

XPHU

EXELSIUS

PREHEATING OVEN BEFORE UNDERFILL



THE PREHEATING SOLUTION DESIGNED FOR RELIABLE,
HIGH-PERFORMANCE ASSEMBLY PROCESSES

EVEN HEAT
DISTRIBUTION FOR
A HOMOGENEOUS
PROCESS

MEETS
COMPONENTS'
THERMAL
REQUIREMENTS

OPTIMIZATION OF
CYCLE TIMES AND
MAIN FUNCTIONS
OF EACH PIECE OF
EQUIPMENT

XPHU

XPHU TECHNOLOGY



The XPHU preheating oven has been designed to meet the growing need for underfill processes in the automotive industry, where production rates have been speeding up.

By combining convective technology optimized for this application, a top or top/bot configuration, and a multi-segment conveyor, the XPHU oven offers an optimal solution for underfill requirements.

The XPHU preheating oven lets you prepare products at the right process temperature before applying the underfill, leaving your dosing equipment to take care of deposition. Each piece of equipment is thus used optimally for its main function.

CONVECTIVE PHASE TECHNOLOGY FOR UNDERFILL QUALITY

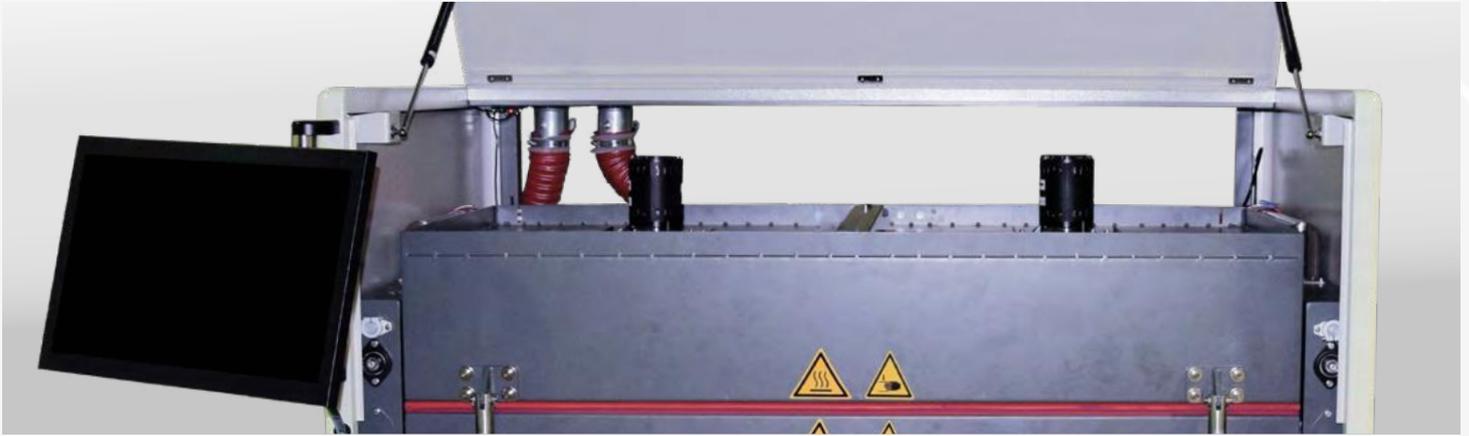
The XPHU oven uses convective technology to ensure temperature uniformity throughout the preheating process. A major asset for the quality of your underfill process.

CONTROL OF THE TEMPERATURE REQUIRED FOR THE UNDERFILL PROCESS

This convective phase technology enables you to reach the ideal temperature for underfill resin migration, with excellent homogeneity and no risk of overheating, even if the production flow is interrupted unexpectedly.

RAPID TRANSFER TO DOSING EQUIPMENT, WITHOUT HEAT LOSS

Thanks to its multi-segment conveyor, product dwell time in the XPHU preheating oven is optimized. Loading and unloading times are reduced, minimizing heat loss between the oven and the dosing machine.



TECHNICAL DATA

STANDARD XPHU

Dimensions (LxWxH) excluding signal tower	1700 x 1240 x 1540 mm
Power supply	400V + N+G - Three-phase
Installed capacity	7 or 11 kW depending on configuration
Weight	430 kg
Extraction rate	150 to 250 m ³ /h
CONVEYORS	
Standard conveyor type	5 mm pin top chain
Clearance height	+/- 35 mm
Length (3 segments)	Segment 1 : 460 mm / Segment 2 : 770 mm / Segment 3 : 460 mm
Width (electric width adjustment)	50 to 450 mm
Conveying height	950 +/- 50 mm

These specifications are not binding

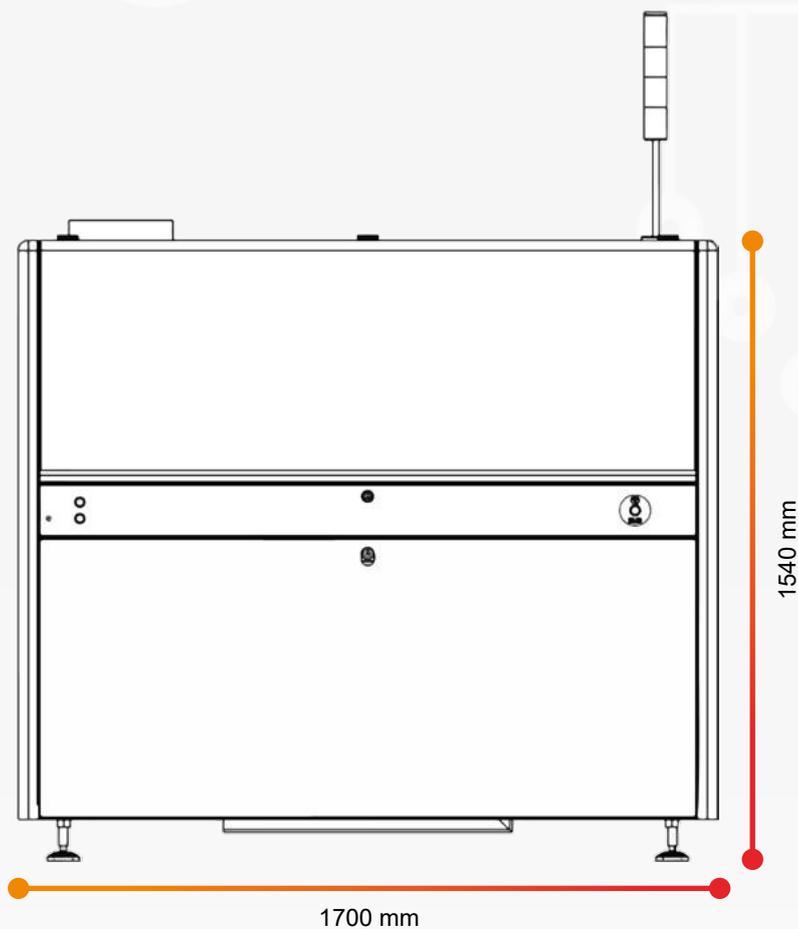
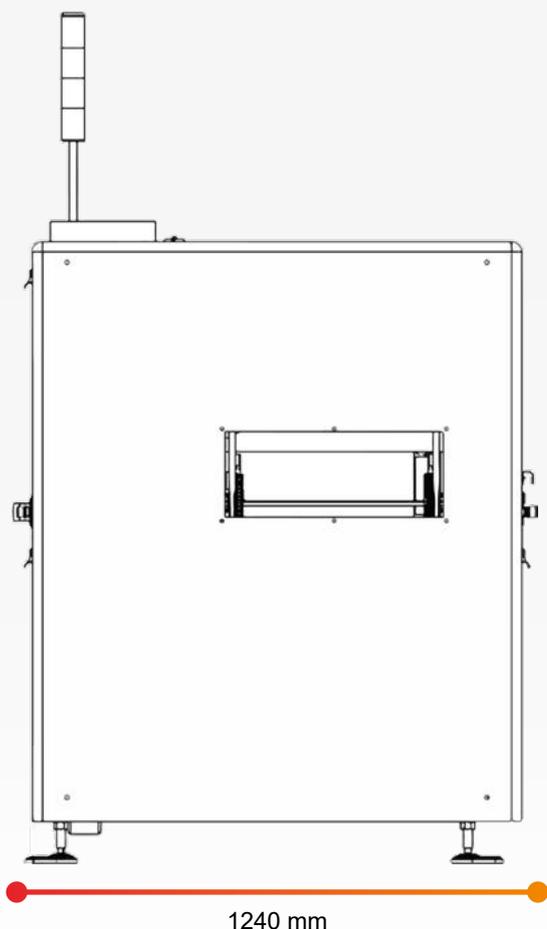
XPHU



OPTIONS

- Dual lane conveyor
- Bottom heating
- Variable convection speed
- Touch screen

Some options are not compatible with each other.



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



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