



FACTORY MADE MODULAR STAINLESS-STEEL EXHAUST SYSTEMS AND FREESTANDING INDUSTRIAL CHIMNEY STACKS

Jeremias your partner to cover all your smoke exhaust needs in the commercial and industrial sector

More than 50 years' experience consolidate our global leadership.

Jeremias Chimney Systems is a European industrial group specialised in manufacturing **Pre-Fabricated modular stainless-steel Exhaust Systems and Freestanding Industrial Chimney Stacks**.

We are specifically dedicated to large infrastructure and commercial buildings providing exhaust solutions to Generator sets, DRUPS and large boilers with our **high temp, high pressure exhaust systems** for a safe discharge.

Jeremias Group has over **50 years of experience** founded in Germany, the company now has **9 production sites in Europe including two in the UK** with 1 in North America and we are represented in more than 60 countries worldwide.

Jeremias is a world renowned in the Data Center industry providing the factory-made stainless-steel exhaust systems as well as freestanding industrial chimney stacks for the **exhaust of the Emergency standby power Generator Sets**

The Jeremias Group offers **technical support** during all the different project stages, providing **calculation and design in various formats including Revit MEP BIM compliant format**.

The Jeremias Group has experience in **Data Centre** buildings and can provide project **references worldwide**.



60

Sales Network in 60 countries



150.000

Biggest product portfolio of the market



9

9 production plants



1.900

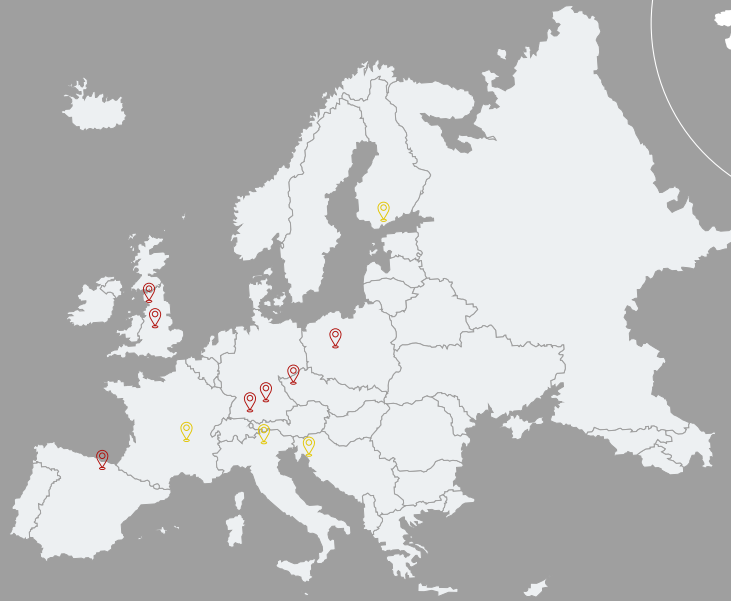
More than 1.900 staff members



Anywhere in the world



Jeremias has 9 industrial plants in Europe and North America.
We operate in more than **60 countries** worldwide.



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Professional partners

Jeremias products are designed for installation companies, engineers, and M&E consultants. The professionals in the sector rely on the design and quality of Jeremias chimney Systems!

Engineering & Technical support

Jeremias provides all necessary technical and design support, 2D and 3D BIM drawings, sizing and back-pressure calculations, making the project easier to manage. The installation of the exhaust piping is completed successfully, on time and in line with the budget.



FACTORY MADE MODULAR STAINLESS-STEEL EXHAUST SYSTEMS

Pre-fabricated exhaust systems are easy to handle and available with a wide range of fittings such as elbows, terminals and tees, all of which simply push together. They are easily assembled and supported with purpose designed support brackets. These systems, which can be used internally and externally,

are certified to EN 1856-1 and -2.

Stainless steel systems tend to be used in existing buildings that do not have a chimney and extensions, because they do not require a dedicated foundation and can be easily retrofitted.



Main features

- **High quality corrosion resistant stainless-steel system components.**
- Robust and secure push-fit joint design construction.
- **Easy to install by local semi-skilled labour with no need for welding on site.**
- Speed of installation; 1/3 of the standard piping installations.
- **No need for silicone gaskets or sealants for a pressure up to 15.000 Pa.**
- Suitable for continuous exhaust gas temperatures up to 600 °C.
- **Pressure tightness GUARANTEED by metallic joint in the inner tube of the system.**
- High density rigid insulation with 120kg/m³ density.
- **Fully approved with 4-hour fire rating to BS 476/20.**
- CE certified by TÜV SÜD in Munich.
- **25 Years corrosion guarantee.**

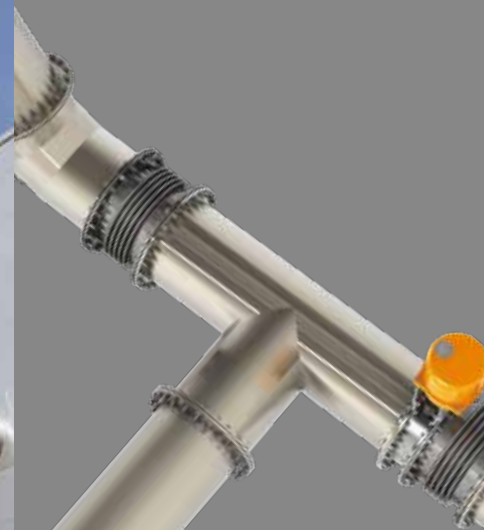


Industrial Chimney Stacks

Design, engineering, and manufacturing of self-supporting chimneys and industrial gas exhaust systems.



Connecting pipes



Besides the extensive range of modular stainless steel chimney systems, Jeremias presents „Jeremias Industrial solutions“, a specific department for the engineering of industrial installations, providing solutions for the exhaust of smokes and gases for large Heat and power installations.

Jeremias Industrial focuses on calculation, 2D and 3D design, manufacturing and assembly of self-supporting chimneys, metal structures, silencers and connections, providing solutions for all types of complex installations.

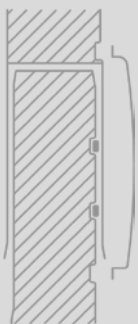
Jeremias Industrial is the ideal engineering partner for the industry offering a comprehensive service by highly qualified professionals in the field of smoke and gas exhaust, providing all the necessary technical resources to give life to large industrial projects.

Jeremias offers different connecting pipes, welded or flanged on-site or pre-fabricated modular systems to connect the equipment outlet to the Industrial chimney. Due to specific requirements of the industrial process, the connecting pipe may contain numerous changes of direction, points for sampling, clean-out openings, drains, compensators, valves etc. After a site survey or receipt of customers model drawings Jeremias Industrial Division designs the ideal solution for each specific project including all necessary accessories.

The whole process; calculation, design, manufacturing and assembly are controlled by a single company, avoiding potential coordination errors.

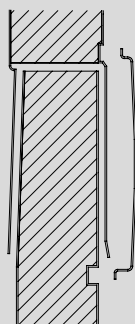
MODULAR CONNECTING PIPE

DW-POWER



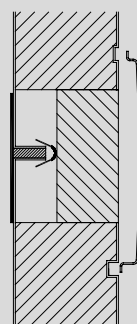
Male-Female push fit connection with external gaskets, secured by locking band 2.0

DW-KL

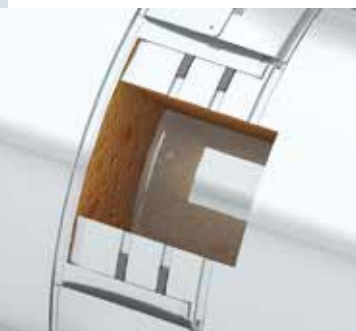


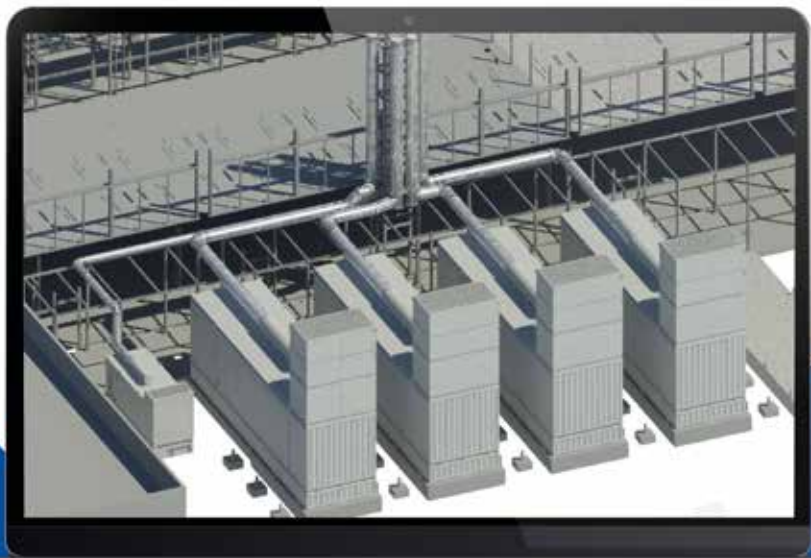
Conical Male-Female push fit connection secured by locking band 2.0.

DW-FS



Flange connection secured by internal V-band and locking band 2.0 in the external.





Professional tools for professional companies

Jeremias offers all technical tools you need for your projects: catalogues, BIM objects, free software, reference projects, technical resources for your daily work, installation videos, instruction manuals, technical manuals and much more.



Jeremias, the first chimney manufacturer providing full **BIM design package!**

JEREMIAS is the only chimney manufacturer that has achieved BIM Level 2 with its product families.

Jeremias does not only have a library of products, but due to the complexity of the design of modular chimneys (coming from the large number of components in each installation) Jeremias has developed a REVIT plug-in specifically developed to facilitate the design of complex Exhaust system projects in the Autodesk Revit environment.

JEREMIAS thus reinforces its vocation to develop the best tools to facilitate the work of engineers and designers in everything related to complex modular exhaust systems.



BIM

System tested no extra fire rated cladding necessary

- Fire rating is a major requirement in the construction industry, Jeremias has successfully tested their exhaust systems under different international standards for “Stability”, “Integrity” and “Insulation” Including:
- 4 hours fire rated in accordance with BS 476-20 for DW-ECO, DW-KL and DW-FS systems.
- EI-30, EI-60, EI-120 and up to EI-240 classifications for modular ventilation duct systems according to EN 13501-3.
- EI180 classifications for modular exhaust systems for generators tested according to EN 1366-13..

We have experience behind us!

The wide variety of our solutions has allowed us to collaborate with important commercial and industrial projects, with leading companies in very diverse sectors and in continuous coordination with consultants, large engineering, and construction companies.

More than 100
Data Centres in
the world rely on
Jeremias



WE are the
Worldwide reference
for the Back-up
generator set
exhaust systems in
large IT and Data
centre buildings.



USA | Ukraine | UK | UAE | Turkey | Tunisia | South Korea | Switzerland | Sweden | Spain | South Africa | Slovenia | Slovakia
| Serbia | Saudi Arabia | Romania | Qatar | Portugal | Poland | Norway | Netherlands | Mexico | Malta | Luxembourg | Lithuania
| Liechtenstein | Lebanon | Latvia | Kazakhstan | Japan | Italy | Ireland | Hungary | Greece | Germany | France | Finland |
Estonia | Denmark | Czech Republic | Croatia | Colombia | Bulgaria | Brazil | Belgium | Belarus | Austria | Arabi | Argentina

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