



INO, d.o.o., Žiri, Industrijska ulica 14, 4226 Žiri, Slovenija
T: +386 4 505 11 00, F: +386 4 505 11 12, E: info@ino-ziri.si
www.ino-ziri.si



INO Dryer GA

Drying oven

Tunnel oven with transport cylinders INO Dryer GA 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. Vapor saturated air is exhausted by additional ventilator 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. 60 kW (2 x heaters 27 kW, 2 x fan 2,2 kW)

2. Cooling unit with ambience air temperature

When leaving the drying unit, glass temperature is of 85°C. Ambience air temperature cooling units 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.



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Technical characteristics – cooling unit

Cooling unit length	2000 mm
Power connection	Approx. 10 kW (4 x fan 2,2 kW)

Technical characteristics – overall

Transport speed	0,5 – 5 m/min
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Versions:

INO Dryer GA1 1500	INO Dryer GA1 2200	INO Dryer GA1 3300
1x 2 m hot air drying	1x 2 m hot air drying	1x 2 m hot air drying

INO Dryer GA2 1500	INO Dryer GA2 2200	INO Dryer GA2 3300
1x 2 m hot air drying 1x 1,5 cooling	1x 2 m hot air drying 1x 1,5 cooling	1x 2 m hot air drying 1x 1,5 cooling

INO Dryer GA3 1500	INO Dryer GA3 2200	INO Dryer GA3 3300
2x 2 m hot air drying	2x 2 m hot air drying	2x 2 m hot air drying

INO Dryer GA4 1500	INO Dryer GA4 2200	INO Dryer GA4 3300
2x 2 m hot air drying 1x 1,5 cooling	2x 2 m hot air drying 1x 1,5 cooling	2x 2 m hot air drying 1x 1,5 cooling