

# Company Brochure

Energy-efficient and maintenance-friendly solutions for  
industrial heating technology

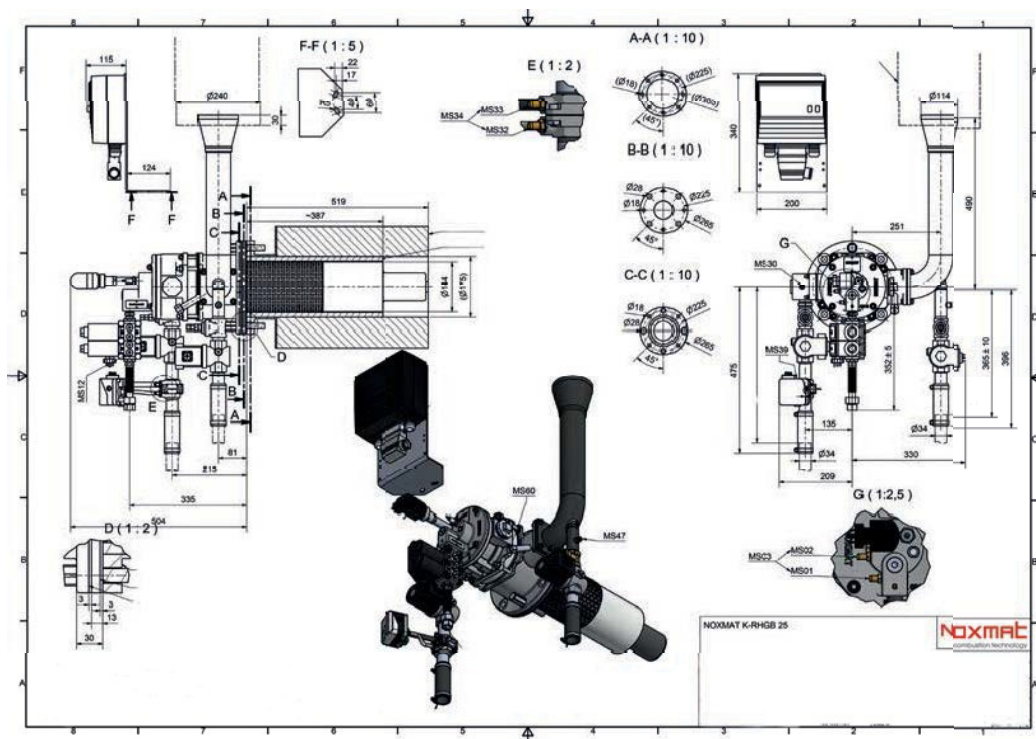


Reliability at work

# NOXMAT – RELIABILITY AT WORK

## Planning and design of burner technology in industrial thermal processing plants

NOXMAT will support you right from the start, with planning and designing the heating system for your thermal processing plant. With more than 25 years of experience in the field of industrial burner technology, we are a skilled partner for your project. From simple retrofitting measures to complex new installations - our engineers are by your side to find the optimal choice and top configuration for your plants. Your needs are always at the core of our efforts. Optimal customer benefits, top efficiency, and energy as well as emissions savings.





# NOXMAT – RELIABILITY AT WORK

## Energy-efficient and service-friendly burner technology Made in Germany

We manufacture industrial burners and radiant tubes as well as fittings relating to the heating technology of industrial thermal processing plants. Our products are sold in over 30 countries around the globe and used in heat treatment plants and facilities for the heating of metals (ferrous and non-ferrous).

Our products are designed and manufactured for maximum reliability and ease of operation.

In cooperation with manufacturers of industrial thermal processing plants and with the operators themselves, we provide optimal solutions for their respective requirements.

More than 25 years of experience in this field make us a competent partner for you, in all areas of industrial heating technology.



# NOXMAT – RELIABILITY AT WORK

## Service

At NOXMAT, our competent service team knows all there is to know regarding the heating systems of gas-fired industrial furnaces. Our technicians are the experts for thermal processing plants, and are equipped with all necessary tools for measurement, diagnosis, and service. Our motto: Best in Class!



## Maintenance

Our service team's objective is always to maintain the mint condition of your plant's heating system or to reset the system to this state, so that your operation can run efficiently and smoothly.

## Optimization

Quite often, a lot of potential for savings lies dormant inside an industrial furnace, which is not always immediately apparent to the operator. This potential can often be revealed with relatively simple measures.



## Retrofit

Retrofitting or modernizing a furnace plant's heating system is a real alternative to a new investment. Considerable savings of up to 30% can thus be achieved quite frequently. An increase in production and product quality may be further results of such retrofit measures.

# PRODUCT OVERVIEW

## Series RHGBS **ETAMAT**

Recuperated high-velocity burner with metal foam recuperative for the indirect heating of industrial furnaces 15-35kW



## Series RHGB

Recuperated high-velocity burner with steel recuperative for the direct and indirect heating of industrial furnaces 7-250 kW



## Series K-RHGB

Recuperated high-velocity burner with ceramic recuperative for the direct and indirect heating of industrial furnaces 9-250 kW



## Series K-RHGBE

Recuperated high-velocity burner with ceramic recuperative combustion tube for the direct and indirect heating of industrial furnaces 9-100 kW



## Series K-RHGB RN **REMAT**

Retrofit recuperated high-velocity burner with ceramic recuperative for the indirect heating of industrial furnaces 13-25kW



## Series HGBE

High-velocity burner for the direct and indirect heating of industrial furnaces 9-160 kW



Steel or ceramic jacket radiant tubes for the indirect heating of industrial furnaces



Accessories for industrial heating systems (burner control units, combustion air fans, gas pressure measurement and control systems, etc.)





# HISTORY

- 1992 Founding of the independent company under the leadership of Rudolf Distl & Dr Wolfgang Harbeck
- 1993 The company and six new employees move to a new office building with assembly hall, as first investor in the new business park of Oederan
- 1994 Environmental award of the Freiberg district
- 1996 Certification according to ISO 9001
- 1998 Tests of first burners with ceramic design
- 2000 Development of ceramic jacket tubes
- 2006 New sales office with warehouse opens in Hagen (North Rhine-Westphalia)
- 2007 Expansion: new office building with modern production hall, including R&D and administration building
- 2011 Founding of NOXMAT Technique Beijing Co. Ltd in China
- 2012 Acquisition of WAC company strengthens the NOXMAT service team
- 2013 Celebratory farewell to long-time CEO Dr Wolfgang Harbeck. His successor, Matthias Wolf, brings international experience that allows NOXMAT to tap into new markets
- 2016 Certificate for predictive energy management
- 2017 *ETAMAT*- a new generation of burners with top energy efficiency enters the market in time for the company's 25-year anniversary
- 2018 Most successful year in the history of the company so far, with a record turnover
- 2019 Certification according to new standard ISO 9001:2015



## NOTES

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