



UV Conveyor Belt *ConVey LED*

System-Features

- Belt width
110 - 520 mm
- Belt speed
up to 20 m/min*
- Tunnel height
up to 50 mm*

* adaptable to
respective application

Advantages

- Flexible use for various applications
- Can be equipped with many kinds of LED-UV units, specially with the IC-units (Integrated Controller) by Hönle

UV Conveyor Belt ConVey LED

A flexible UV conveyor belt is an absolute must-have for developing varnishes, inks and adhesives, as well as for simulating manufacturing processes in the laboratory. In addition, it is essential for small production series.

ConVey LED is a table-top conveyor which can be equipped with several technologies: According to the application, different LED-UV devices can be easily integrated, for IC-units (Integrated Control) not even a separate controller is needed.

The conveyor is provided with an operating panel to adjust belt speed and power of the LED device via a potentiometer.

Optional LED-UV and UV Equipment

- LED Powerline AC/IC HP
- LED Spot 100 IC / HP IC
- LED Powerline LC
- jetCURE LED

Optionally, the conveyor can be equipped with gas discharge technology and it is also possible to combine different curing devices.

Design

- Temperature and UV resistant teflon-coated glass fibre conveyor belt
- Process reliability due to digital display of current belt speed
- When conveyor belt is switched off: automatic safety shutdown of LED-UV lamp(s)
- Variable tunnel height (adjustable)
- Belt suction to prevent material from floating

Technical data

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| Irradiation width | according to customer demand |
| Wavelength +/- 10 nm | 365, 385, 395, 405, 460 nm |
| Power | up to 25 W/cm ² |
| Power control | 10 to 100 % continuous |
| Speed range | according to customer demand • for bonding applications e.g.: 0,1 - 2,0 m/min • for printing applications e.g.: 3,0 - 20,0 m/min |
| Dimensions without tunnel and LED unit in mm (WxLxH) | available in different dimensions: min. 252 x 750 x 230 max. 645 x 1487 x 330 |



Equipment options for conveyor belt



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