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## INO Dryer HA

### Drying oven

Tunnel oven with transport belt INO Dryer HA is a multi purpose device for ink drying on glass. Tunnel oven can consist of various combinations of following units:

#### 1. Drying unit with hot air

To dry ink on glass, the most appropriate system is air blowing and air suction from the upper part. Vapour saturated air is exhausted by additional fan and adjustable trap. Fresh air is brought in through a filter and adjustable trap.

#### Technical characteristics – drying unit

|                                  |   |
|----------------------------------|---|
| Drying unit length               | 2000 mm   |
| Air temperature                  | Adjustable up to 180°C within individual drying units |
| Individual unit power connection | Approx. 30 kW (heaters 27 kW, fan 2,2 kW)             |

#### 2. Cooling unit with air at ambient temperature

When leaving the drying unit, glass temperature is of 85°C. Ambience air temperature cooling unit brings glass temperature to approximately 50°C, so the operator can remove glass by the use of gloves. Unit consists of two fans: one's function is to suck ambience air and blow it through air-jets onto glass; the other's function is to suck air from cooling unit and exhaust it outside the premises.

#### Technical characteristics – cooling unit

|                     |                               |
|---------------------|-------------------------------|
| Cooling unit length | 1500 mm                       |
| Power connection    | Approx. 5 kW (2 x fan 2,2 kW) |



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### Technical characteristics – overall

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|                      |               |
|----------------------|---------------|
| Transport belt speed | 0,5 – 5 m/min |
|----------------------|---------------|

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#### Versions:

| <b>INO Dryer HA1 700</b> | <b>INO Dryer HA1 800</b> | <b>INO Dryer HA1 1000</b> |
|--------------------------|--------------------------|---------------------------|
| 1x 2 m hot air drying    | 1x 2 m hot air drying    | 1x 2 m hot air drying     |

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| <b>INO Dryer HA2 700</b>                | <b>INO Dryer HA2 800</b>                | <b>INO Dryer HA2 1000</b>               |
|---|---|---|
| 1x 2 m hot air drying<br>1x 1,5 cooling | 1x 2 m hot air drying<br>1x 1,5 cooling | 1x 2 m hot air drying<br>1x 1,5 cooling |

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| <b>INO Dryer HA3 700</b> | <b>INO Dryer HA3 800</b> | <b>INO Dryer HA3 1000</b> |
|--------------------------|--------------------------|---------------------------|
| 2x 2 m hot air drying    | 2x 2 m hot air drying    | 2x 2 m hot air drying     |

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| <b>INO Dryer HA4 700</b>                | <b>INO Dryer HA4 800</b>                | <b>INO Dryer HA4 1000</b>               |
|---|---|---|
| 2x 2 m hot air drying<br>1x 1,5 cooling | 2x 2 m hot air drying<br>1x 1,5 cooling | 2x 2 m hot air drying<br>1x 1,5 cooling |

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