

# LT Series – Lab conveyor for UV lamps

For smaller productions, R&D and laboratory use

The Efsen conveyors are specifically developed for use in smaller productions, development processes and for laboratory testing. The conveyor is designed for integration of Fusion UV Systems and Efsen WoodCure UV lamps but can also be customized to match customer specific needs.

The LT Series are flexible curing machines consisting of one or more UV lamps mounted in a lamp fixture on a conveyor with external power supply.

Efsen LT conveyors are available in many different variations. It can be build with one to five lamps mounted next to each other. See the illustration below for possible combinations.

LT6-1F300 with adjustable height is i.e. an ideal lab unit, where units with widths up to 150 mm can be tested. The Fusion UV system makes it flexible in regards to bulbs, efficiency and reflector types. This unit is often used for development and control of UV curing coatings, inks colour and glue.

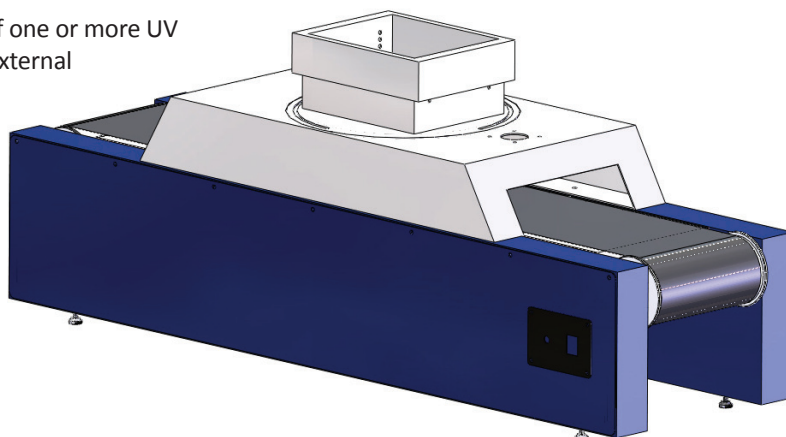
Various lamp fixtures can be build on the LT Series to function as light shield. The lamp fixtures can be height adjustable and can be used as guide walls to ensure the material always to be positioned on the same place. Further it can be made rotatable for the lamp to cure the material horizontally or vertically.

The conveyor is equipped with a teflon coated belt with standard speed interval from 4-40 m/min. This can be adjusted as needed.

The conveyors weigh from 52 kgs to 120 kgs.

### Technical assistance

Different applications and tests require various lamp systems, reflectors and UV bulb types. The optimal combination of this is based on several factors in the demand of the end product. Please contact us if you would like to discuss your specific need. We will then be able to offer you the optimal solution for your given application.



Model LT6-1F300 with UV efficiency of 120 W/cm and curing width of 150 cm

### LT conveyors with Fusion lamps

Curing width	LT6-1F300	LT6-2F300	LT6-3F300
150 mm	[F300]	[F300] [F300]	[F300] [F300] [F300]
	LT12-1F300	LT12-2F300	LT12-3F300
300 mm	[F300] [F300]	[F300] [F300] [F300] [F300]	[F300] [F300] [F300] [F300] [F300] [F300]
	LT10-1F600	LT10-2F600	LT10-3F600
250 mm	[F600]	[F600] [F600]	[F600] [F600] [F600]
	LT20-1F600	LT20-2F600	LT20-3F600
500 mm	[F600] [F600]	[F600] [F600] [F600] [F600]	[F600] [F600] [F600] [F600] [F600] [F600]

### LT conveyors with WoodCure lamps

Curing width	LT12-1WC	LT12-2WC	LT12-3WC
300 mm	[WC]	[WC] [WC]	[WC] [WC] [WC]

### Further information

Efsen Engineering A/S is an engineering company specialized in UV technology within the fields of curing lacquers and surface treatment. We advise, serve and sell technical equipment within UV technology with focus on creating value for the customer.

For more detailed information regarding price, delivery time and further specifications, please contact us or QR code.

