

viprotech

Vipro UV-dryer



Viprotech
keeps
screen
printing
moving

A complete and independent working UV-dryer complete with an in- and outlet for curing of UV-inks on several materials. The unit, that contains a 120/80 W /cm UV-lamp, amply suffices in combination with $\frac{1}{2}$ and $\frac{3}{4}$ automatic screen printing lines. If desired for higher production speed the unit can be equipped with a second or higher capacity lamp. The unique lamp reflector has an elliptic shape and concentrates the useful UV-radiation such that it supports hardening of the ink and the anchorage of it to the material but reduces warming of the material itself to a minimum. Powerful but silent ventilators guarantee besides the required UV-lamp cooling and ozon extraction an extra cooling of the printed material. Underneath the lamp there is a wide vacuum field to prevent materials from flying. The entire hood can easily be opened for service operations. Removable panels take effectively care of scattered light. The unit, available in different working widths, has its own control panel. The speed of the tefloncoated fibre glass transportbelt is stepless adjustable from 10 - 40 mtr/min.

| | |
|-----------------------|-------------------------------------|
| UV-section length | 600 mm (1 lamp) 900 mm (2 lamps) |
| Inlet height | 830 mm |
| Inlet length | 1250 mm |
| Outlet length | 750 mm |
| Electrical connection | 400 V, 50 Hz, 3 phases+N+Pe |
| Air exhaust | Ø200 mm |

Options

- Extension in/outlet (each 250 mm)
- Frame construction on wheels
- Vacuum under inlet
- Automatic "stand-by" when material flow stops
- Automatic belt control
- Vipro UV-Integrator (measuring unit) 250-410 nm

UV-dryer (1 lamp) 120/80 W/cm

| Usefull width | Belt width | Ventilator capacity | Power connection |
|---------------|------------|-------------------------|------------------|
| 750 mm | 900 mm | 2700 m ³ /hr | 7,5 kW |
| 900 mm | 1050 mm | 2700 m ³ /hr | 9,0 kW |
| 1050 mm | 1200 mm | 2700 m ³ /hr | 10,5 kW |
| 1250 mm | 1400 mm | 2700 m ³ /hr | 12,5 kW |
| 1450 mm | 1600 mm | 3250 m ³ /hr | 14,5 kW |
| 1650 mm | 1800 mm | 3250 m ³ /hr | 16,0 kW |
| 1850 mm | 2000 mm | 3250 m ³ /hr | 18,0 kW |
| 2050 mm | 2200 mm | 3250 m ³ /hr | 20,0 kW |

UV-dryer (2 lamps) 120/80 W/cm

| Usefull width | Belt width | Ventilator capacity | Power connection |
|---------------|------------|-------------------------|------------------|
| 750 mm | 900 mm | 3250 m ³ /hr | 14,5 kW |
| 900 mm | 1050 mm | 3250 m ³ /hr | 17,0 kW |
| 1050 mm | 1200 mm | 3250 m ³ /hr | 20,0 kW |
| 1250 mm | 1400 mm | 3250 m ³ /hr | 23,5 kW |
| 1450 mm | 1600 mm | 3250 m ³ /hr | 27,0 kW |
| 1650 mm | 1800 mm | 3250 m ³ /hr | 30,5 kW |
| 1850 mm | 2000 mm | 3250 m ³ /hr | 33,5 kW |
| 2050 mm | 2200 mm | 3250 m ³ /hr | 37,0 kW |

Technical changes reserved

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