

viprotech

Vipro UV-module



Viprotech
keeps
screen
printing
moving

A complete UV-drying unit for curing of UV-inks on various materials, suitable for building into new or existing dryers. The unit, that contains a 120/80 W/cm UV-lamp, producing output sufficient to accommodate most UV-ink formulas on semiautomatic 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 curing of the ink, but reduces warming of the material itself to a minimum. Powerful but silent ventilators guarantee besides the required UV-lamp cooling and ozone extraction an extra cooling of the printed material. This system employs a vacuum hold down system to hold the printed substrate while passing through the curing system. 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. If necessary, we recommend the belt in existing dryers to be replaced by a teflon coated one.

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

Options

- Automatic "standby" when material flow stops
- Automatic belt control

UV-module (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-module (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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