



Frontloader ELS 200 N

⊕	Volume	200 litres
⊙	Int. dimensions (w x d x h)	460 x 620 x 680 mm
⏻	Power	11 kW
Ⓒ	Tanw *	1240°C

* Application temperature for long-term and continuous use.

Technical data

☰ Overview

Product group	Kiln
Design	Frontloader
Type	ELS-N series

⏻ Energy

Energy type	Electrical
Power	11 kW
Supply	16 A
Voltage	3/N/PE 400V AC
Connection	CEE 16 A

⊕ Dimensions

Volume	200 litres
Int. dimensions (w x d x h)	460 x 620 x 680 mm
Ext. dimensions (W x D x H)	800 x 1240 x 1730 mm
Weight	510 kg

☆ Equipment

Insulation	3-layer
Heating	5-side
Heating elements	Recessed into bricks
Control	ST 310

Besondere Merkmale



Long-term application temperature Tapp 1240°C

The kiln is designed for long-term and continuous use at temperatures up to 1240°C which makes it suitable for applications such as bisque, earthenware, onglaze and stoneware firings. These applications correspond to Seger Cone 6a or Orton Cone 6.



Cognitive Connectivity with the ROHDE myKiln App

This kiln can be connected to the ROHDE myKiln app using the included controller and enjoy all the advantages of the "digital firing program".



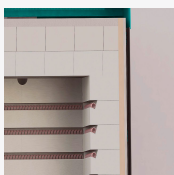
Power supply through a "CEE 16 A 5-Pol." plug connection

The standardised CEE 16 A connector allows for easy connection and quick start-up. With this plug connection, furnaces with an output of up to 11 kW can be operated.



Ergo Load System ELS

Das Ergo-Load-System ELS bezeichnet Kammeröfen mit einem Schubboden zum Ausfahren. Der Ofenboden kann wie eine Schublade ausgefahren werden und ermöglicht damit ein ergonomisches und rückschonendes Beladen von drei Seiten. Zwei hydropneumatische Dämpfer bremsen den Wagen kurz vor Erreichen der Endposition sanft ab. Die zusätzliche Bremsfunktion arretiert den Ofenboden sicher in jeder beliebigen Position.



Careful sealing of the door

The seal between the door and the outer bricks is ensured by a flexible insulating cord. This insulating cord closes the high-quality polished sealing surfaces in the cooler area around the front row of bricks and reduces the escape of thermal energy and radiation.



Safety – Safety switch

The safety switch, which is installed on the door of the furnace, interrupts the circuit to the heating elements when the door is opened and thus prevents live components from being touched.



Safety - Over-temperature protection

The integrated overtemperature protection prevents damage to electrical components. The electronic over-temperature protection is a safety routine in the control system, which can avoid a malfunction of the furnace and thus prevent damage to the electrical system.



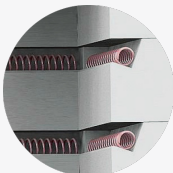
Unique system prevents particles from falling onto the products

ROHDE uses a unique concept of mortar-free lightweight firebricks combined with R-SiC ceiling supports preventing cracks and particles from falling onto the products.



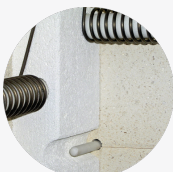
5-side heating allows for good heat distribution

Heating from 5 sides (side walls, back wall, door and floor) results in very good heat distribution throughout the firing chamber.



Heating elements securely recessed into bricks

Heating elements are recessed in a protected position into bricks and achieve high energy input and provide ideal protection against mechanical damage.



Precise temperature measurement with the “Type S” thermocouple

The installed PtRhPt thermocouple (type S) is protected against damage and guarantees exact temperature measurement at all times.