

Data Sheet

Reference No.:47904

Sintering Furnace

Brand: ELINO
Model: FB-070/057/096-10EW.OH
YoM, approx.: 2002 used
Reconditioned:
Controls:



Characteristics Heat Treatment Equipment

operation modus: continuous
heating method: gas+electric
Heating capacity: 225 kW
temperature max.: 1000 °C

Heat Treatment Compartment / Zone

length: 5750 mm
width: 650 mm
Height: 50 mm

Electrical specifications

total power consumption: 230 kW
mains voltage: 400 V
mains frequency: 50 Hz

Additional Information:

Application:
Production of friction linings for clutches
Sintering of steel, copper and brass powder materials
onto non-ferrous metal/steel sheet
Cooling in an oxidation-free atmosphere

Complete system with powder application, furnace,
cooling section, cleaning

Design:
Continuous furnace with belt conveyor with heating
and cooling section
Natural gas and electric heating

Heating temperature contro zones 6

Fuel gas (natural gas) approx. 5 Nm³/h
Purge gas N₂ approx. 30 Nm³/h
Process gas H₂/N₂ 60/40% approx. 40 Nm³/h

Electrical heating Zone 1: 2 x 27.5 kW
Zone 2: 2 x 27.5 kW
Zone 3: 2 x 27.5 kW
Zone 4: 55 kW
Zone 5: 5 kW

Seller:

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Photos & Documents

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