

# Power Systems

## Enclosures & Ventilation/Air Intake Systems



**FAIST**  
**ANLAGENBAU GMBH**

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*Enjoy the Silence*

# Our Motivation: much more than just less noise.

We provide noise protection that is tailored to the needs of your energy systems and power plants. Our noise-protection can be used, for gas turbines, steam turbines, cogeneration plants, small power stations, transformer stations, refrigeration plants, etc. We are also a strong partner for Air Intake Systems,

where FAIST Power Systems live up to their name. We have developed powerful Air Intake Systems in modular design. Along with our standardized systems, you can equip your FAIST Air Intake System with any needed additional applications.



# Powerful noise reduction.

FAIST noise enclosures for power plants are multifunctional. Using the latest technology, they lower the noise level of power plants to the legally-stipulated acoustic level. It is good to know that FAIST sound proofing systems are planned in 3D. Even in the planning phase, our flexibility will win you over and you can easily perform clash checks

in your overall model. When planning your system we take into account sufficient enclosure ventilation under the relevant environmental conditions, as well as accurate dimensioning of silencers. Our long-standing experience in noise protection for power plants has allowed us to develop a sound proofing system that will certainly fulfill your requirements.

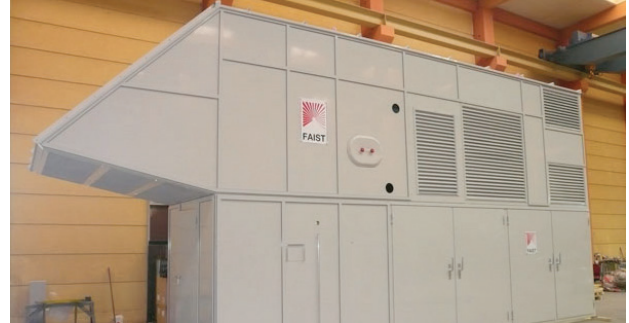
**Our products are custom-fit to various applications:**

// Gas turbines // Generators // Ventilation  
// Steam turbines // Bop Skids



# Compact Packages.

For smaller power range, our Compact Packages are the smart sound proofing solution for you.



Clean room & safety requirements:

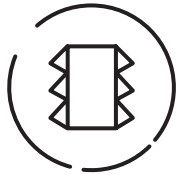
- // we reduce the hazard of soiling and the resulting of damage to a minimum
- // we only use explosion proof components

- // installation within three workdays
- // all components are pre-assembled
- // customized ventilation

# Transformer Stations.



- // for lower frequency soundscape
- // FAIST noise barrier walls have proven themselves in noise protection at substations
- // adapted to the topographical conditions
- // quick installation into the transformers of the substations
- // we simulate different solutions for noise protection prior to design and during acoustic consultation.



# Air Intake Systems.

// New Builts // Retrofits // Upgrades



Static Filtration



Pulse Filtration

Add-Ons e.g.

## **Anti-icing systems with**

- // Hot compressed air
- // Heat exchangers (water/glycol; electric; infrared)
- // Trace/Vane heated Droplet Catchers

## **Enhancing performance of gas turbines through**

- // Wet compression systems
- // Evaporative-cooler systems
- // Chiller Coil installations



Filterhouse Upgrade from 2 to 3 Levels; Installation of EvapCooler for 2 Units F-Class

**Service and maintenance from FAIST.**

Just dial

**+49 8282 8880-100**

for Enclosures & Ventilation.

**+49 421 708310-10**

for Air Intake Systems.

We are here for you.

# We make the world a quieter place.

We are a medium-sized business with over 300 employees and more than 110 years of experience. Founded in 1904 as a manufacturer of building products, FAIST has become a system provider for plant engineering and the automotive industry. We protect people and the environment in many branches of industry with our core competence acoustics and filtration.



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