

# UV dryer with edge conveyor



## Application:

UV drying and curing of all UV reactive materials, i.e. conformal coatings, adhesives, resins and UV inks. Useable for stand alone and inline production.

## Design:

The continuously adjustable power control of the lamps between 40 and 100 % UV output enables an optimal adjustment of the UV power ( 500–5000 mJ/cm<sup>2</sup> ) to the belt speed ( 0,3 to 3,0 m/min ).

## Advantages:

UV-cross linking during fast horizontal transport, controlled UV dose on substrates, flexible adaptation to different process requirements, program storage in the PLC control.

## Technical Information UV dryer with edge conveyor

Special designed high gloss furnished reflector which also undercuts the components

- Quick start UV lamp
- Uv energy 80-120 W/cm
- Belt speed: 1,0 - 10,0 m/min (others on request)
- Belt width: 300 mm
- Working width: max. 350 mm
- Substrate height: approx 100 mm (others on request)
- Electrical supply: 400 V / 50 Hz / 3~
- CE-Sign

The UV dryer with edge conveyor are used successfully in:  
electronic industry, automotive industry and engineering.

*These are just a few examples from the various partner portfolio of Beltron.*