EKSTRÖMS
VÄRMETEKNISKA



Efficient heat solutions for industrial demands

Experience that drives progress

Ekströms Värmetekniska AB has been working with thermal solutions for more than a century. With roots dating back to 1905, we combine long-standing experience with modern technology to meet today's demands within the energy sector. Our business is fully focused on B2B, serving customers across Europe, primarily within heat & power generation and process industries.

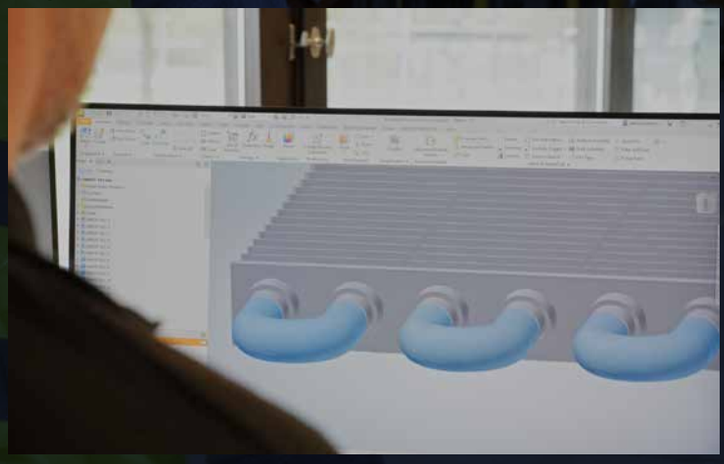


We are a specialized team with strong technical expertise. Our strength lies in quickly understanding customer needs and delivering well-developed solutions with high quality – from the first contact to final delivery. Whether the customer has a clear specification or requires support throughout the entire process, we adapt accordingly. Our goal is straightforward: to deliver products that perform efficiently, last over time and contribute to improved performance in our customers' operations. Through close collaboration and a clear focus on quality, we build long-term relationships with our clients.



From requirement to finished solution

Design and engineering are at the core of our work. We dimension, design and develop solutions tailored to each specific process. For our Fin tube heat exchangers, this means optimizing size, function and performance based on operating conditions and requirements.



According to customer requirements, we produce drawings and calculations. For pressure vessels, we follow applicable regulations and manage the third-party approval process. This ensures that all designs are reviewed and verified before production begins, ensuring both quality and safety, resulting in a CE-marked product

We work with customers who have detailed specifications as well as these who require a complete solution. In the latter case, we take full responsibility – from initial design to final manufacturing documentation.

Our shot cleaning systems are also fully designed in-house. Each solution is adapted to the specific installation, ensuring reliable and efficient performance over time.

Finned tubes for efficient heat transfer

Finned tubes are a key component in many thermal solutions. By increasing the active heating surface area, they enable more efficient heat transfer within a limited volume. The result is more compact and energy-efficient systems.

We supply finned tubes in various designs depending on application and requirements. They are primarily used in heat exchangers but can also be delivered as individual components or spare parts. For customers involved in maintenance or refurbishment, we offer prefabricated units that simplify installation on site.

Our solutions are adapted to operating conditions, temperatures and media. This means each delivery is optimized for its specific application. By combining the right materials, dimensions and design, we ensure long service life and stable performance. Whether the need is for individual components or larger deliveries, the objective remains the same – to provide solutions that improve efficiency and reliability in the customer's system.



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Fin tube heat exchangers

Heat exchangers play a vital role in optimizing energy use in industrial processes. By recovering and redistributing heat, they increase efficiency and reduce overall energy consumption.



We work with several types of Fin tube heat exchangers, including air preheaters and economizers. These are used in boilers and process systems where heating or cooling of gases is required to improve overall performance.

Each solution is dimensioned based on customer requirements. Size, capacity and configuration vary depending on the application – from smaller units to large-scale installations with significant weight and complexity.

We supply both complete heat exchangers and subcomponents, depending on project scope. All products are developed with a focus on functionality, durability and long-term operation. By combining technical expertise with practical experience, we deliver solutions that create measurable improvements for our customers.

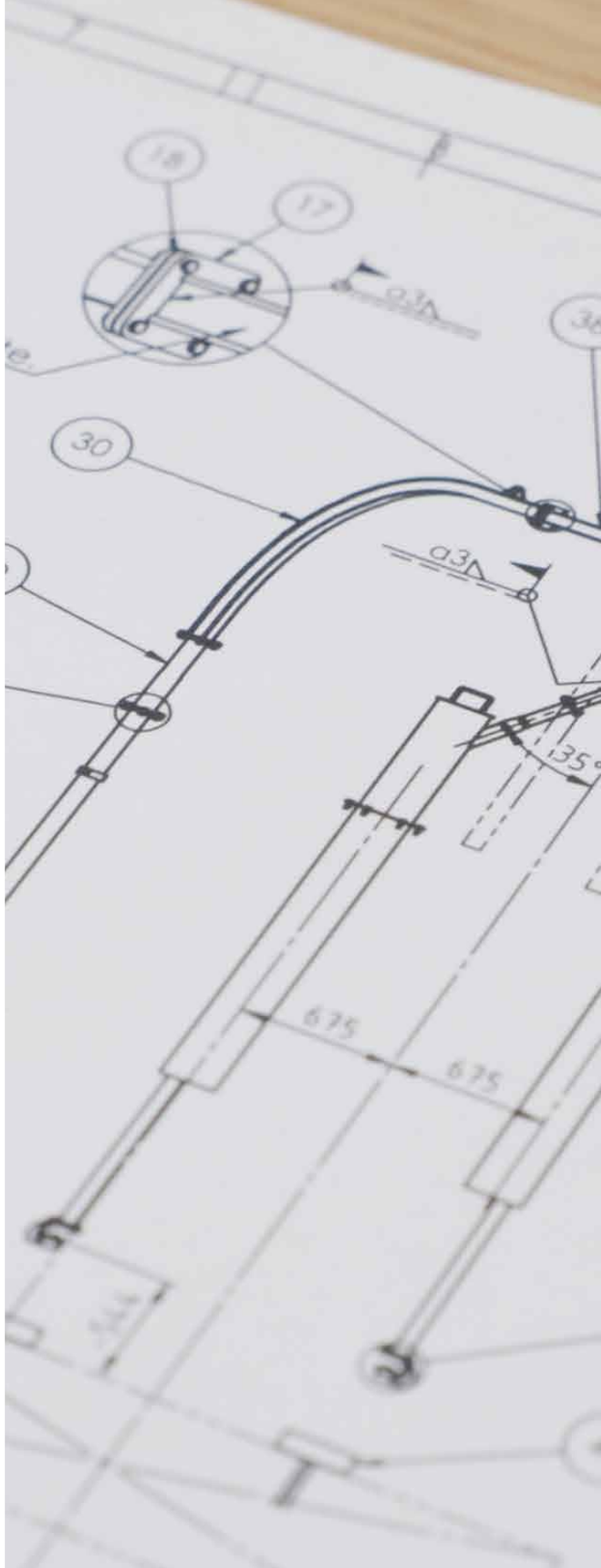
Shot cleaning systems for stable operation

Shot cleaning is an effective method for maintaining clean boiler surfaces during operation. The system is integrated into the installation and removes deposits that would otherwise reduce heat transfer and efficiency.

The process is automated and operates at predefined intervals. This allows the system to maintain optimal performance without manual intervention, saving both time and resources. The Shot cleaning system are mainly used in power plants and industrial boilers, including waste-to-energy facilities. Each system is dimensioned and designed by us to match the specific installation.

Continuous cleaning improves performance and reduces the risk of operational disruptions. This results in more stable and cost-efficient operation over time.

Ekströms Shot cleaning system is a proven technology where we have extensive experience. This enables us to deliver reliable solutions that provide clear value for our customers.



Vi hjälper svensk industri med NDT, personcertifiering och procedurkvalificering

TRK jobbar med oförstörande provning (NDT), personcertifiering, procedurkvalificering, besiktning av svetsade konstruktioner och tankbottenscanning. Verksamheten bedrivs främst i Sverige. Välkommen till oss!

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SWEDAC ACKREDITERING

SEDAN 1979

TRK

Controlled manufacturing with high standards

Production of our products is carried out in close collaboration with our manufacturing partner AB Maskinarbeten in Alvesta, a partnership which has extended over some 50 years

All engineering practices at Ekströms as well as the manufacturing at Maskinarbeten are controlled in strict accordance with ISO 9001. The welding is carefully assured already in the initial stage all to meet the clients demands and fulfils the certification in ISO 3834-2.

For Pressure vessels inspections are carried out by third parties and additionally we perform our own quality checks, often together with the customer, prior to delivery.

This ensures that the final product meets both technical requirements and expectations.

Production is also characterized by a focus on sustainability and is accredited to EN ISO 14001. The facility is powered by renewable energy from solar panels and wind turbines, contributing to more resource-efficient manufacturing.

By combining precise engineering with controlled production, we deliver solutions that are reliable over time – both technically and in terms of quality.



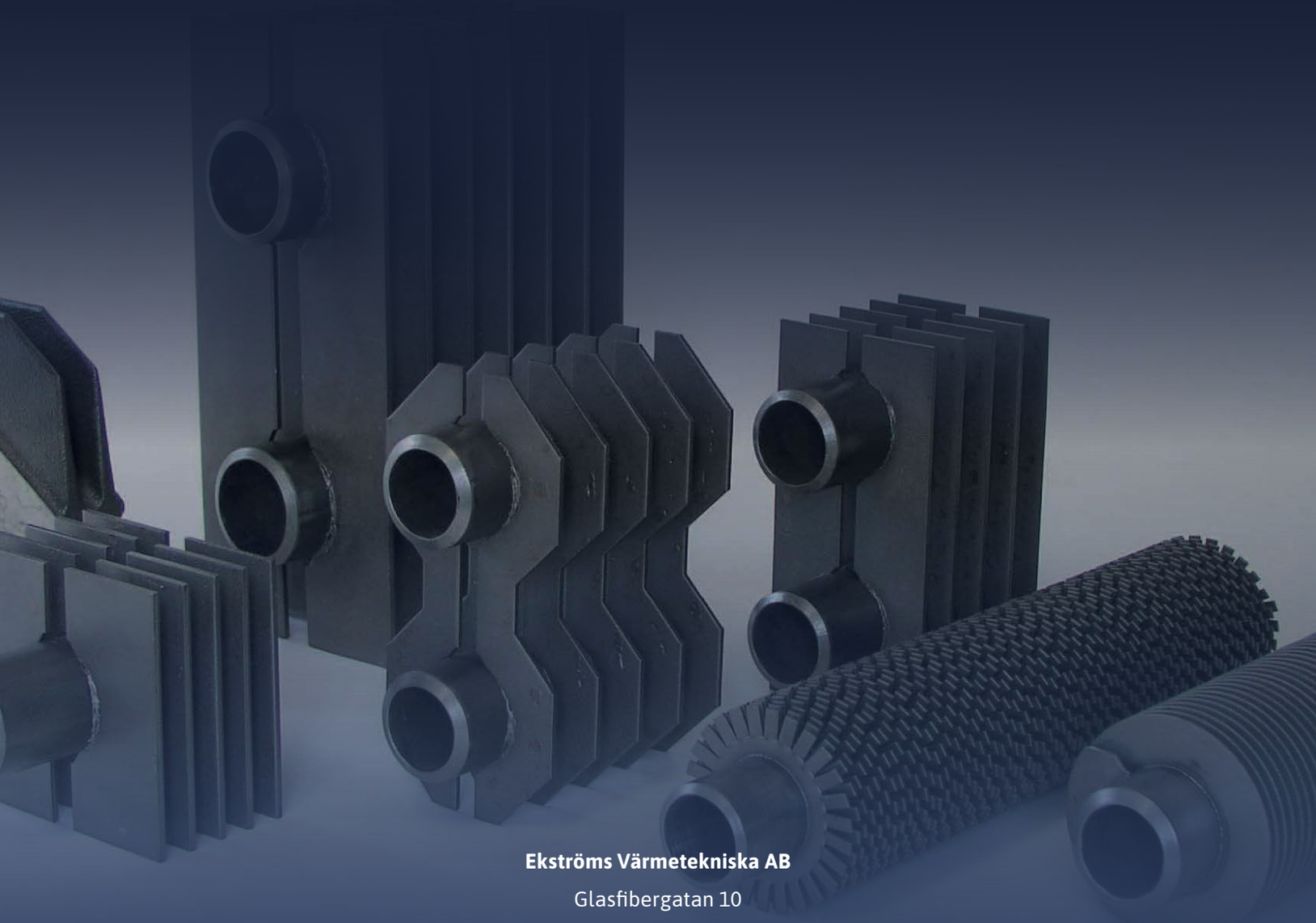
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