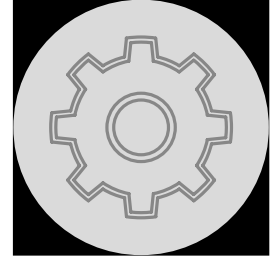


Solutions for efficiency increase for process industries

Rosink



Werkstätten

**Your specialist for Heat Exchangers,
Finned Tubes & Boiler Cleaning Systems**





● About us



**40+
years of
experience**



Certified manufacturing

ISO 9001, ISO 14001, ISO 45001, ISO 50001, SCC
e.g. DIN EN 12952, DIN EN 12953, DIN EN 13445



**150
employees**

**Belonging
to the**



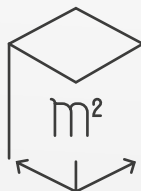
WERKSTÄTTEN GROUP



**Internationally
successful**



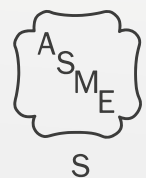
**Own research and
development department
Patented technologies**



**Site area: 80,000 m²
Storage area: 11,600 m²
Production area: 11.250 m²**



100% Made in Germany



Our products are our passion

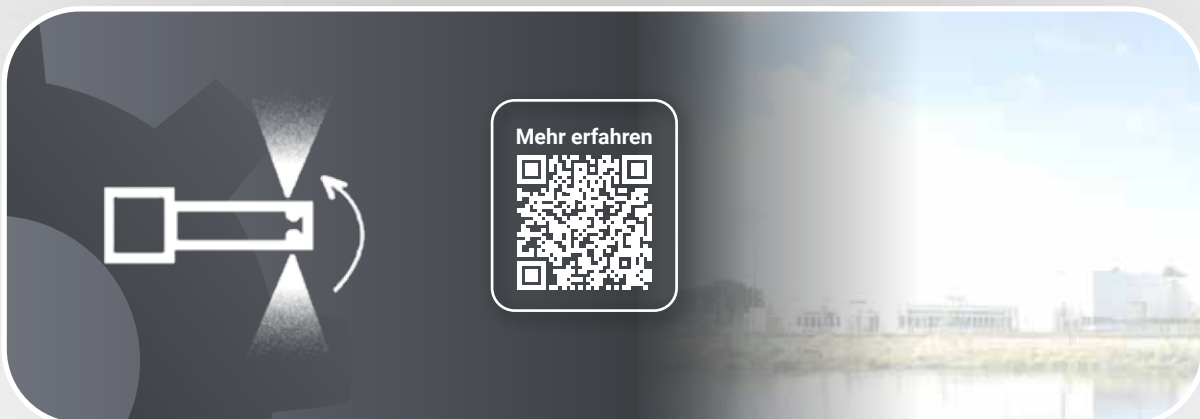
Heat Exchangers / Heat Recovery Systems



Finned Tubes



Boiler Cleaning Systems





Heat Exchanger

Flue gas heat exchangers use a cooling medium to extract heat from the flue gases which would otherwise be lost to the environment. Heat recovery reduces fuel consumption, conserves resources and reduces pollutant emissions. The average pay-back period is about 2 to 5 years.

The heat exchangers, manufactured by qualified and experienced welders and fitters, are calculated and engineered with the help of modern software tools. As a certified specialist welding company, Rosink-Werkstätten guarantees the quality of its products through trained specialised personnel and modern equipment.

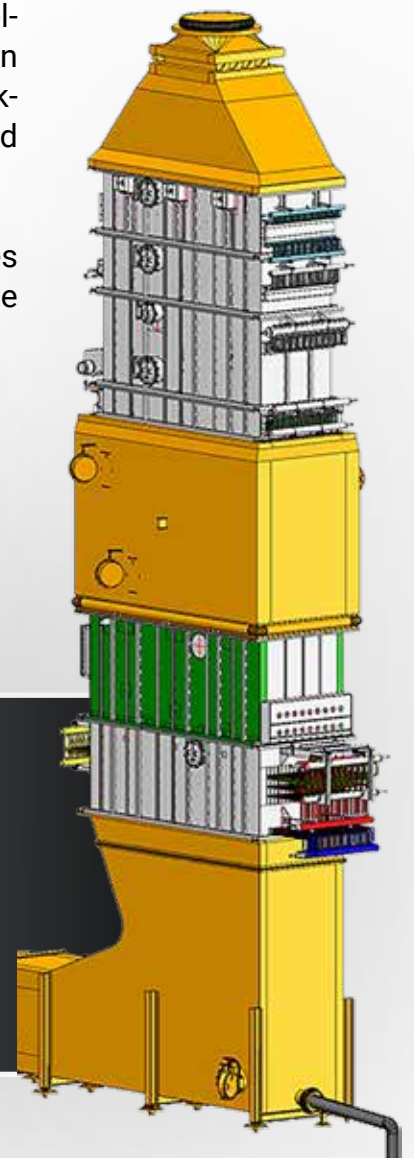
If required, Rosink-Werkstätten offers the entire range from finned tubes to exhaust gas heat exchangers as component or as complete waste heat recovery systems.

Design, development, and manufacture of:

- Waste heat boilers
- Exhaust gas heat exchangers
- Air preheaters
- Heat recovery systems
- Economizers
- Superheaters
- Condensers
- Convection bundles
- Harps
- Other tailor-made solutions

Fields of application:

- Energy
- Oil & Gas
- Food & Beverage
- Chemical industry
- Paper industry
- Crematoria





Finned Tubes

Rosink finned tubes are used in power generation by heat recovery in steam and combined cycle power plants, in district heating and industrial purposes as well as in reactors and furnaces for the chemical and petrochemical industry.

In addition to its large manufacturing capacity, Rosink-Werkstätten has its own extensive pipe and coil warehouse to serve the market quickly and flexibly. The large vertically integrated manufacturing also includes bending machines to save cost-intensive welding and X-ray examination.



Fully Welded Spiral Finned Tubes

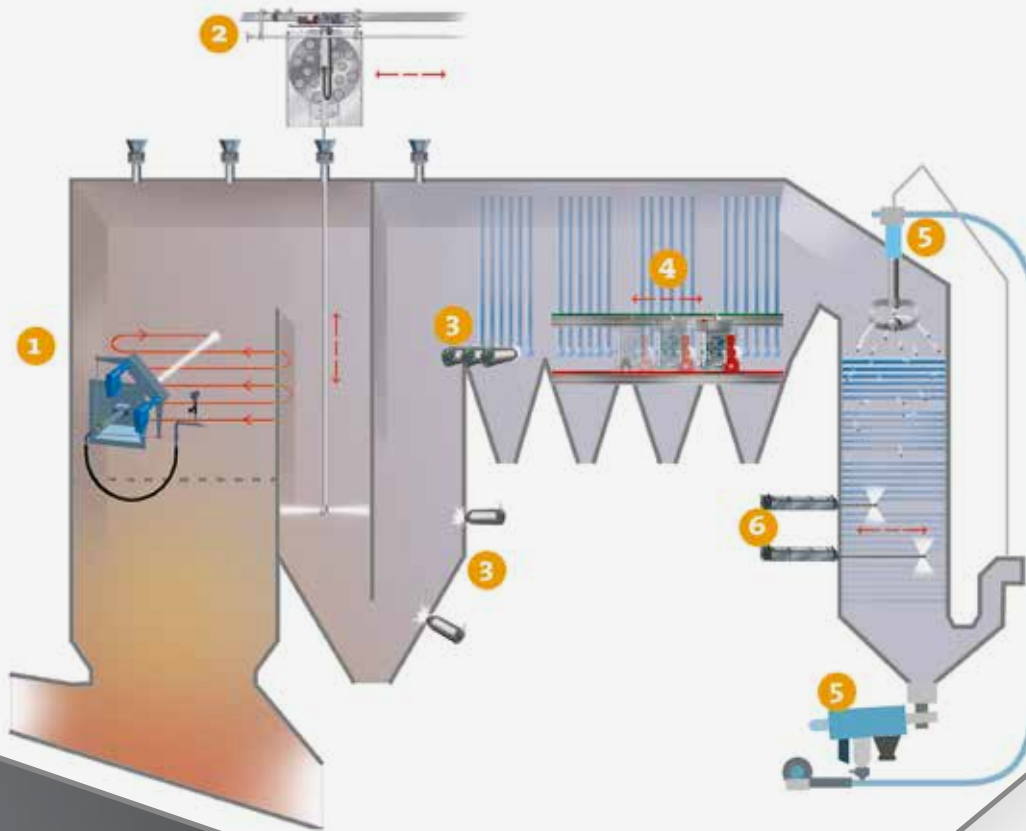
are available with solid or serrated fins. They are welded using either the NOH process (MAG welding with filler material) or high-frequency welding.



Rectangular Finned Tubes

are available as single or double tubes. They are suitable for economizers, especially for dust containing flue gases such as in waste incineration plants, biomass cogeneration plants and coal- or oil-fired plants.





Boiler Cleaning Systems

The comprehensive cleaning concept for waste and biomass incineration plants



**1 RWC
Water Cannon:**

Fully programmable water jet cleaning of the membrane walls in the furnace and in special boiler passes.



**2 RWS
Water Spraying System:**

The efficient, mobile cleaning solution for empty paths with nozzle head oscillation for effective all-round cleaning.



**3 SRS
Single Rapping Cylinder:**

The pneumatic single rapping system for effective cleaning of bundles in horizontal paths with complete control by the PLC/DCS.



**4 PKL
Rapping Device:**

The intelligent, moving rapping system for bundles in horizontal paths with laser positioning system and monitoring function.



**5 KRA
Shot Cleaning System:**

For cleaning horizontal heating surfaces in vertical ducts with circulating mild steel balls that drop from top to bottom over the pipes and loosen the fouling.



**6 RSB
Sootblower:**

The proven technology for cleaning all tube bundle in heating surfaces with steam, water or air in all boiler temperature ranges.

Our strengths distinguish us

In-house control cabinet design, construction & programming

100% production in Nordhorn, high level of vertically integrated manufacturing, in-house quality assurance

Worldwide assembly & commissioning with our own qualified personnel

Own mechanical & electrical engineering

Maintenance of the systems, guaranteed spare parts supply

Customized solutions






Satisfied customers



CLEAN | SAFE | EFFICIENT



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