



Furnace Manufacturer and
Supplier of Heat Treatment
Solutions

che.no



C. H. Evensen Industrioivner AS
Fredrikstad – Norway

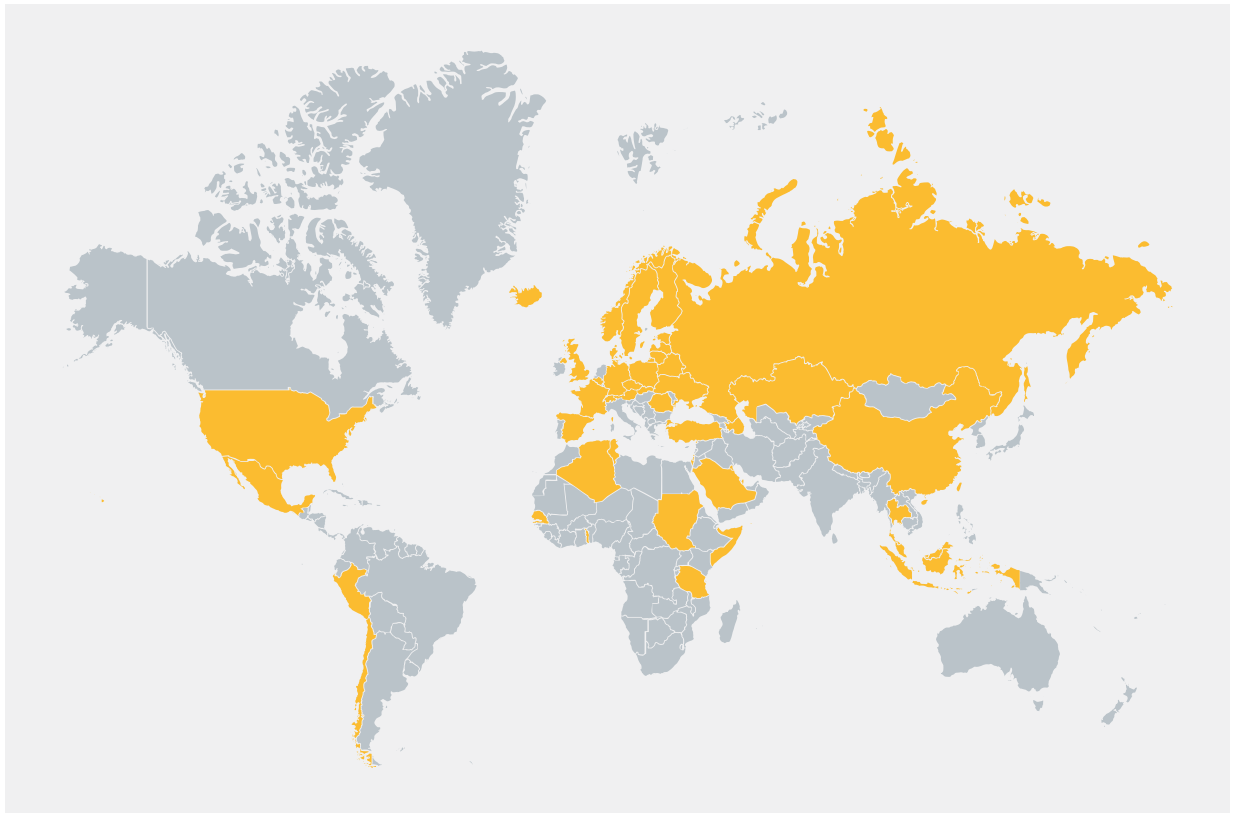
We develop, design and manufacture industrial furnaces and equipment for a variety of heat treatment processes.

The depth of our experience is to custom engineer heat treating equipment for demanding applications. We pride ourselves in providing innovative, state-of-the-art equipment that helps our customers improve their bottom line and gain a competitive edge.

Innovation is essential to our company. We are continuously improving and optimizing our technology, building “custom made” heat treating equipment through systematic innovation.

Offering only the best in customer service has earned C. H. Evensen Industriovner AS a recognized and enviable reputation. A team of skilled and committed engineers are available around the clock, 365 days a year to offer service and support to customers around the globe.

CHE has subsidiary companies, UAB Termoskalė in Lithuania and Evensen Furnaces AB in Sweden. The CHE production sites are in Fredrikstad, Norway and Utena, Lithuania. Today we have more than 4000 installations in more than 45 countries worldwide.

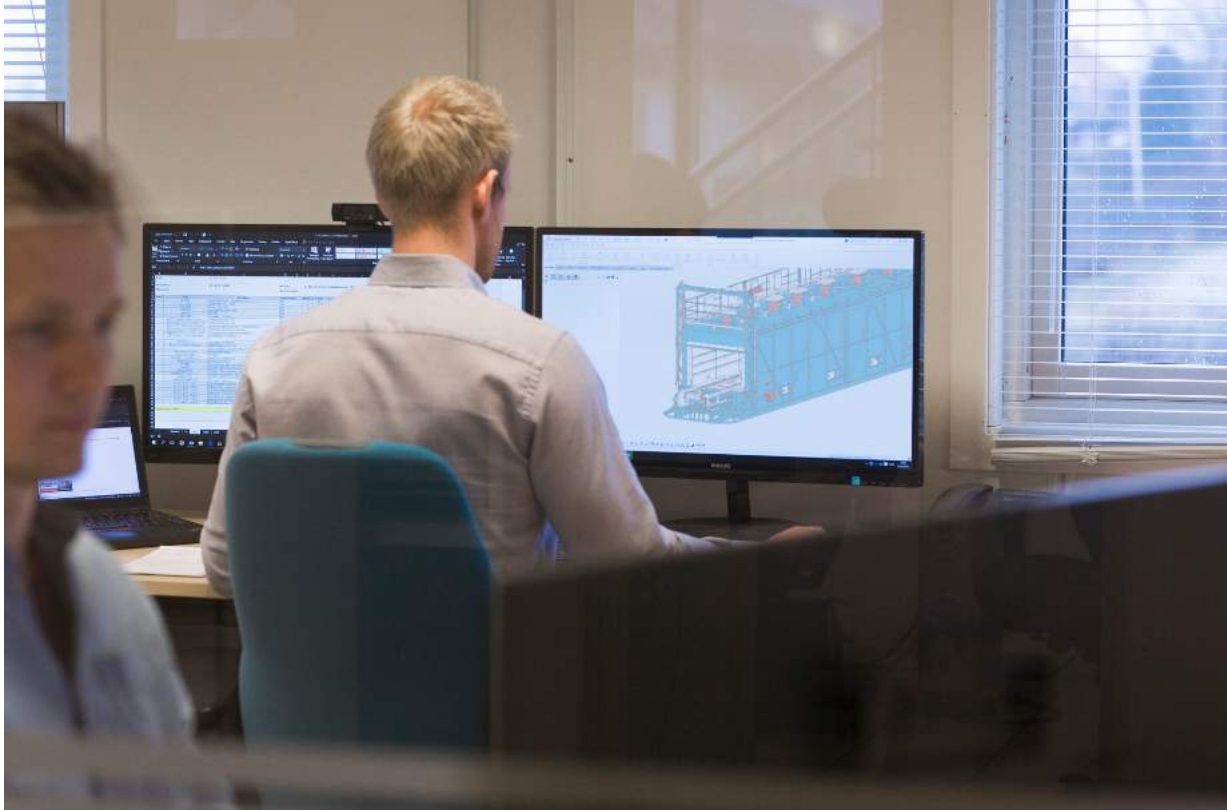


Modernizations

Evensen can offer furnace renovations and modernizations for capacity, energy and environmental improvement measures in accordance with applicable safety requirements based on current directives and standards.

Production and installation

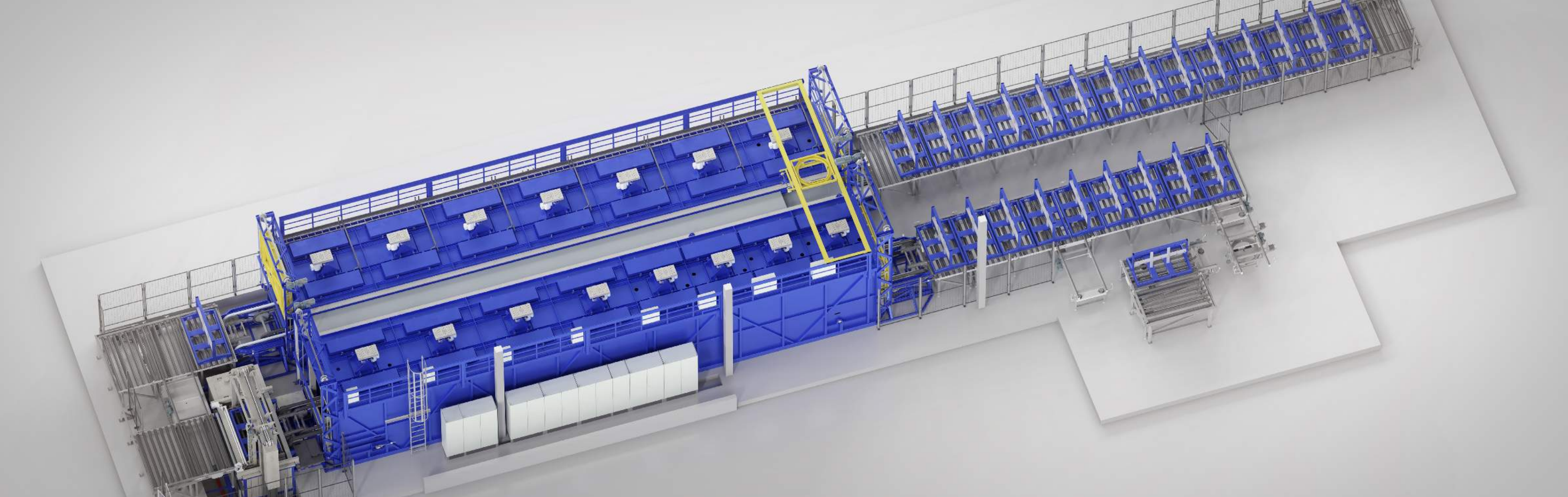
Evensen has a modern workshop with an experienced workforce, with more than 50 employees in Norway and Lithuania. This includes our In-House electrical department where control boards, control systems and heating elements are designed built and tested. Our engineers keeps a close follow-up of our products throughout production, installation and commissioning. This ensures that our deliveries will be in accordance with the specified requirements, and our engineering department will always be updated with new experience and the latest developments.



Service

For clients that wish to maintain a secure operation of their equipment. Evensen can make service agreements where the performance and status of the equipment is tested and controlled at regular intervals. We can also modernize and refurbish existing furnaces, with modern equipment such as new control systems, higher degree of automation, efficient heating systems, low energy loss thermal linings, solutions for increased capacities etc.

Further, we are able to supply and install special components such as heating elements, burners, thermocouples, furnace fixtures, conveyors, temperature resistant materials, blowers etc., also for heating equipment that has not been delivered by us.



Full Field Service Worldwide

Our technical support is available 24 hours per day, and we use PLC / modems for online troubleshooting and service. We can make service contracts with our clients and are available for all maintenance work, repairs and kettle changes.

Product Development and Engineering

We have our own engineering department where our products undergo continuous development. With innovative design concepts and visions.

Computerized design

Today we apply 2D and 3D design tools for drawings and illustrations. We use computer programs for energy balances, heat and gas flow simulations.

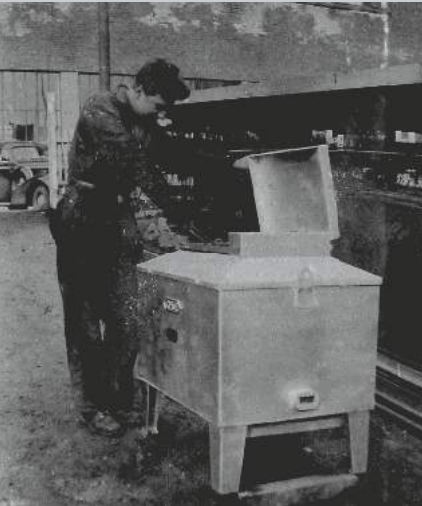
Services

- 24h service telephone (+47) 954 33 333
- Service contracts
- C.H. Evensen Industriovner AS offers ongoing Support and Technical Service for owners of both CHE and other manufacturers' heat treating equipment.
- Renovations, repairs and spare parts
- Furnace control and calibration
- Conducting repairs
- Furnace upgrade and reconditioning
- Inspections
- Technical support, consulting, and training

History

In 1937 Cato Herulf Evensen starts his own company at the age of 24.

The company's first products were standard box furnaces for annealing, hardening and enamelling. Also a range of ceramic kilns were introduced. The company obtained an order for two large tunnel kilns in 1947. These kilns are still in operation.



Salt bath furnace

Employees 1962, C.H.E. 25 Years

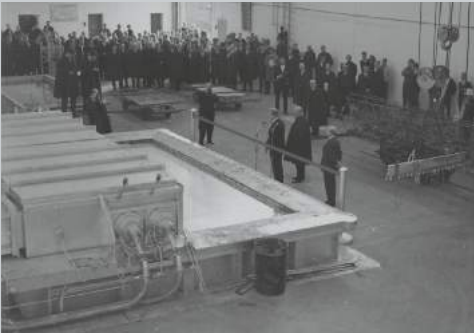


The world's largest galvanising bath in 1970 at Vickers in Newcastle, UK

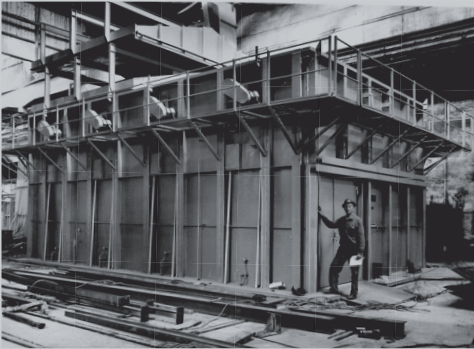
Through installations of surface coating lines for aluminium products, CHE's innovative ideas and quality products were appreciated by Norway's aluminium industry, which resulted in numerous deliveries of heat treatment furnaces to companies like Hydro Aluminium and Raufoss.

In the 70's CHE went into the export market, especially within the Hot Dip Galvanising industry world wide. In 1970 CHE installed the world's largest galvanising bath at Vickers in Newcastle, UK; a top fired ceramic bath with 1,100 tons of zinc at 17.5 metres length.

Today CHE has more than 4000 installations in more than 45 countries worldwide.



King Olav V – Opening Ceramic Lined Hot Dip Galvanizing furnace at the Jarlsø Factory



Annealing furnace

Gas Fired Chamber Furnace



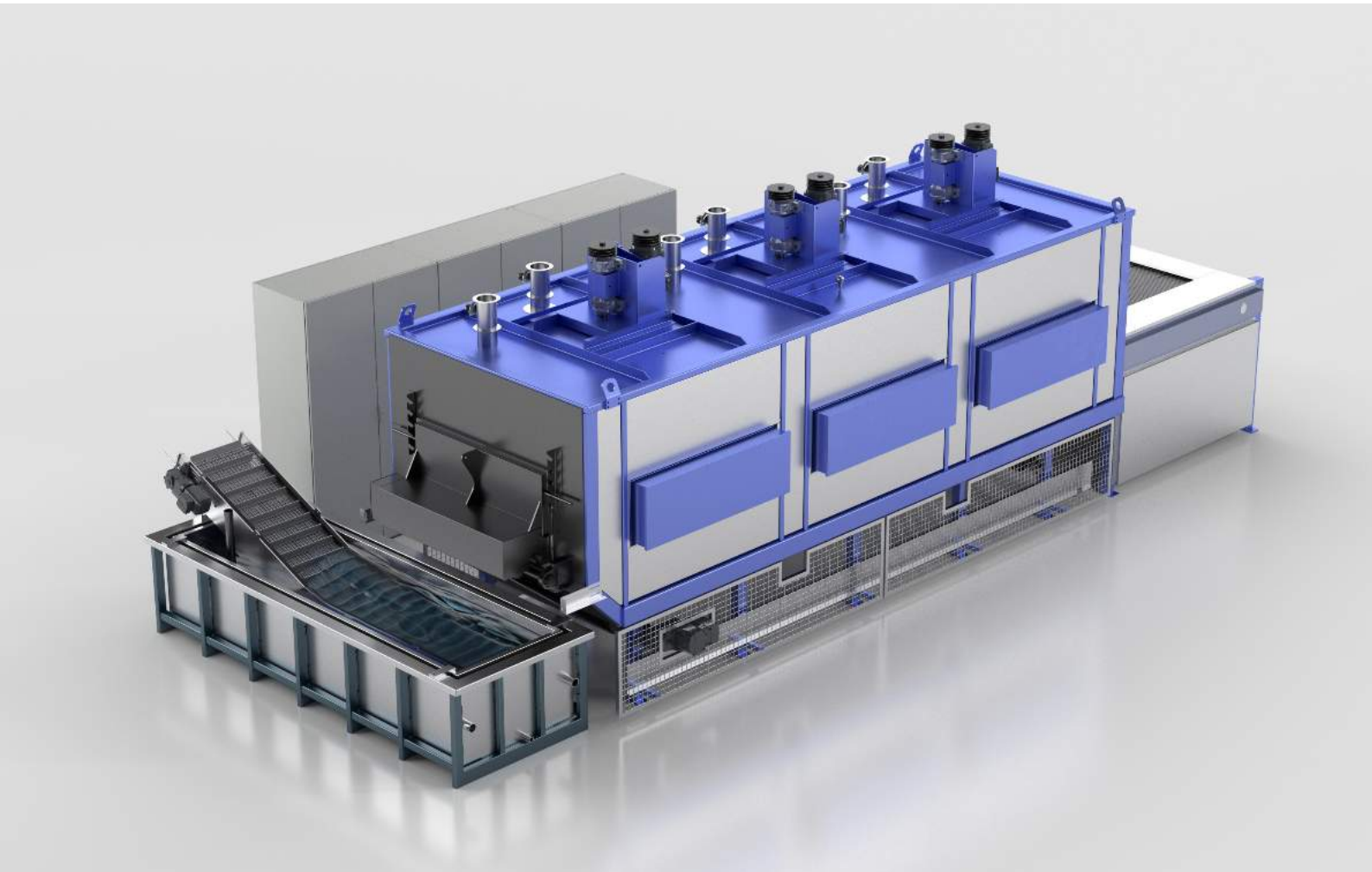
Fully Automated Line for Batch Heat Treatment



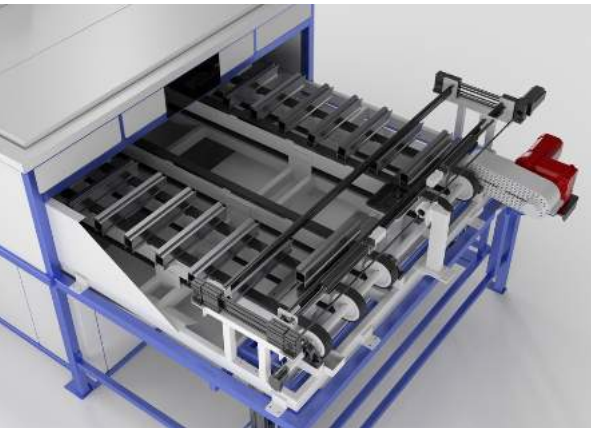
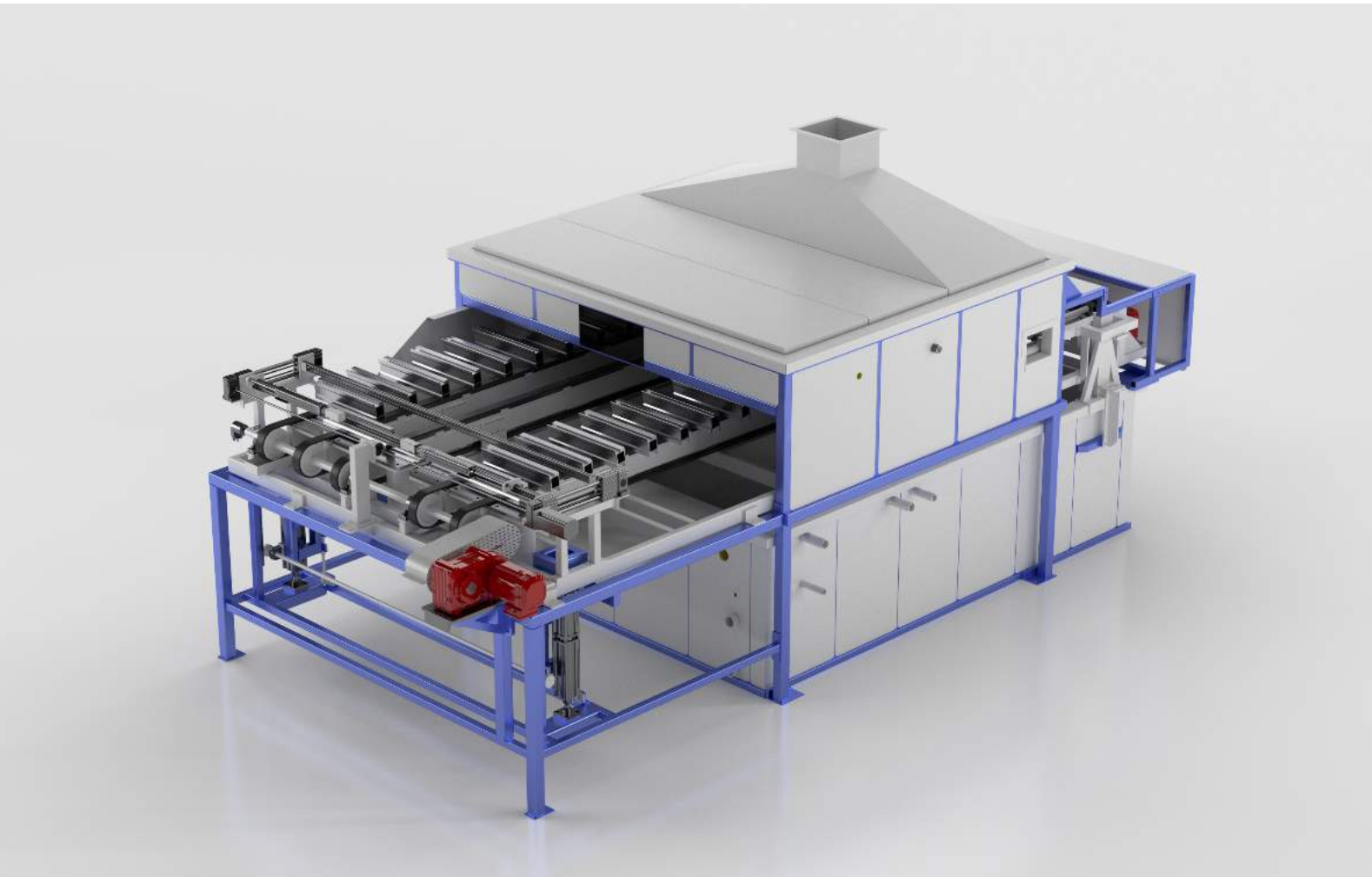
Heat Treatment Furnace and Billett Re-Heater Furnace



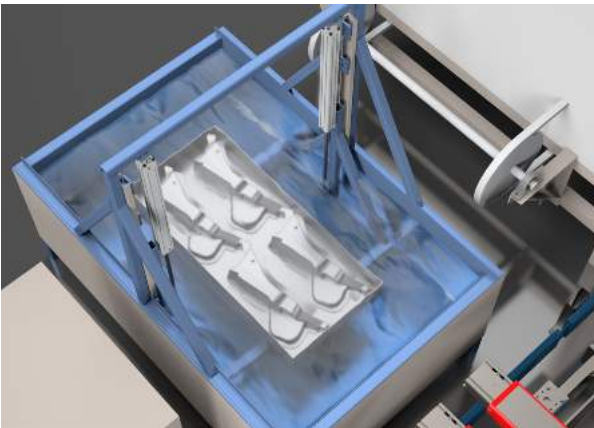
Tunnel-Type Furnace with Conveyor Belt



Automated Cooling with Water Mist



Fully Automated Line for Solution Heat Treatment and Ageing





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