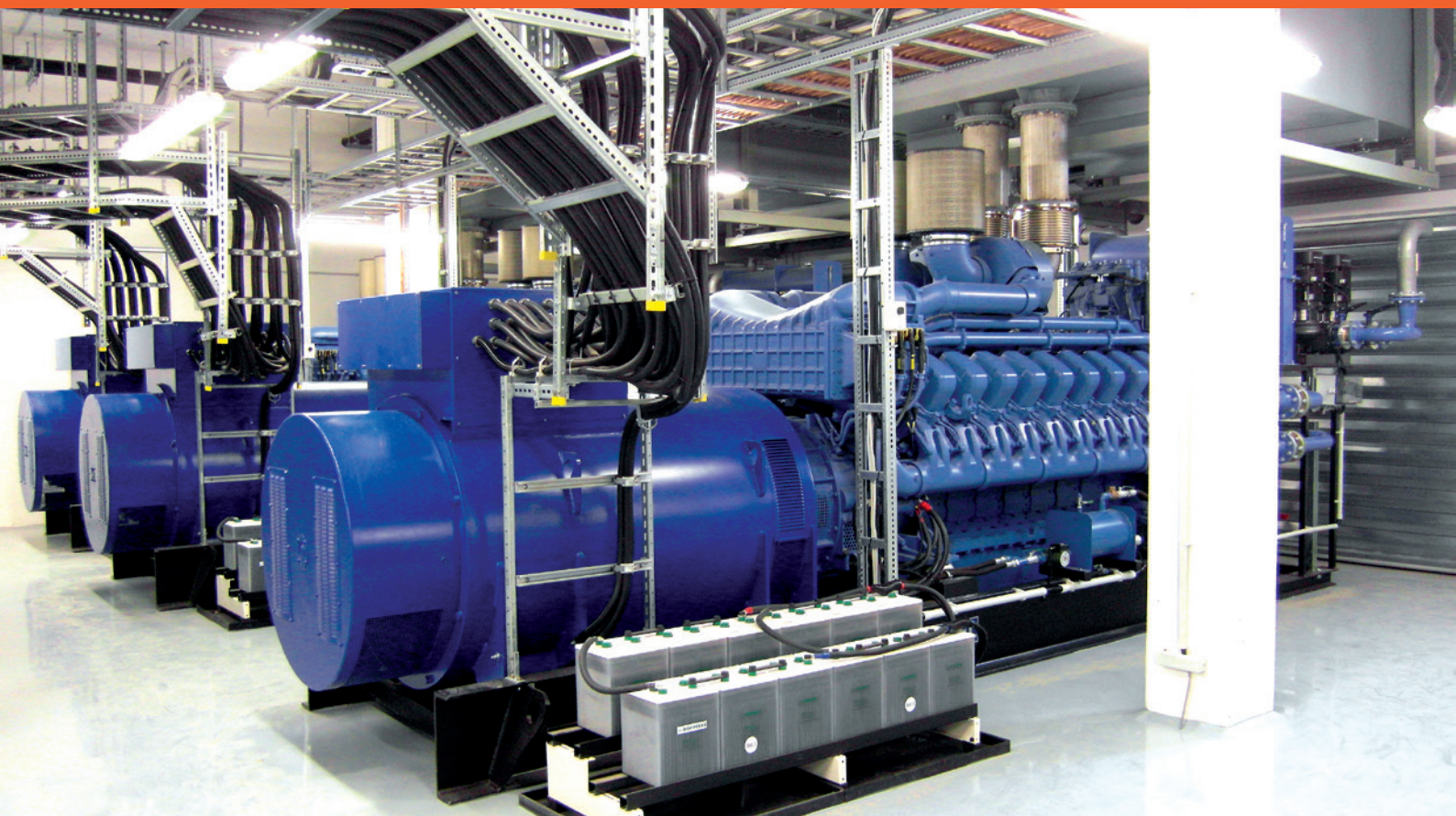




Customer-specific solutions



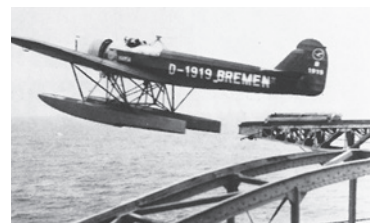


MILESTONES IN THE COMPANY'S HISTORY

1922 Ernst Heinkel forms the aircraft plants in Warnemünde.



1932 The company is regarded as being Mecklenburg's largest industrial enterprise and has more than 1,350 aviation patents and around 590 industrial property rights for engines. Production is located in Rostock, Oranienburg and Berlin-Reinickendorf. Heinkel developed by far the fastest passenger aircraft in the world at that time in the form of the HE 70.



1939 Flight with the He 178, the world's first jet aircraft.

1950 New start in Stuttgart. The company builds two and four-stroke engines, motor and cabin scooters. Launch in Berlin-Reinickendorf as an independent, brand-free manufacturer of diesel power generators, floodlight and switchgear systems to control power generators.

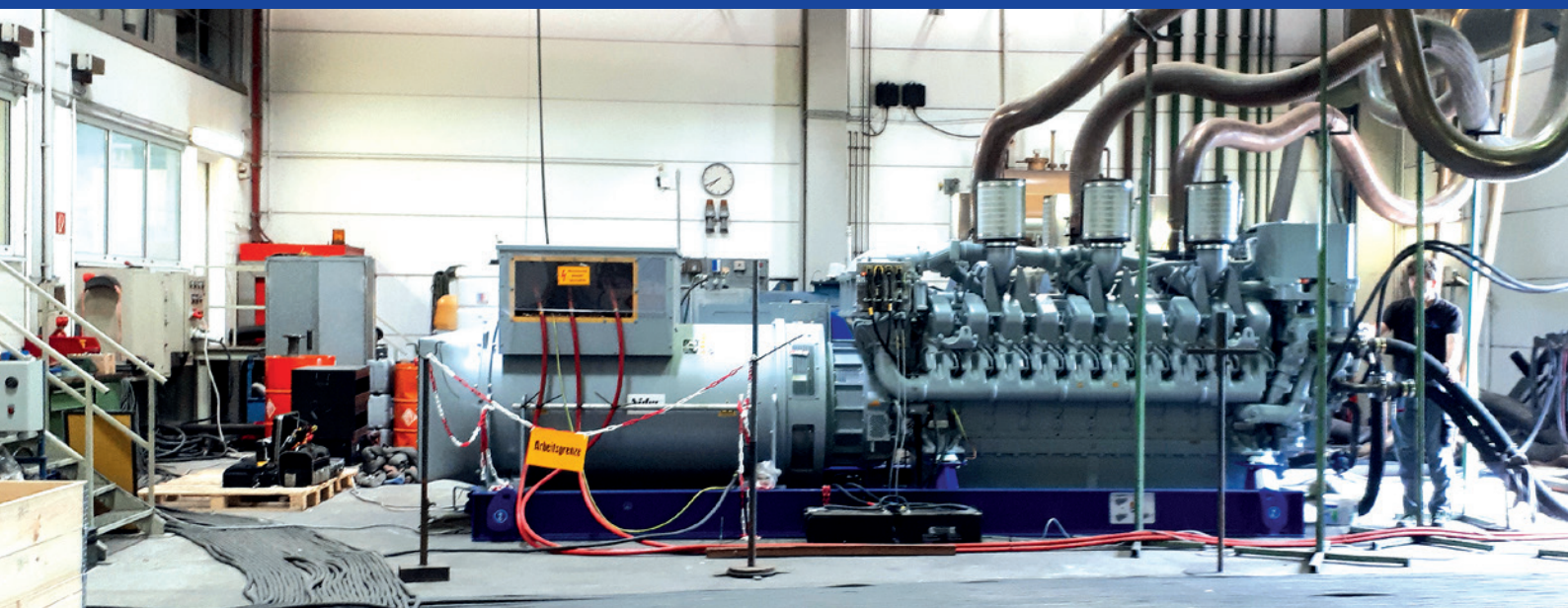


1998 The company positions itself as a system supplier for gas turbines and UPS systems.



2020 Today, Heinkel generators are sold worldwide and supply our customers reliably.





OUR PRODUCTS

- » Emergency diesel generators
- » Continuous power supply
- » Uninterruptible power supply (UPS)
- » Gas generators
- » Exhaust gas cleaning technology
- » Fuel cleaning
- » Mobile workshop equipment
- » Turbines
- » Mobile generators and special vehicles



EXPERTISE IS CRUCIAL

Our facility in Berlin has state-of-the-art production technology and also has its own construction department for developing customer-specific concepts using CAD and a latest generation test field with load banks of up to 3 MW. The test field can be used in both stand-alone and also parallel mode. We also perform continuous load tests and dynamic testing here.

UNCOMPROMISINGLY GOOD

Our products are of excellent quality. This is ensured by factors including a consistently employed quality management system along the entire production chain. Beside our extensive function and monitoring tests, we are also precisely testing the full scope of our deliveries.

Since 1995, all of our generators have had the mandatory CE labels, and a declaration of conformity according to the EC machinery directives.





EMERGENCY DIESEL GENERATORS

We produce power generators of 10 to 3,5000 kVA for our customers and also mobile power generators of up to 3,000 kVA that are housed in containers. The fact that we are independent of specific manufacturers and brands means that we can always react flexibly to our customers wishes and requirements, and offer them customized solutions.

Our products also include emergency diesel generators of between 10 and 3,500 kVA. Our range includes both low-voltage and also medium-voltage systems. Higher load demands or enhanced reliability by redundancy can be realised by using flexible multiple systems.

We supply systems for stationary use and as mobile solutions. Only top-quality machine components from leading manufacturers are used.



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CONTINUOUS POWER SUPPLY - POWER STATION

Our generators can be used in parallel mode. They are equipped with a 2/3 coil to suppress harmonics and avoid neutral currents. They can be supplied as diesel, heavy fuel or gas systems for low and medium voltages. Our systems are safe and guarantee long deployment periods with fast and medium-speed motors.

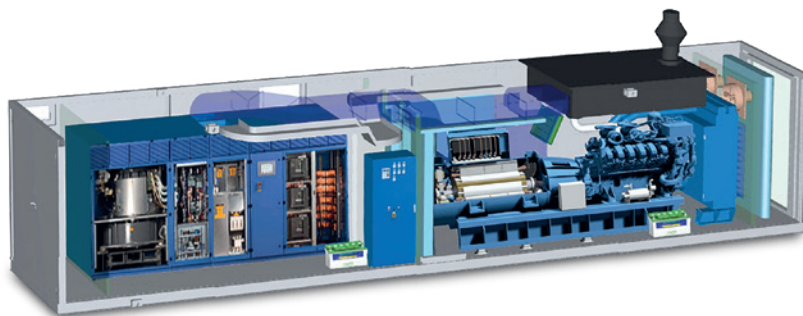
Heinkel's power generators are the cleanest of their kind with the safest operation. Their workmanship, useful lives, operating safety and environmental compatibility are well-known around the world.



UNINTERRUPTIBLE POWER SUPPLY (UPS)

The quality, performance and reliability of an electricity supply are key factors for its efficiency and cost effectiveness. We offer turn-key energy solutions, including for highly complex systems. The heart of our rotating UPS systems is the flywheel energy storage.

Our systems are ideally suited for use in hospitals, airports and other security-relevant institutions. The excellent acoustic insulation means that these systems can also be used in noise-sensitive areas.



GAS GENERATORS

Heinkel's gas generators, which are used for the decentralised production of electricity with or without combination of heat extraction (for example in CHP plants) are both energy efficient and environmentally friendly. We supply industrial and agricultural customers as well as municipal utilities companies and other energy suppliers.



ENVIRONMENTAL ENGINEERING

Our product range also includes soot filters that exceed legal requirements for emergency diesel generators which have a value of less than 5 mg/Nm³, and which can be obtained in various forms.

Special fuel filters with water separators ensure a 100% solution to the water and dirt problem with a patented system and thus ensure the functionality and longevity of the engines.





SWITCHGEAR SYSTEMS

Heinkel's power generators are equipped with state-of-the-art switch and control gear systems. From engineering to commissioning Heinkel always clearly focuses on the customer's exact requirements and are thus application specific. The bandwidth ranges from simple control systems for emergency generator

sets through to complex controls for end-to-end diesel or gas power plants. We use components from well-known, certified manufacturers, which means that we can always guarantee the ultimate in supply security and cost effectiveness.



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info@sm-recycling.de

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CONVINCING REFERENCES

The large number of projects we have successfully realised provide clear evidence of our top-quality performance and our first-rate products and services. We have the best references in various segments, e.g. banks, public services/authorities, data centers, insurances, telecommunications, hospitals, department stores, and cultural/ facilities/institutions.



Exhibition Center Berlin – City Cube – 800 kVA



Charité Berlin (University hospital) – 1,300 kVA



German State Opera – 1,600 kVA



German pension insurance – 1,150 kVA



Data center Bautzen – 2,800 kVA



Velodrom Berlin (Event location and Cycle track)– 1,200 kVA

You can find more references
on our homepage:
www.heinkel-systeme.de





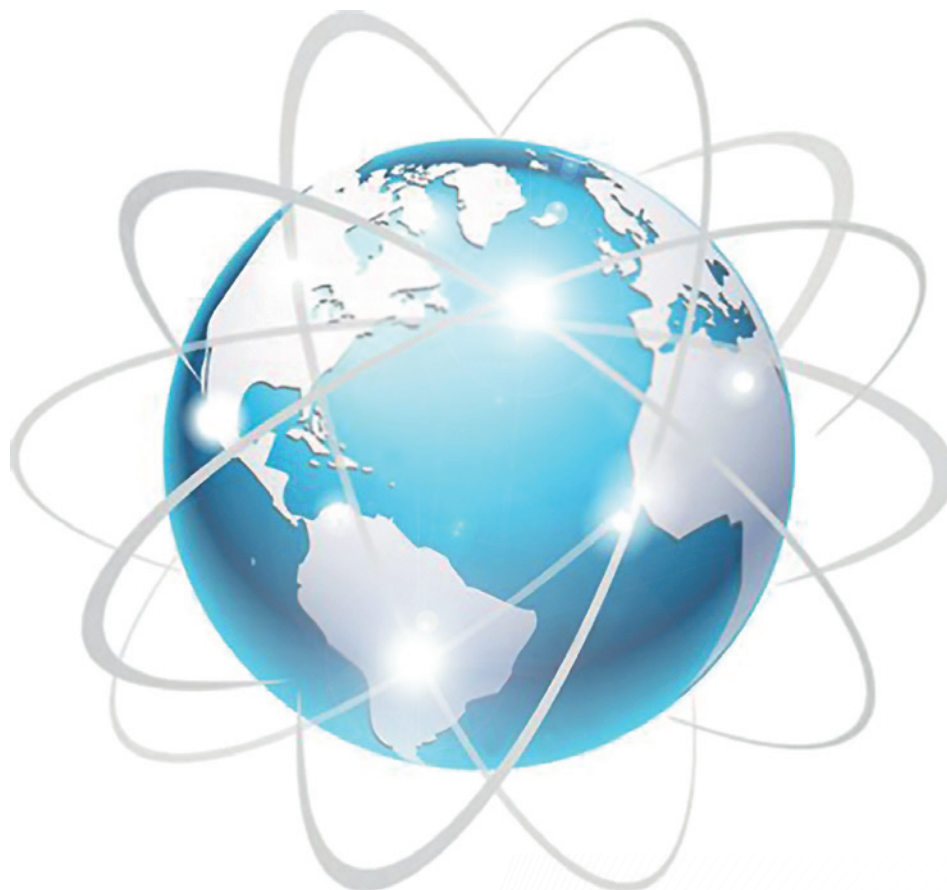
WORKING FOR YOU – WORLDWIDE

We have been a partner for various industries for many years, and we have far-reaching experience and expertise in supplying energy and emergency power systems all over the world. We supply customers in a wide variety of sectors worldwide with state-of-the-art solutions and products from well-known German manufacturers. We offer you all-inclusive, end-to-end service.

From conception, production and assembly through to international sales, including our wide-spread after sales service - we are your one-stop-shop. Our customers appreciate our rapid and direct services also as our flexibility as an independent and reliable supply partner.

Foreign
Agencies





A TRIED-AND-TRUSTED NETWORK

We know our client's local requirements and their special characteristics, and we are always pleased to meet these with our customized solutions. Heinkel provides technically demanding products that are "Made in Germany".

During the past few decades, we have established an international network of tried-and-trusted partners. We work closely together with our partners and trust in their expertise and experience.

Heinkel and its partners are your specialists for energy supply projects and for the supply of high-quality technical components, made in Germany.

We look forward to providing you with details of our international references.



Just give us a call or visit us online:
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