

TETRIS 1900 BIZONE

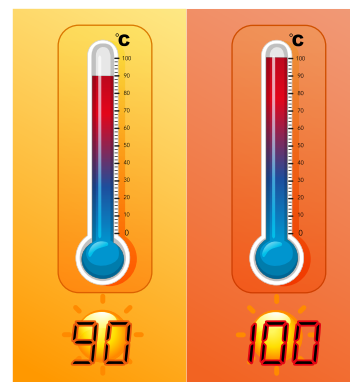
2 INDEPENDENT HEATING ZONES

Max Temperature: up to 200°C in each zone

Drying Area: 2000/4000 x (950 + 950) mm

Independent belt speeds and temperature control for each module

Available only for **DUAL 1900** and **POKER 1900**



DUAL 1900



POKER 1900



**double
temperature
controller**



**forced
hot air
ventilation**



**structure
heavily
insulated**



**power
consumption
minimized**

TECHNICAL DATA	DUAL 1900	POKER 1900
Electrical Requirements	400V 3P + PE 43 A	400V 3P + PE 86 A
Exhaust Specification	180 m ³ /h Ø 150 mm	360 m ³ /h Ø 150 mm
Max Temperature	200°C	200°C
Power Consumption	28 kw	57 kw
Belt Width	2 x 950 mm	2 x 950 mm
Heating Chamber Length	2000 mm	4000 mm
Production - curing time: 5 minutes	220 pieces/h	440 pieces/h
Dimension*	4100 x 2200 x 2250 mm	6100 x 2200 x 2250 mm
Shipping Weight	1050 kg	2200 kg

*Overall dimension may change according to inlet and outlet extensions

NEW TECHNOLOGY

The TETRIS 1900 platform has been divided in two independent 950 modules.

Every module has a dedicated temperature probe, a solid state relay that controls the power to the heating resistor and a separated temperature controller that commands the SSR according to the temperature set-point and the temperature measured by the probe in real time.

The graph below displays temperature readings inside the tunnel in different positions, specifically at 10-45-85-95-135-185cm from left border of the 1900mm wide belt conveyor.

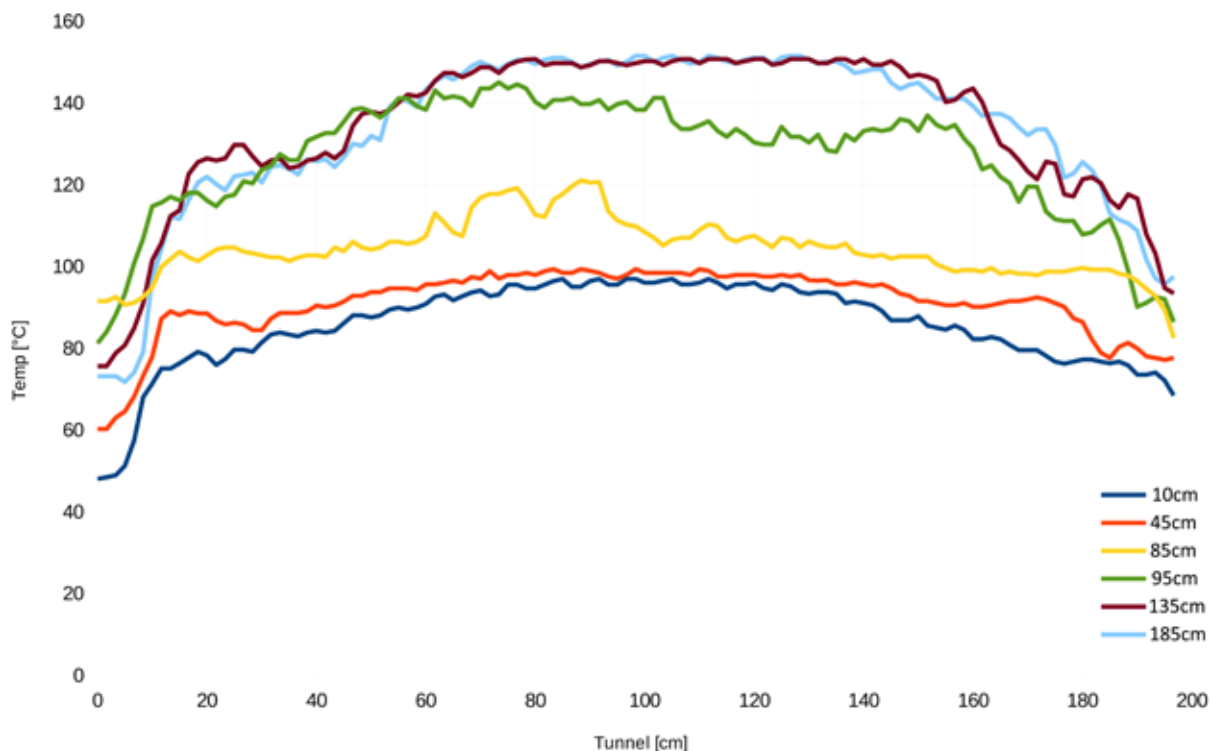
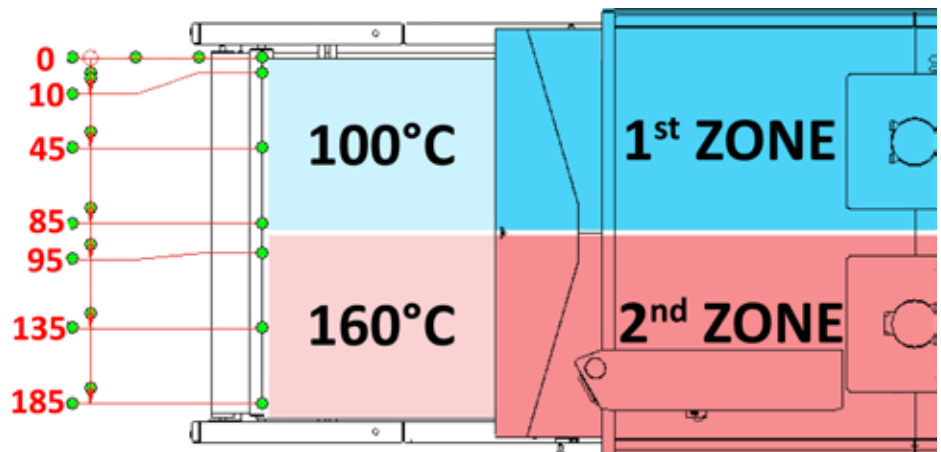
The measurement was carried out using an external high precision probe, placed over a garment.

The test started once the temperature of the left module stabilized at 100°C (positions 10-45-85cm) and the right module at 160°C (positions 95-135-185cm).

Blue, Red and Yellow lines show the temperature readings of the first zone, set at 100°C.

Green, Purple and light Blue lines display the behaviour of the second zone at 160°C.

It is evident the temperature difference between the two modules, with a clear separation even in the closest middle points of the 85cm and 95cm readings.



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