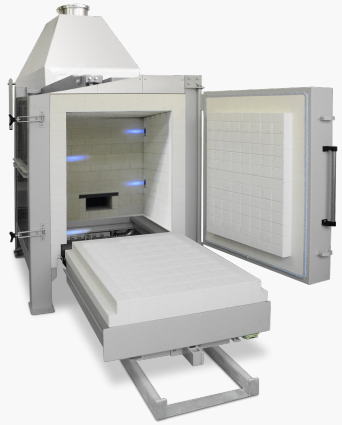
HWG 1000/10

ROHDE Truck Furnace

ROHDE

Product data sheet



Similar to illustration

Truck Furnace **HWG 1000/10**

Volume	**1000 litres**
Int. dimensions (w x d x h)	**850 x 1000 x 1200 mm**
Power	**110 kW**

Technical data

Overview

Product group	**Kiln**
Design	**Truck Furnace**
Type	**HWG series**

Energy

Energy type	**Gas-fired**
Power	**110 kW**
Voltage	**3/N/PE 400V AC**
Connection	**-**
Burners	**2 pieces**

Dimensions

Volume	**1000 litres**
Int. dimensions (w x d x h)	**850 x 1000 x 1200 mm**
Ext. dimensions (W x D x H)	**1300 x 1800 x 2200 mm**
Weight	**1600 kg**

Equipment

Insulation	**3-layer**
Control	**Jumo IMAGO 500**

Besondere Merkmale

Torsion-resistant welded steel housing

The housing consists of a torsion-resistant welded construction. Each furnace is manufactured by hand and leaves the factory after undergoing extensive quality controls.

Corrosion protection due to stainless steel in-frame ventilation

The fully in-frame ventilated steel construction contributes to low external temperatures and combined with stainless steel components provides effective protection against corrosion.

Durable textured paint finish

The high-quality light-grey RAL 7035 textured coating protects the furnace body and steel construction.

Robust swing door allows for safe opening

The convenient operation of the swing door allows easy opening of the furnace. The solid door handle ensures smooth operating procedures even when opening the hot furnace while the process is running.

Flexible door sealing allows for thorough door closing

A flexible insulating cord ensures a seal between the door and the furnace opening. Minor unevenness can be corrected and the door can be closed flush with the furnace.

Lockable door catch

The robust door catch guarantees safe closing and locking of the door.

Stainless steel door frame protects against the effects of heat

The door frame is reinforced with stainless steel sheets and protects the construction against the effects of heat.

Easy loading using a truck on rails

The rail-mounted truck is equipped with high-quality rollers mounted on ball bearings that ensure extremely smooth and safe movement with maximum durability.

Flexible and adjustable truck sealing

The truck is fitted with a conical insulating cord providing optimum sealing of the furnace floor and preventing incoming draughts.

Efficient 3-layer insulation structure

A sophisticated 3-layer insulation structure allows for required temperatures to be achieved using less energy. High energy efficiency can be achieved even in continuous use.

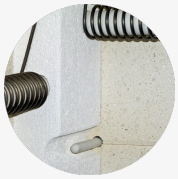
First-class useful volume

All insulating materials are processed precisely and carefully. Lightweight firebricks in the firing chamber are characterised by a high insulation value and good thermal shock resistance.



Unique system prevents particles falling onto the products

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



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.

Furnace construction in accordance with DIN EN 746-1

The unit is constructed and manufactured in accordance with DIN EN 746-1 Industrial Thermoprocessing Equipment.

2-year warranty despite intense use

We deliberately refuse to reduce the warranty period despite commercial furnaces being used intensely except parts that are subject to wear.