

HOT AIR OVEN

Mod. HA8

For medium and large size objects.

The HA8 represents the most helpfull solution for drying all types of solvent based pad printing and screen printing inks, when temperature up to 200°C is required.



Although the ink used in pad printing can be handled in a short time, accelerate the drying process is normally recommended.

Accelerating the ink drying is however necessary, when using a single-component ink in multicolor printing, in the case of high production volume or when other post-print processes must be performed (ie. product packaging...).

The ink drying shall also be required when using a two-component ink to minimize the time of curing between the binder and the hardener which, otherwise, would take some days at room temperature.

The proper drying of a solvent-based ink for pad printing must have a volume of heated air at adequate temperature to the substrated to be printed such to ensure the evaporation of the solvent from the layer of ink.

TECHNICAL DATA

Power supply
380 V - triple phase + neutral + earth - 50 Hz

Consumption
12,8 KW

Air volume
800 m³/h

Temperature on belt
adjustable up to 200°C

Height of pieces on entry
240 mm

Belt width
500 mm

Lenght of entrance belt
900 mm

Lenght of exit belt
1300 mm

Tunnel lenght
1200 mm

Belt speed
from 0,12 mt/min to 0,80 mt/min

Weight
~ Kg 300

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CHARACTERISTICS

Designed specifically to solve drying and curing challenges related to pad printing and screen printing inks.

Heavily insulated to minimize thermal leakage, ensure operator safety and reduce operation costs.

Power selector of electric resistances (full - 3/4 - off).

Heatproof safety grids to prevent accidental contacts. Placed at the entrance and exit of the oven's tunnel.

Designed to provide a high volume of recirculating air flow. This improves solvent evaporation at a lower temperature, reducing costs and improving drying performance on temperature sensitive parts.

Pre-arranged for connecting up to 3 modules for pieces cooling (optional).

Centrifugal motorfan for the suction of fumes and odors that come out from the heating chamber and for the control of the mixing of clean/exhausted air in its inside.

Wired glass Teflon coated feeding belt with adjustable speed.

The internal height of the span allows the drying of objects placed in a vertical position up to 240 mm.

Perfect uniformity of temperature in all areas of the baking chamber.

Designed to reduce to minimum energy costs. Low operating noise.

Wheeled Stand floor with adjustable height (step 5 cm).

Filter to prevent to motorfan and heating resistors to get dirty.

Control panel with micro-computer to controlling the temperature and speed of the belt.

OPTIONAL

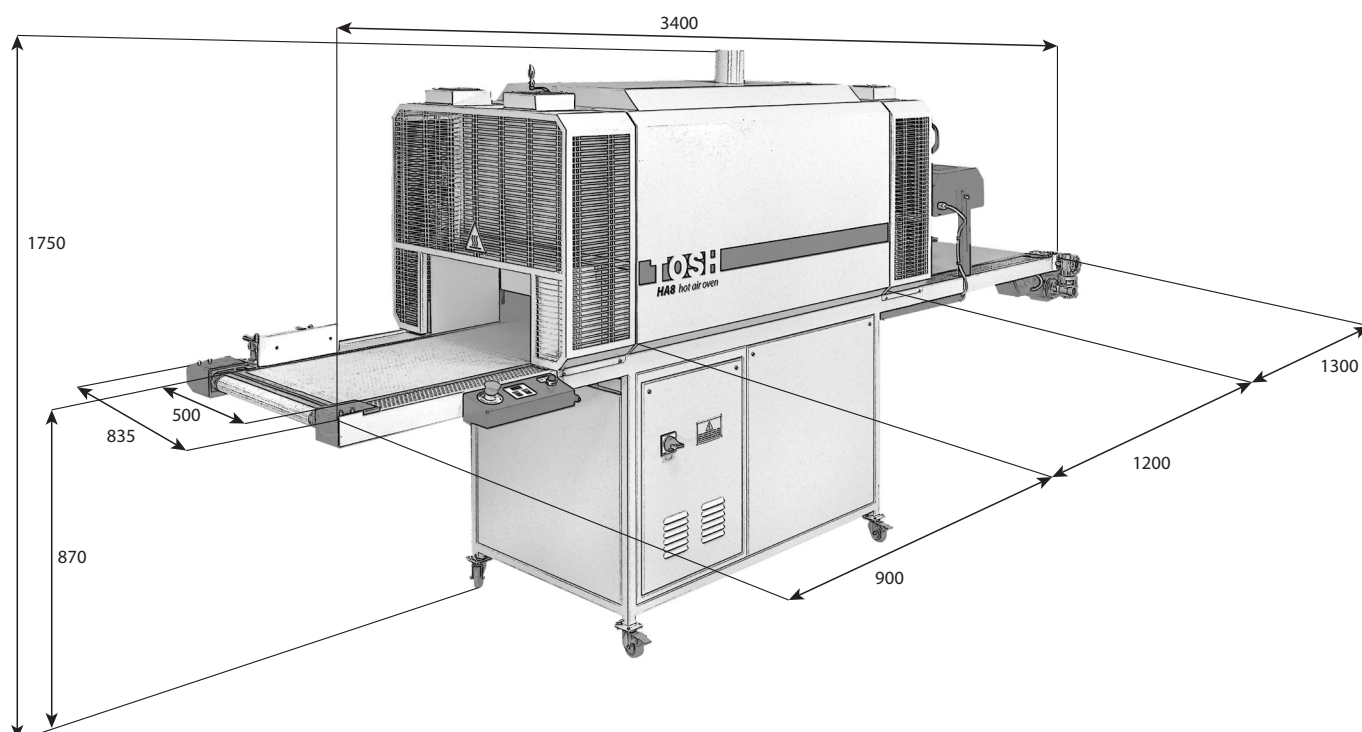
Module for pieces cooling Mod. CA8/B

Potentiometer

Side rails

Differential switch 25A

SIZE (mm)



SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

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