

Continuous oven for coating materials, incl. cooling zone Type VDL 130/15/400-200°C

Application

Hardening of closing plugs for
medicine vials

Branch

Automation technology,
automotive suppliers

Technical Data

Nominal temperature: 200°C,
Heat output: 39 kW
Nominal voltage:
400V 3N PE AC, 50 Hz

Inner dimensions:

Heating zone:
Width 1300 mm
Height 150 mm
above conveyor belt
length 4050 mm

Cooling zone

Width 1200 mm
Height 200 mm
above conveyor belt
Length 2000 mm

Outer dimensions

Width 1800 mm
Height 1900 mm
length 8410 mm

System description

- Outer housing made of electrolytically galvanised steel sheet with off-white protective lacquer (RAL 9002)
- Interior housing made of aluminised steel sheet, seal welded
- Pneumatic lift doors
- Horizontal air flow, transversally to conveying direction transverse direction
- Chain conveyor with workpiece carrier
- Conveying equipment in cyclic operation

Special features

- installation in clean room, class 100.00
- Spatial temperature deviation ± 2 °C at 180°C measure over 3 m heating zone length
- recirculation air volume adjustable
- cooling zone with fresh air filter F9
- transport system with conveyor belts made from Teflon
- belt velocity continuously adjustable
- pneumatic belt control system
- conveyor belt system removable for cleaning

