleintges Elektrogerätebau GmbH in Germany to supply them with components.

Whether a company sells one- of – a- kind high tech products or commodities, today logistics plays a major role in the supply chain. Kleintges has realized this very early on.

Kleintges is optimally positioned to deliver its products worldwide to your factories or projects on time.

We have proven that our logistics capabilities match the needs of globally operating companies.



Kleintges typically develops and produces transformers from 0,5VA to 250 kVA with voltages going beyond several kVs, if required by the application. Our engineers design inductors and chokes for applications with currents ranging from 100mA up to 1200A and nominal frequencies from 50Hz/60Hz to several kHz. Naturally our transformers are not only designed to work with the typical grid frequencies. For instance for switching applications our engineers are happy to design for you high frequency transformers perfectly fitting your application.

Kleintges transformers and inductors are built with various kinds of core and winding materials and forms to deliver the required performance. For tough ambient conditions Kleintges delivers liquid cooled components.

## APPLICATION EXAMPLES

Green Energy



Naturally our broad range of filters like network harmonic and reactive filters as well as output filters for power electronic applications follow the same design principle - "High Performance Everywhere".

We supply since many years the renewable energy industry with our special designed and high quality inductive components. Due to the nature of the business the components must meet stringent safety, environmental and long lifetime requirements. Furthermore low life cycle costs are of prime importance.

Manufacturing Industry



Germany has one of the world's largest manufacturing industry segments. Kleintges as a German company has early on supplied many automation segments, EMS, power electronics, and industrial utility customers with various kinds of highly reliable components. We are very honored to have not only renowned German global companies as our customers, but global international corporations as well.

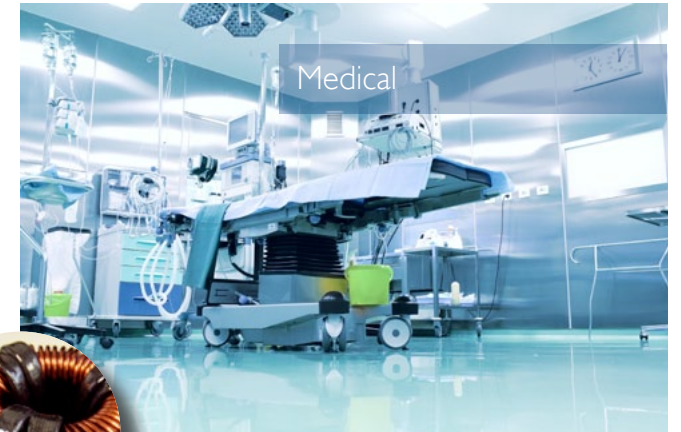
E- Mobility



E-Mobility is a growing market due to the ever increasing number of e-vehicles in commercial and private segments. E- vehicles are also more and more used in industrial applications due to their efficiency and zero emission advantages. Kleintges works actively together with European e-mobility companies. Our aim is to deliver them very high performing components for fast charging applications. These are infrastructure applications where Kleintges quality components excel over a very long lifetime.

To the benefit of all human beings the medical equipment industry has taken very large steps in terms of technology in the last 30 years. Kleintges originally started by supplying this segment and has remained a reliable supplier to the medical equipment industry. Due to our roots in this industry, we know what it takes to supply transformers and inductors to the highest standards. We are proud to supply such a demanding industry segment uninterrupted since over 40 years.

Medical

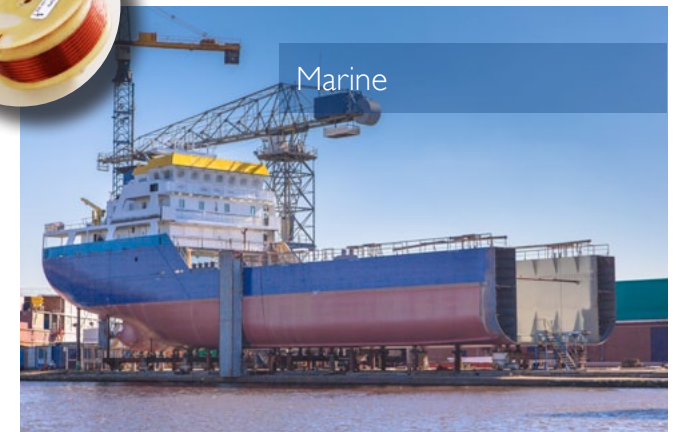


Another highly demanding segment we intensively work with is the Oil & Gas segment. Kleintges supplies Oil & Gas equipment manufacturers with transformers and inductors. We are familiar with very demanding requirements. Oil & Gas industry is a highly innovative industry with technologically demanding applications. We like taking on tough challenges and offer our customers the best possible products and service.

Oil and Gas



Marine



The shipbuilding industry has experienced a major technological transformation in the last 20 years. Electrification in all areas of marine vessels is driving this industry to higher efficiencies. Marine industry classification societies specifications do place tough requirements to suppliers and reliability and safety of the systems are paramount. Due to our quality processes we can deliver long lifetime, safe and reliable components to this strongly technologically developing industry.



