

Kiln plants from Keramischer OFENBAU



Roller kiln

- Modular design one / two channel
- Kiln length up to 150 m
- Roller level 1 to 3
- Setting width up to 3 m
- Firing temperature 800 to 1650 °C
- Firing cycle 20 min to 48 h, according to demands



Tunnel kiln

- Modular design
- Kiln length up to 150 m
- Setting width up to 5,5 m
- Setting height up to 1,1 m
- Firing temperature 800 to 1800 °C
- Firing cycle 2 h to 48 h, according to demands

Plant modernisation



Shuttle kiln

- Modular design
- Setting volume up to 450 m³ net
- Setting width up to 5,6 m
- Setting height up to 4,0 m
- Firing temperature 800 to 1800 °C
- Firing cycle 6 h to 80 h, according to demands

Highest demands on the quality of different ceramic products are met by:

- modern control systems with kiln visualisation in many languages
- automatic transport and storage systems
- long-life constructions due to kiln insulation made of refractory lightweight bricks, fibre or sandwich structure
- product tracking
- optimum energy consumption reducing or oxidising firing atmosphere

Regular inspection and maintenance preserve effectively the functionality and operational safety of your kiln. Improvements carried out at the kiln can lead to higher efficiency. Have your kiln checked by us!

We have dispose of:

- A competent team with decades of experiences for all fields of ceramic kiln building
- Detailed knowledge about existing kiln plants
- Extensive knowledge about different modification and modernisation projects

We provide you kiln optimisation with modification guidance for modernisation of all existing kiln plants built by us as well as by other kiln building companies (Sacmi, Siti, Riedhammer, Drayton, Brisco, Grün etc.).

Keramischer OFENBAU INDIA

Keramischer OFENBAU GmbH
Gropiusstraße 7
D-31137 Hildesheim/ Germany
Tel.: +49-5121-747400
Fax: +49-5121-747474

Keramischer OFENBAU India (P) Ltd.
B-18, Sector IX,
NOIDA 201301 (U.P.) India.
Tel.: +91-120-4203856
Fax: +91-120-4208754

Keramischer OFENBAU INDIA

Keramischer OFENBAU GmbH
Gropiusstraße 7
D-31137 Hildesheim/ Germany
Tel.: +49-5121-747400
Fax: +49-5121-747474

Keramischer OFENBAU India (P) Ltd.
B-18, Sector IX,
NOIDA 201301 (U.P.) India.
Tel.: +91-120-4203856
Fax: +91-120-4208754

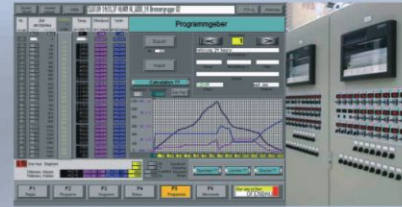
Your aims

Our measures



Increase in output

- kiln extension
- perfecting of temperature regularity
- shortening of the running time
- adaptation of the firing curve
- fine adjustment with quality increase
- determination of power requirement
- kiln reconstruction, e.g. refractory repairs, kiln roof renewal or corrosion restoration
- upgrading of the control system



Increase of profit

- increase your productivity by improvement of your product quality
- decrease of down time
- process automation
- lower kiln break quote



Orientation in a new market segment

- Replacement of kiln plants
- Resetting of kilns after product change
- product consultancy
- kiln reversal for an other type of product



Cost saving

- Measures for decrease of the power consumption e.g. analysis of the power consumption, night and weekend cooling down programs
- optimisation of the energy consumption
- altering of the heating systems, e.g. after gas change
- instruction of the personnel while working
- consulting to use local resources



Increase of operating safety

- fault analysis and clearance by settings
- instruction of the personnel while working
- service and kiln adjustment

Keramischer
OFENBAU INDIA