



CLEAN & EXTENDED HEATING SURFACES

EKSTRÖMS VÄRMETEKNISKA AB



Ekströms Värmetekniska AB

Ekströms Värmetekniska AB is a market leader in the design and supply of economisers, fluegas coolers, air preheaters, shot cleaning systems and extended surface heat transfer tubes for utility power generation, industrial processes and marine applications.

Ekströms design and project management ability, coupled with the manufacturing expertise of AB Maskinarbeten and A&J Ekstroms Ltd provides high quality products to a global market.



Heat Exchangers

Many years of experience over a wide range of applications enables us to develop and optimise tailor made air preheaters and flue gas heat exchangers and economisers for all forms of combustion processes and associated fuels.



Shot Cleaning

Ekströms' unique on line shot cleaning technology enables optimal heat transfer to be maintained throughout prolonged industrial process campaigns. Our shot cleaning system can be installed on a wide range of boilers and heat exchangers, from small to large.



Finned Tubes

Ekströms offer a wide range of extended surface tubular products including cast iron sleeved tubes; high frequency welded spiral finned tubes; and single or double finned tubes in different dimensions and materials.



The Company History

The Ekströms Company was founded in 1905 by Arthur Ekström. The original company name was A. Ekströms Maskinaffär AB and initially concentrated on machinery supplies to the emerging and rapidly expanding pulp and paper industry.

During the 1920's the product range was extended to address demands of the energy business sector. In 1949 Ekströms engineers pioneered the unique on line shot cleaning technique which remains in demand as the most efficient system for cleaning of heat exchangers operating in ash laden flue gases.

In recognition of the increased involvement in thermal engineering, the name of the Company was changed to Ekströms Värmetekniska AB in 1968. The heat exchanger products were further refined with the advent of single and double welded steel gilled tubes during the 1980's enabling Ekströms to supply a far more cost effective product.

In more recent times, during the 1990's Ekströms developed export business throughout Europe and Asia, as well as maintaining their service to valued customers in their home Scandinavian market and together with A&J Fabtech Ltd in the U.K.

Quality

All engineering practices at Ekströms and the manufacturing at Maskinarbeten are controlled in strict accordance with ISO 9001:2008. The Maskinarbeten workshop is accredited to SS-EN ISO 14001:2004 and maintains an Environmental Management System to minimise disturbance to the local, national and global environment.

The production of fin tubes fulfills the requirements of European standard DIN EN ISO 3834-2 (EN 729-2) and AD 2000-Merkblatt HP0. Material certificate EN 10240-3.1 is always supplied with our deliveries. On request we can supply shop inspection certificate 3.2 from inspection companies such as Lloyds register, DNV, Nippon Kaiji Kyokai, Bureau Veritas, ABS, etc.





Design

Ekströms provides thermal and mechanical design of extended surface heat exchangers. All heat exchanger pressure parts are CE marked, inspected, radiographed, and hydraulically pressure tested in accordance with EU-PED 97/23/EC taking account of particular customer requirements.

We also offer site engineering services, especially for supervision of installation and commissioning of shot cleaning systems.

Manufacturing

Manufacturing in Sweden

Most of Ekströms products are manufactured by AB Maskinarbeten. This partnership has extended over some 40 years. Maskinarbeten has a highly qualified team of skilled craftsmen, including coded pressure vessel welders. High precision computer controlled machines are employed, including plate laser cutting techniques, along with advanced finning machines. This combination of a highly skilled workforce coupled with advanced machine technology guarantees Ekströms products will continue to be manufactured to the highest efficiency and quality standards both today and in the future.

Find out more about the Swedish workshop at www.maskinarbeten.se



Manufacturing in the United Kingdom

Ekströms Värmetekniska has for many years collaborated with the company A&J Fabtech Ltd, a company with long experience of manufacturing of economisers and other pressure vessels for the boiler industry. In 2005 the new company A&J Ekströms was established to combine years of expertise between the U.K. and Swedish markets.

Read more about A&J Ekströms at www.ajekstroms.com

References

During the last 50 years or so Ekströms Värmetekniska AB have supplied heat exchangers such as economisers and air preheaters and several thousands meters of different kinds of finned tubes for all kind of applications. Ekströms have delivered more than 1000 shot cleaning systems and our customers can be found all over the world.

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Representatives

Ekströms has representatives in some European countries,

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