

**FORNAX**  
systems for industrial heat treatment



# FORNAX

## Vision

Fornax A/S will be the preferred collaborating partner within knowledge based, customer specific solutions for industrial heat treatment.

Fornax A/S will be known as a loyal and professional cooperation partner, who delivers "on time - on spec".

Fornax A/S will employ professionally competent and innovative employees.

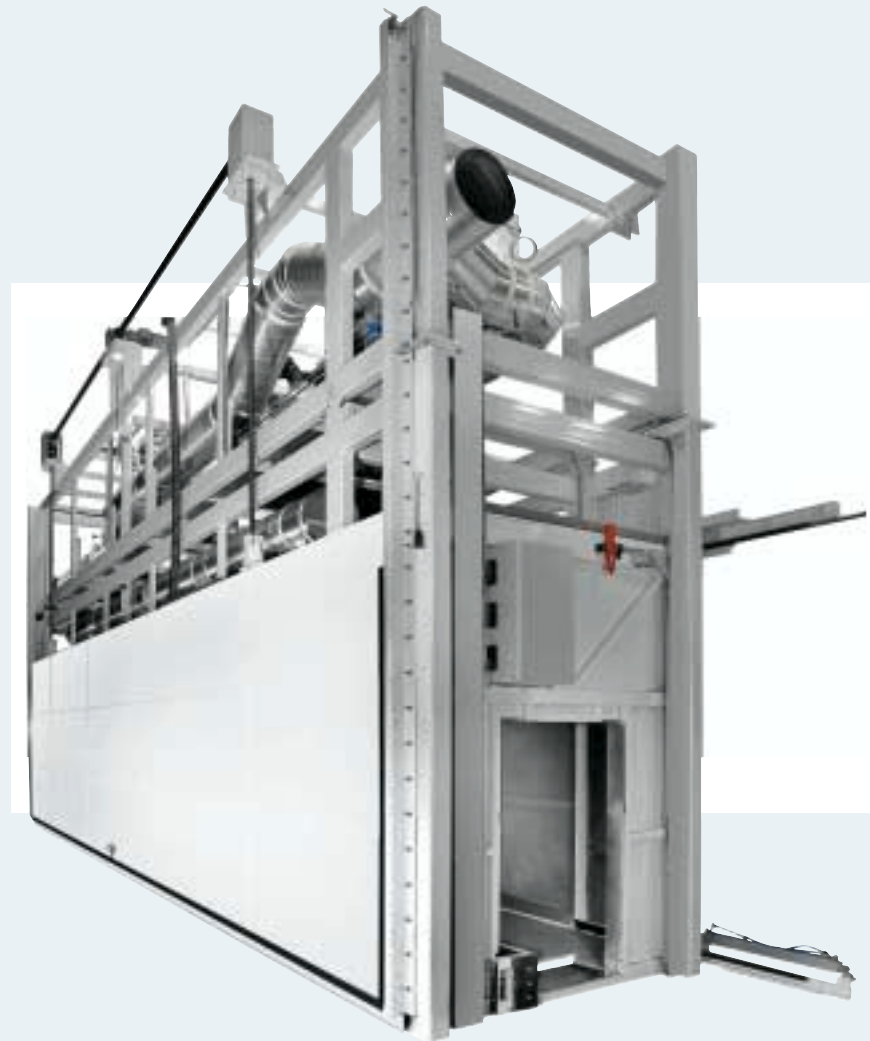
## Mission

Fornax A/S supplies equipment to Danish and international global organizations. We therefore place great weight on the robustness, quality and lifetime of the equipment.

The organization is internationally oriented with a global vision via employment of employees with international backgrounds.

## Values

Fornax A/S places importance on an open and equal partnership with our customers, where openness, honesty and respect create the basis for long-term cooperation. Our values are reliability, quality, experience and responsibility.



## Specialist in systems for industrial heat treatment

Fornax A/S specializes in the development, production and sale of industrial ovens, and systems for industrial heat treatment. The experience of deliveries to many different industries combined with technological innovation and flexibility has given Fornax a leading position in the market for industrial heat treatment and made Fornax into an internationally orientated business with customers throughout the world.

## History

Fornax A/S was established approximately 80 years ago - and has undergone rapid development. This applies to technology, development and management.

In 1996 Fornax obtained new owners, and the business has since undergone strategic restructuring and revitalization. Today the company's focus is directed at customer specific industrial equipment, where the project framework is defined in cooperation with the customer, after which Fornax takes care of design, development and production of the necessary equipment and takes responsibility for the completed system being tested and implemented.

Fornax - which means oven in Latin - employes approximately 30 employees in the factory in Silkeborg. Fornax has dealers in many European countries and exports over half of its production.

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## From returnable glass to multicellular glass

Fornax A/S recently completed one of the company's largest assignments so far. A 45 metre long conveyor oven that will be used for foaming returnable glass for a Norwegian customer.

It is 45 metre long, approximately 2.6 metres high and 2.3 metres wide and processes various returnable glass materials that would otherwise end in landfill.

The material is ground with activators and is heated in the oven to approximately 1000 degrees C, at which it becomes a porous glass material that in structure resembles a gas beton. This has extremely good insulation properties and is used in road construction as a building material and in other contexts where low weight and high insulation properties are required.

This is not the first oven Fornax has developed and built in cooperation with the customer - but it is the longest!

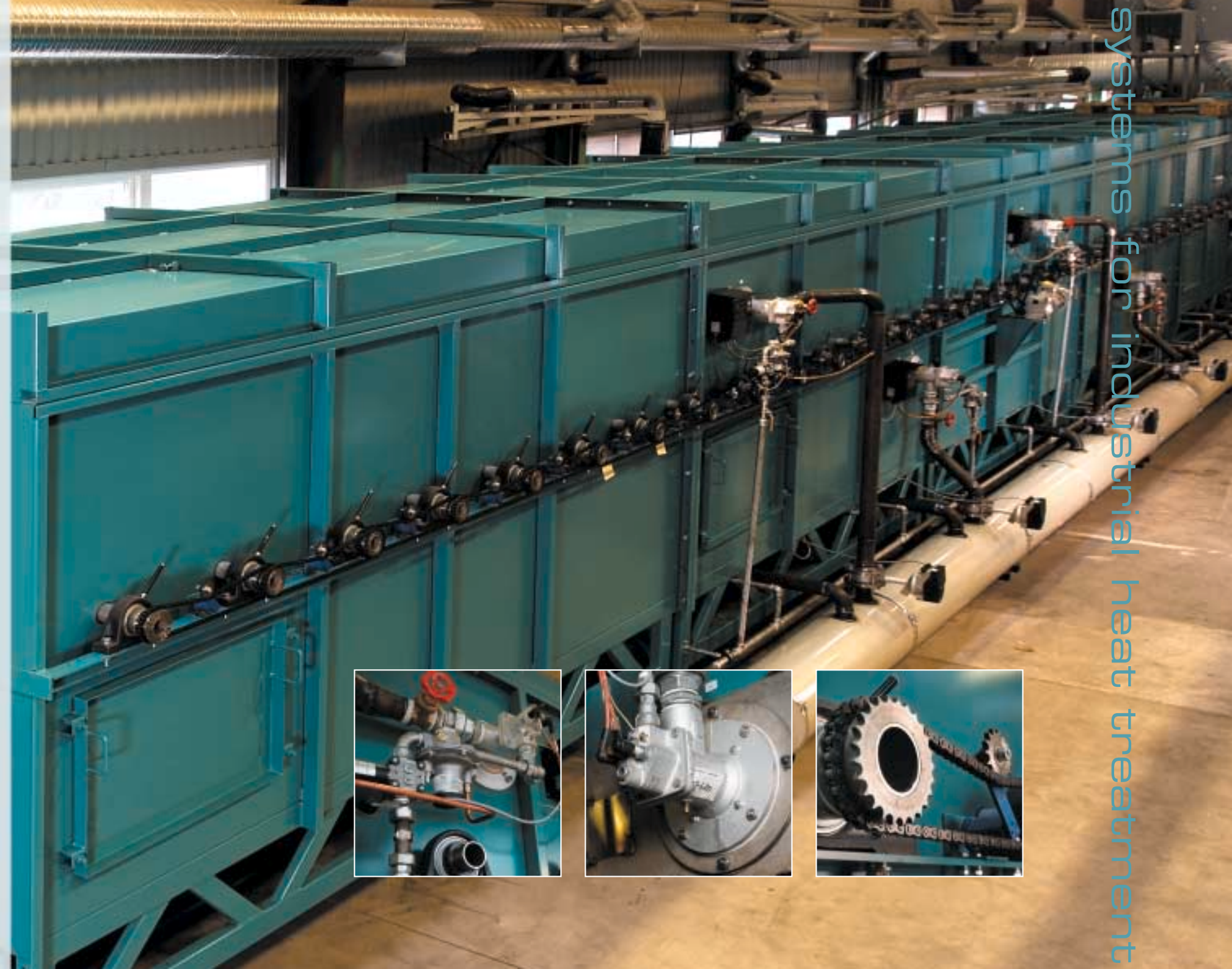
So long that the production facilities at Fornax had to be extended in length - and so the basis for even greater challenges in the future are created!

## Customer specific systems for technical heat treatment

Over the years Fornax A/S has delivered customer specific solutions for technical heat treatment to the whole of Europe and to the USA, Egypt, Malaysia, China, Russia and Japan. The solution is prepared in accordance with the customer's needs and in close cooperation with the customer. Construction and production of the system takes place at the factory in Silkeborg, where the solution is tried and tested under conditions similar to operation and in the presence of the customer before dispatch.

The composite and multicellular glass industries are two of Fornax's focus areas. Unique solutions, which optimize the customer's production, are developed for these industries in close cooperation with the customer.

Moreover we have a programme of standard industrial ovens whose design can be very flexibly adapted to individual areas of application. We thus provide ovens for tempering springs (conveyor and batch ovens), rotation casting ovens, shrink ovens and tempering and annealing ovens.



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## Industrial heat treatment systems (B-t-B)

Fornax A/S is specialist in technical heat treatment for industrial customers. Ovens and heat treatment systems are often included in production where one weak link can bring the whole production to a halt. We at Fornax are very conscious of what requirements are set on our products' robustness and reliability.

Fornax A/S takes responsibility for the entire delivery, and new products developed by Fornax are tried and tested in a full cycle under monitoring by the customer. Fornax provides additional installation and commissioning and subsequent servicing of the delivered system.

### Fornax has delivered equipment to the following industries among many others:

- Wind power industry
- Electric motor industry
- Pump industry
- Metal packaging industry
- Metal industry
- Glass foaming industry



## Quality, innovation and knowledge

Fornax A/S places importance on being a competent partner who can contribute with knowledge on heat treatment and on technical potentials and limitations in a demanding production environment. Fornax provides a competent sparring partner and open dialogue founded on solid experience.

All project employees are therefore professionals in production technology areas, which means our advice and conversation with customers on the relevant heat treatment solutions can be performed in a professional and equal cooperation with a focus on the optimum viable solution for our customers.

Capable professionals are employed in the production to ensure a very high standard of quality.

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SIGNAL REKLAME

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