



UVC-8

UV Light-Curing Conveyor

- Maintenance-free, PTFE non-stick coated belt with adjustable belt drive (0.5-12 m/min range)
- Controlled and consistent cure times
- Reliable, heavy-duty conveyor design
- Optional intensity adjustment (40-100%)
- Ideal for use in laboratories and for small size production
- Lamp height adjustment (60 - 100 mm) to accommodate various part heights
- Digital control panel, compact PLC
- Ideal for curing on a variety of substrates including glass, metal, plastic, printed circuit boards, and paper
- Fully shielded lamp enclosures
- Fast cures for high throughput
- 220-mm belt width
- Aluminum lamp reflectors
- Optional dichroic lamp reflectors and IR filters for curing on temperature sensitive substrates are also available
- Optional PLC with UV monitoring on request

The Dymax UVC-8 Conveyor is designed for curing UV/Visible light-curable adhesives, coatings, and inks. This cost-efficient and versatile conveyor system is perfect for both production and lab environments, and can be used in a number of different industries. Typical substrates that are bonded, coated, or encapsulated include paper, plastic, metal, glass, laminated materials, printed circuit boards, and many others.

The UVC-8 Conveyor is equipped with a 220 mm wide PTFE non-stick coated belt and can be outfitted with one, two, or three UV lamps. The distance between the lamp and the belt can be manually adjusted (between 60-100 mm) as well as the belt speed (0.5-12 m/min). This enables the operator to tailor the curing conditions to the specific application. The conveyor also features a digital control panel where various parameters such as operating hours, lamp current, and the UV set point can be monitored.

Specifications	
Electrical Requirements	3 x 400V/N/PE, 50 Hz
Number of Lamps	1, 2, or 3 UV lamps
Lamp Power	2000 W per bulb
Intensity (UVA)	800 mW/cm ² (typical Intensity new bulb at 60 mm distance)*
Vertical Clearance	Adjustable 60-100 mm
Dimensions (W x L x H)	1,100 mm x 1,000 mm x 1,200 mm
Working Height (Floor to Belt)	900 mm on wheel kit or 900 - 950 mm with adjustable screws
Control	Compact PLC
Belt Material	PTFE non-stick coated fiberglass
Belt Width	220 mm
Belt Speed	Adjustable from 0.5-12 m/min
Bulbs	Metal Halide (Fe) - Standard, Mercury (Hg), Gallium (Ga)
Air Exhaust	500 m ³ /h
Net Weight	180 kg

