



HEATMASTERS®

the wizards of metal



HM FURNACES

**UNIQUE FURNACES
GUARANTEE TOP
PERFORMANCE**

We supply large, made-to-order furnaces, along with fixed heat treatment equipment for the heat treatment of larger metal pieces, constructed on-site.

Our three main furnace types are fixed, moveable and temporary modular furnaces. The furnaces, heated with either gas or electricity, can be used for normalizing, preheating, austenitizing, pearlitizing, ferritizing and softening.

The heating of the furnaces is controlled with a unique control system developed by Heatmasters.

A FURNACE FOR EVERY NEED

TAILORED DESIGN

The furnaces are tailored to meet the client's needs. Our extensive model range includes top hat furnaces, furnaces with a pivot door, chamber furnaces, forced air circulation furnaces, and bogie hearth furnaces. In our furnace design, we use cutting-edge design software and our strong expertise in the heat treatment of metals, spanning four decades.

CONSTRUCTION AND INSTALLATION ON-SITE

We construct the furnaces reliably on-site, and our work is always performed under supervision. Our technicians perform all the necessary testing of the equipment and provide user training.

FLEXIBLE AFTER-SALES SERVICES

We offer the best possible after-sales services for our heat treatment furnaces, rapidly and flexibly. Ask about our full-service, preventive Heatmasters service agreement!



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HEATMASTERS CONTROL SYSTEM

The Heatmasters Control System consists of the HM20 heat treatment process control software and an HM-Rigel26 controller. A computer is required for transferring the heating instructions to the controller's memory, and for processing and printing the information received from the controller.

The system can be set up to operate via a wireless connection (e.g., via mobile data). The control system – a unique solution in the heat treatment industry – replaces traditional thermal recorders, which have been proved to be inaccurate in demanding conditions.



HM-Rigel26



INFORMATION FOR HEAT TREATMENT

Metal piece to be heat-treated

Length, mm	Width, mm	Height, mm	Weight, kg

- Metal piece transferred for heat treatment
 Heat treatment on-site

Space length, m	Space width, m	Space height, m



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STANDARD OF HEAT TREATMENT

FINLAND

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A NEEDS ANALYSIS AS THE STARTING POINT

We will help you chart your heat treatment needs and the special requirements of the application. Based on this analysis, we can give you an accurate offer on a unique furnace constructed and installed on-site. Our offer calculation always includes the following information:

- ▶ Application, furnace location
- ▶ Conditions and special requirements of the operating environment
- ▶ Loads, the size of the metal pieces to be treated
- ▶ Heat treatment method to be used
- ▶ Heating method for the furnace: gas or electricity
- ▶ Choice of furnace: fixed, moveable or temporary modular furnace

CONTACT THE FURNACE EXPERTS!