UV-9

EXELSIUS

UV ARC CURING OVEN

A WORLDWIDE REFERENCE FOR YOUR IN-LINE UV CURING PROCESSES

BROAD PROCESS SPECTRUM FOR CURING VARIOUS TYPES OF UV COATINGS AND ADHESIVES

PATENTED CONTROL LOOP FOR NOMINAL PROCESS

PROVEN INDUSTRIAL SOLUTION

UV-9

UV-9 TECHNOLOGY

The UV-9 oven uses medium-pressure UV Arc technology, offering a broad spectrum of UV wavelengths.

In combination with an integration specially designed for this application, the UV-9 oven offers a wide range of intensities and powers to meet the majority of existing and future UV process requirements on the market. The integration of UV Arc technology in our UV-9 curing ovens is primarily a result of our focus on human safety, which underlies our cooling and extraction solutions.

Our aim is to keep your teams safe while optimizing your operating costs, thanks in particular to long lamp life and lowest extraction volumes.

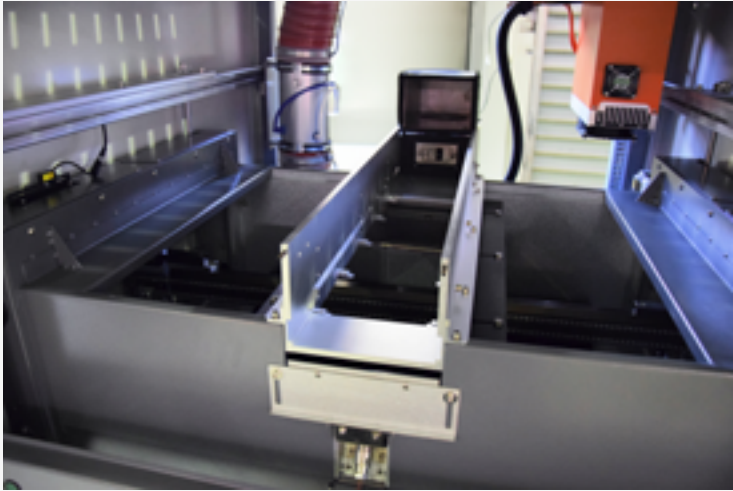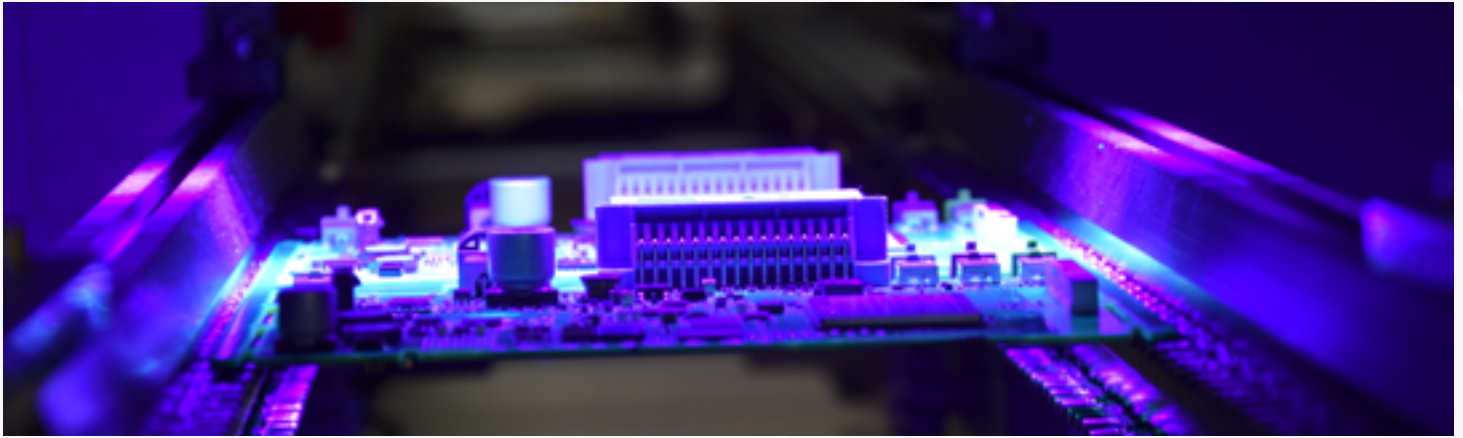### HIGH FLEXIBILITY TO SUIT YOUR UV ARC CURING PROCESSES

Combined with its integration, UV Arc technology offers great flexibility in terms of UV curing processes (mW/cm² to mJ/cm²). The UV-9 Arc oven thus meets the curing needs of different types of UV coatings and adhesives.
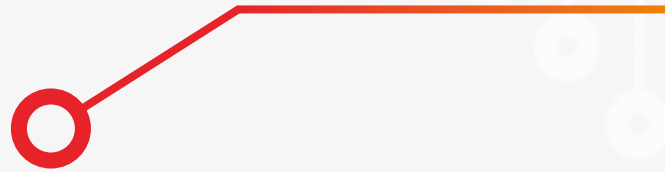
DETAILED TRACEABILITY OF CURING PARAMETERS

Thanks to a control loop patented by EXELSIUS, the UV-9 oven enables continuous monitoring of the UV exposure process. Combined with an identification system, it also enables you to ensure detailed traceability of all curing parameters.

DESIGNED TO OPTIMIZE OPERATING COSTS

After more than 10 years on the market and hundreds of units installed worldwide, the EXELSIUS UV-9 oven is a true industry benchmark. Its design is geared to optimizing operating costs: minimal footprint, short production cycle, etc.

TECHNICAL DATA

	UV-9 TOP MODULE	UV-9 TOP/BOT MODULE
Dimensions (LxWxH) excluding signal tower	1140 x 1200 x 1590 mm	1700 x 1200 x 1590 mm
Power supply	400/480 V AC - 50/60 Hz - Three-phase	400/480 V AC - 50/60 Hz - Three-phase
Installed capacity	6.5 kW	12.5 kW
Weight	430 kg	580 kg
Extraction diameter	125 mm	300 mm
Extraction rate	up to 450 m3/h	up to 900 m3/h
CONVEYORS		
Standard conveyor type	5 mm pin top chain	
Clearance height	+/- 100 mm	
Width (automatic setting)	50 to 450 mm	
Speed	500 to 3500 mm/min	
Conveying height	between 940 and 965 mm	
Maximum load	3 kg/product	

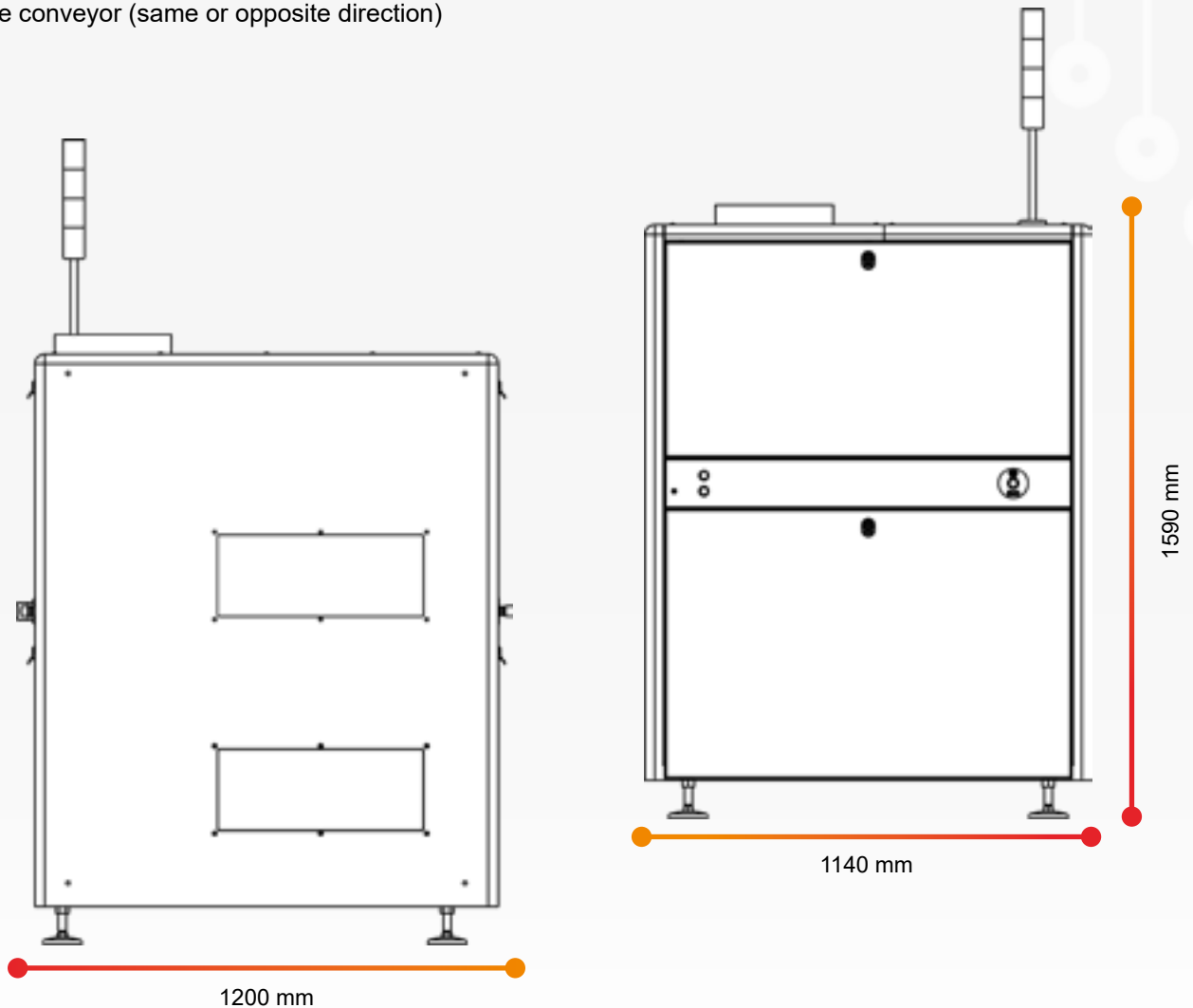*These specifications are not binding*

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OPTIONS

- UV control loop
- Special UV arc lamps: iron-doped / gallium-doped / other lamps on request
- Short lamp module
- Low-temperature UV filter
- Right-left conveyor
- Heavy load conveyor (8 kg/product)
- Dual lane conveyor (same or opposite direction)

- MES/FIS traceability
- Touch interface
- Mobile reflector

Some options are not compatible with each other.

1200 mm

1140 mm

1590 mm

For more information on this equipment, scan the QR code and contact our sales team.