



Solutions for a quieter world

Meet the experts: G+H Noise Control



G+H Noise Control is one of the leading companies in the technical acoustics industry. Our solutions are the result of over half a century of research, development and project experience. We are there for you in every corner of the globe. You will find us in power plants and industrial plants, factories and production sites, measuring rooms and test facilities – anywhere where the environment must be protected from noise and vibration.

G+H Noise Control is a full-service provider. Our service portfolio covers all aspects of technical acoustics – from analysis and application-oriented development in our own acoustic laboratory to consultation, planning, project management and turnkey implementation.

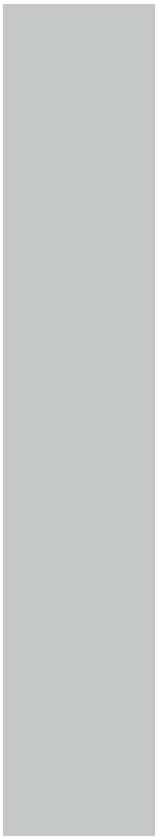
In addition G+H Noise Control makes integrated solutions a reality. In industrial plants in particular, our services and expertise extend far beyond noise control alone.

We plan, design and install complete system components such as intake and exhaust gas systems that play a key role in the operation of gas turbines.

Our projects worldwide are coordinated in our headquarters in Mannheim, Germany. The company is certified to DIN EN ISO 9001:2000. G+H Noise Control thus combines flexibility with all the resources and potential of an international company.

G+H Noise Control is part of the international VINCI S.A. group, the world's leading company for concessions, construction and related services.

No matter the scope of your project, when you choose G+H Noise Control, you can be confident you are gaining an expert partner you can rely on.

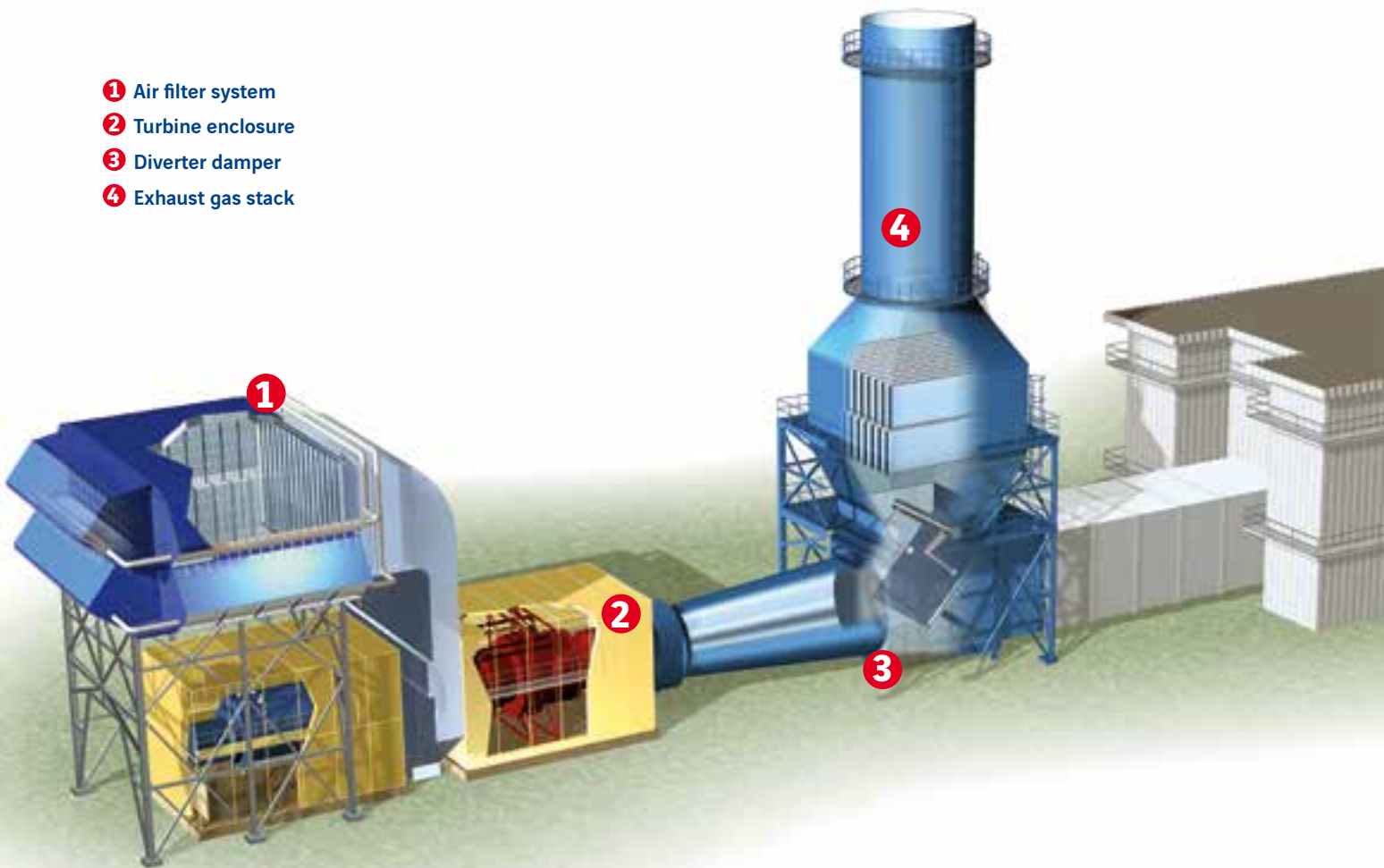


S I C H E R H E I T S
C E R T I F I K A T
C O N T R A K T O R E N



Power plant components from G+H Noise Control reduce gas turbines to a whisper

- ❶ Air filter system
- ❷ Turbine enclosure
- ❸ Diverter damper
- ❹ Exhaust gas stack






Industrial system components from G+H Noise Control are used in power plants across the globe. Our services range from engineering to delivery ex works and turnkey installation – anywhere in the world. Our solutions are tailored to each individual system according to the specific requirements of our customers.

Our components deliver far more than noise control alone. As an experienced supplier for power plant construction projects, we provide complete units for gas turbine power plants covering the whole spectrum from new buildings to retrofitting and modernization projects.

- Intake systems and filter houses from G+H Noise Control ensure combustion air achieves the levels of filtration necessary for efficient operation of the gas turbines – no matter which climatic zone the power plant is located in.
- Exhaust systems and complete exhaust gas stacks constructions from G+H Noise Control reduce noise emissions from gas turbines both effectively and economically.
- Acoustical enclosures from G+H Noise Control ensure efficient insulation of turbines and other noisy machines.
- Silencers from G+H Noise Control are extremely efficient in reducing noise emissions, even when dusty media, extreme temperatures and flow conditions are involved.

G+H Noise Control is the name the automotive industry can trust

 G+H Noise Control brings together the extensive skills and expertise that G+H Noise Control can offer the automotive industry. Top-name automobile manufacturers and suppliers put their trust in G+H Noise Control. They know they can rely on us because our solutions built on years of experience as an industry leader and are carefully tailored to the specific needs of the automotive industry. What's more, we provide these solutions from a single source, thus eliminating costly, time-consuming interfaces.

Take us at our word – we are a full-service provider. And it is our customers who reap the benefits of this, as the comprehensive range of skills and services offered by G+H Noise Control can save you both time and money.

- Planning
- Detail engineering
- Basic engineering
- Research/development
- Consultancy
- Delivery, logistics and installation
- Monitoring of manufacturing and installation
- Repairs and services

The product portfolio of G+H Noise Control features all the acoustic elements currently on the market, and, when special requirements are involved, the range is also expanded with our own, project-focused innovations. Our own database guarantees the best possible selection of products.






- Absorbing wall and ceiling linings
- Sound-insulating wall, enclosure and quiet room panel elements
- Sound-insulating doors, gates and control-room windows
- Broad band and resonant absorbers
- Silencers for all media
- Structure-borne sound and vibration elements
- Test facilities
- Wind tunnels
- Acoustic measurement rooms
- Reverberation rooms
- Studios
- Quiet room panels
- Enclosure systems

G+H Noise Control offers a full portfolio of services in technical acoustics, specially geared towards the requirements of the automotive industry, and making us a preferred partner for the design of turnkey systems and plants.

Why not put us to the test? We are ready to tackle any challenge, particularly complex and specialized projects. As a specialist service provider to the automotive industry in all aspects of technical acoustics, we can also carry out flexible, project-oriented development work using our own research and development laboratory.



Customized concepts from G+H Noise Control cut noise levels at work

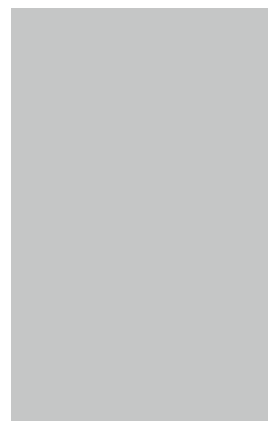
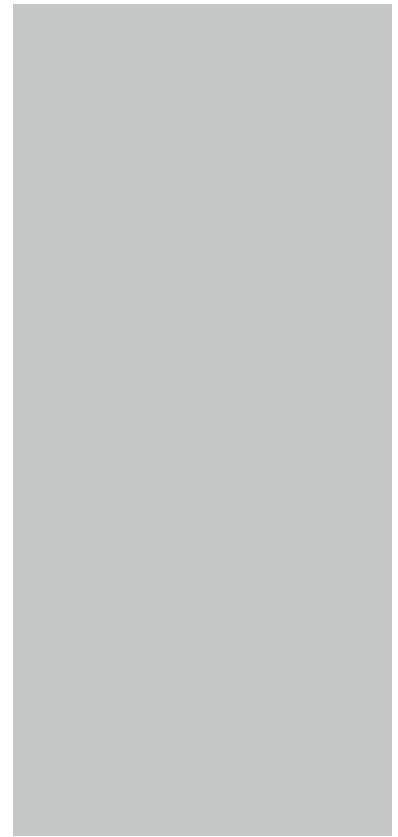
 Industrial manufacturing processes generate a considerable degree of noise. However, with technology from G+H Noise Control, noise can be reduced to the prescribed levels efficiently and accurately.

Our tried-and-tested systems are modular in design. You can always rely on us to find the best solution for you.

- G+H acoustical enclosures insulate and absorb sound using highly-efficient structures at the source of the noise.
- G+H acoustic cabins create an oasis of peace for those exposed to noisy environments. As switch rooms and control centers, they facilitate focused, concentrated work and, if used as recreation rooms, they create an atmosphere conducive to rest and relaxation.

- G+H absorber systems such as wall and ceiling linings, acoustic screens and compact absorbers improve room acoustics and provide efficient protection against damage to hearing.
- G+H components such as doors, gates, partition walls and control-room windows mean that noise simply doesn't stand a chance! They combine functionality and attractive design with outstanding sound insulation.
- G+H vibration insulation elements provide highly-effective protection for people, machines and buildings against structure-borne sound and vibrations.





No jet is too much of a challenge for G+H Noise Control aviation test facilities



> Noise control systems for jet engine testing facilities in the aviation industry have to cope with very extreme conditions. As the world's leading provider, G+H Noise Control offers a full portfolio of services from consultancy and project management to turnkey systems.

Even the largest commercial aircraft in the world – the Antonov A 124 and Airbus A 380 – can be accommodated in the fully enclosed run-up pen at Halle-Leipzig Airport, which was completed in December 2007. G+H Noise Control was in charge of all noise control aspects of the test facility. Similarly, we fitted the noise control halls at Hamburg and Munich airports – both structures are also designed for large aircraft.

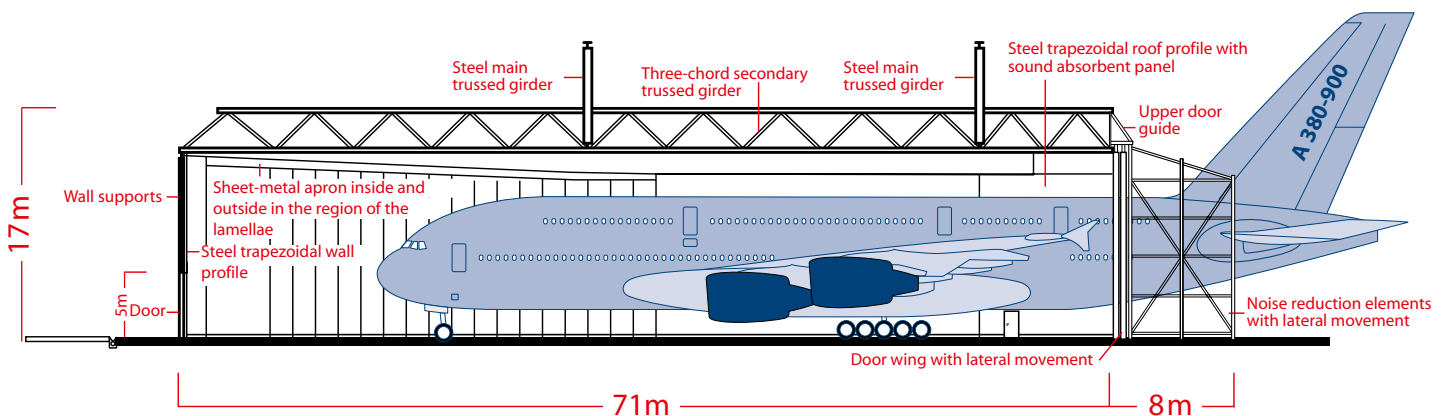




We plan, deliver and install military hush houses that are specially designed to cater for the dimensions and jet engines of military jets. We also create test cells for new and overhauled jet engines that have not yet been fitted. As complete turnkey solutions, hush houses and test cells contain the full range of functional components from air

intake systems, exhaust gas systems and flow guide vanes to fueling and fire extinguishing equipment.

G+H Noise Control is one of the true pioneers of aviation noise control. The first noise control hall for aircraft was established in Hamburg as far back as 1962.



Turbines at full throttle with systems from G+H Noise Control



> Small and medium-sized gas turbines deliver high levels of performance and rapid reactions and are suitable for a wide range of applications.

G+H Noise Control shares these qualities, making us the ideal partner for a globally expanding market.

Gas turbines outside the heavy duty segment are used in decentralized electricity generation, supply process heat for industry, provide heat energy for district-heating distribution systems and drive the compressors in pipeline compressor stations. We develop, design, plan, deliver and install noise reduction units and sound-insulating system components for such systems.

- Intake systems: Filter houses, silencers, intake ductwork , anti-icing
- Turbine noise control: Sound enclosures with H&V system
- Exhaust systems: Exhaust gas and bypass stacks, diffusers, exhaust silencers, exhaust gas ductwork (internally insulated)



G+H Noise Control: Definitely the right choice



Know-how, reliability, flexibility and a service-oriented approach – at G+H Noise Control, the needs of our customers always take top priority.

Our customized industry solutions, global experience and accumulated expertise ensure our customers can enjoy absolute peace of mind. G+H Noise Control provides a complete service portfolio, offering planning, engineering, manufacturing and installation all from a single source.

For us, the customer always comes first. Our professional project management ensures all processes are carried out smoothly and efficiently. Our own cutting-edge production capacities and expert suppliers deliver the highest levels of quality and ensure flexible manufacturing that fulfills all the requirements and deadlines of the project in hand. When it comes to international projects, G+H Noise Control can also access a worldwide network of suppliers, enabling local production of large-scale and special components.

G+H Noise Control is also there to provide support and service even after the startup stage is completed. We are always available to assist with any questions or problems that may arise, and you can naturally put your trust in us when it comes to inspections and maintenance.

G+H Noise Control – leading the field for over 50 years. You can rely on us.





G+H NOISE CONTROL

Customized Engineering Solutions



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