XGH Standard Product Examples

Two standard oven configurations illustrate chamber orientations, PLC controls, temperature recording and loading arrangements within TINWING's custom curing oven offering.

Dimensions are length × width × height. Specifications apply to these two examples. Custom chamber dimensions, thermal performance and process interfaces are defined for each project.

Specification	XGH-3-1.5-2	XGH-1.5-3-2
Chamber dimensions (L × W × H)	3000 × 1500 × 2000 mm	1500 × 3000 × 2000 mm
Overall dimensions (L × W × H)	3800 × 2120 × 3000 mm	2120 × 3800 × 3000 mm
Operating temperature	Ambient +20 °C to 200 °C	Ambient +20 °C to 200 °C
Specified control accuracy	±1 °C	±1 °C
Temperature uniformity*	±4 °C	±4 °C
Adjustable heating-ramp setting	0.1–5 °C/min	0.1–5 °C/min
Temperature channels	6: 2 control + 4 monitoring	6: 2 control + 4 monitoring
Heating power	51 kW	51 kW
Total installed power	56 kW	56 kW
Circulation motors	4 × 1.1 kW	4 × 1.1 kW
Loading arrangement	Rail-guided electric trolley	Forklift-loaded rack
Door arrangement	Double swing doors	Double swing doors
Temperature records	Touchscreen recording; USB export	Touchscreen recording; USB export

*The proposals specify atmospheric-pressure, no-process-load test conditions and uniformity testing with the trolley included. The measurement zone and survey method are defined in the project technical agreement. Actual heating-ramp performance depends on the workpiece, tooling and load.

Custom oven projects receive their own equipment specifications. Vacuum systems, gas heating and alternative chamber layouts are defined in the project scope. The website photographs illustrate equipment construction and are not assigned to these model specifications.