DATA SHEET

Zanolli Synthesis 12/100G-1

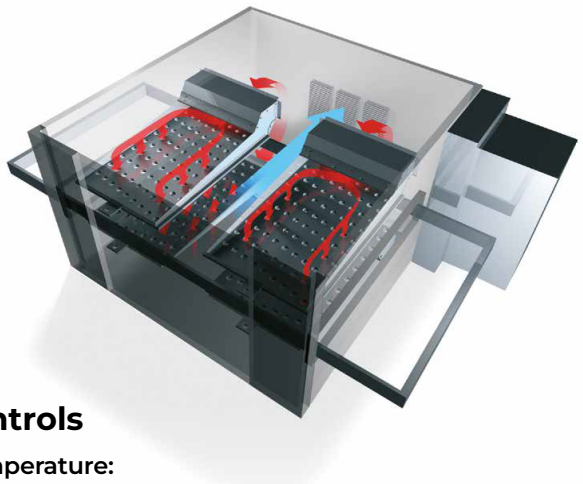
40 Inch Gas Impingment Conveyor Oven

1SV4503C-1 ☐ LPG ☐ NAT

Build

- Built entirely in stainless steel
- Double glazed full width inspection door
- Easy access for thorough cleaning and hygiene
- In built cooling system for all external parts ensures oven is cool to touch and work with.
- Heavy duty construction with reliable and durable components.
- Stackable up to 2 units.
- Optional Heavy duty stand with omnidirectional wheels and brakes





Impingment technology

- Maximum silence of the mesh conveyor system and ventilation motors.
- Latest advancements in air impingement technology allow for rapid heating & cooking of all foods consistently at all times.
- The piercing jets of hot turbulent air encompass every part of the oven delivering exceptional results every time.

Controls

Temperature:

- BRP (power regulation) system reaches working temperature in 20 minutes
- Balanced temperature detection system managed via dual oven probes..
- Maximum cooking temperature up to 320 °C

Advanced control board automatically manages:

- Energy consumption via electronic min/max flame controls contributing to significant savings.
- the cooking intensity ensuring highest performance at the lowest temperatures.

Customizable and Programmable up to:

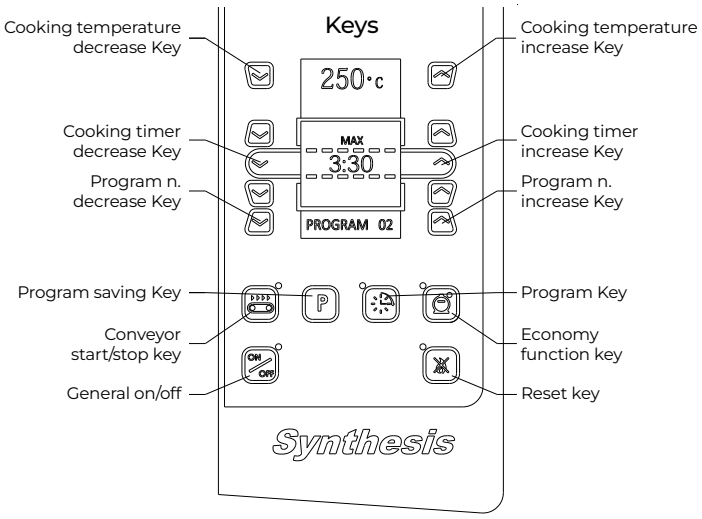
- 10 programmes with unique temperatures and times.
- 2 auto start ups per day with your selected program

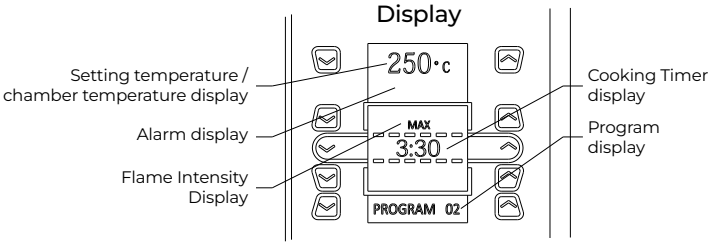
Economy function allows:

- The Economy function enables the oven to maintain a lower temperature when not in active use compared to when it's in operation. This feature conserves energy, leading to cost savings. Additionally, it controls the movement of the wire mesh conveyor, serving a dual purpose beyond just temperature management.

Conveyor:

- Adjustable speed conveyor belt all the way to a complete halt. The dashes on the display move top to





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Technical specifications

External Size

External Width	2445mm
External Depth	1950mm
External Height	710mm

Cooking Chamber size

Internal Width	1300mm
Internal Depth	1010mm
Internal Height	100mm

Conveyor Belt Size

Conveyor Width	2370mm
Conveyor Depth	1010mm

Weight

Net weight	490 kg
package weight	*

Exhaust

Air exchange	160 m3/h
Flame control	Electronic without pilot

Recommended Clearances

Minimum clearance	Left	Rear	Right
Standard	200mm	200mm	200mm

Operating Environment

Temperature	0 - 40 °c
Maximum humidity	95% without condensation
Noise	< 70 decibels

Operation

Conveyor Belt speed	2:20- 30 min / Halt
Maximum Temperature	320°c

Warranty

2 Year Warranty	2 years parts and labour

**Subject to a prevanttitive maintence plan*

Gas & Electircal Specification Per Oven

Connection requirements electric

Electrical connected loads	880 Watts
Voltage	240V
Plug Supplied	Yes, 10 amps
Cable Length	2m

Connection requiring Gas

Gas Pipe	1/2 " Male threaded tail

Injector Diameter

NAT gas	5 x 2.15mm
Universal LPG	5 x 1.2mm

Low flame gas pressure

NAT gas	2.5 mbar	0.25 kpa
Universal LPG	7 mbar	0.7 kpa

High flame gas pressure

NAT gas	10 mbar	1 kpa
Universal LPG	27.5 mba	2.75kpa

Thermal capacity

High flame	165.6 Mj/hr
Low flame	82.8 Mj/hr

High Flame consumption

NAT gas	4,868 m3/h
Universal LPG	3,628 Kg/h

Low Flame consumption

NAT gas	2,434 m3/h
Universal LPG	1,860 Kg/h

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Options

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Micromesh belt - 6mm	
SKU	--

☐

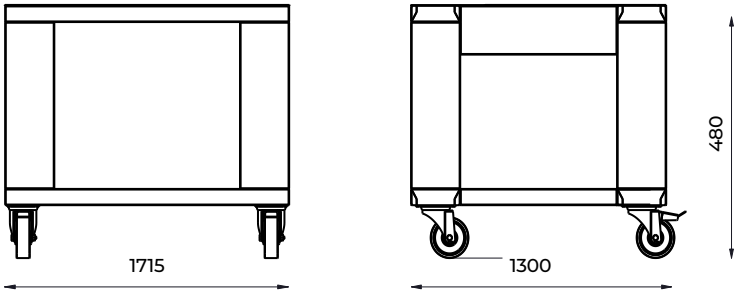
Right to left Belt configuration	
SKU	--

☐

High speed conveyor belt gearbox	
SKU	--

☐

Stand suited for Single/Double deck configuration	
SKU	0SV5A04
Size	1715 x 1300 x 480
Weight	49kg

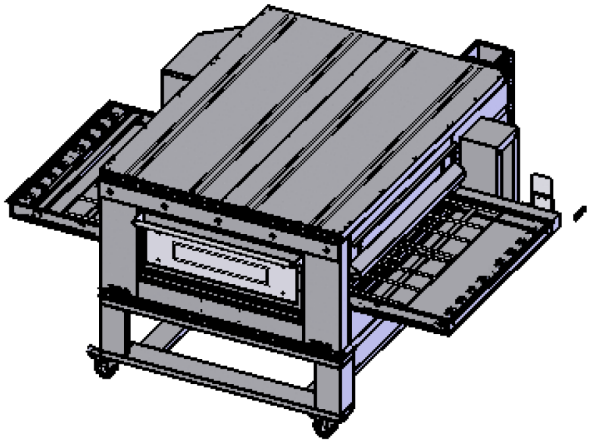


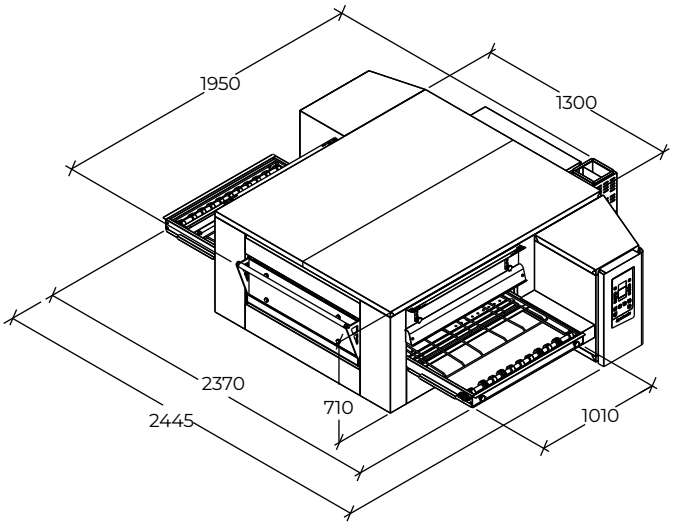
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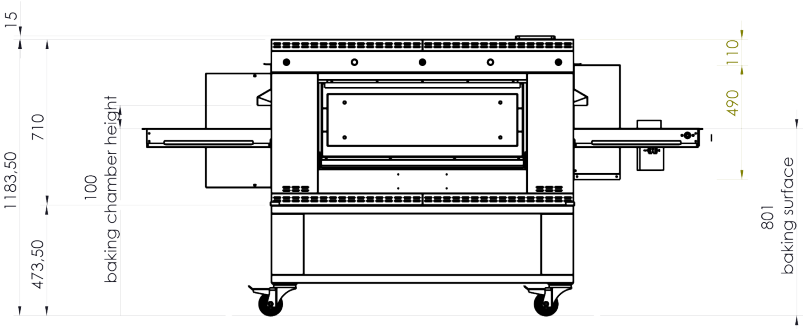
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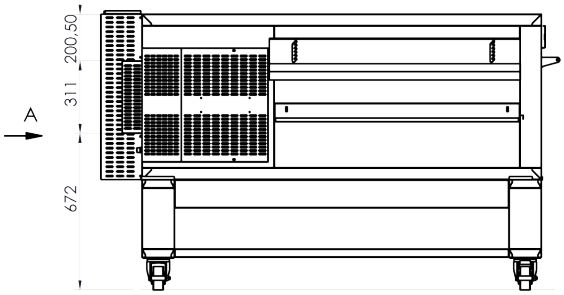
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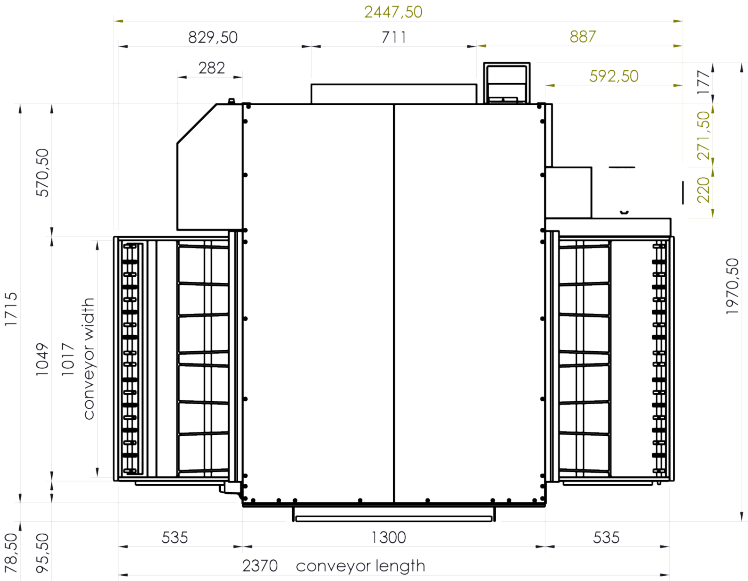
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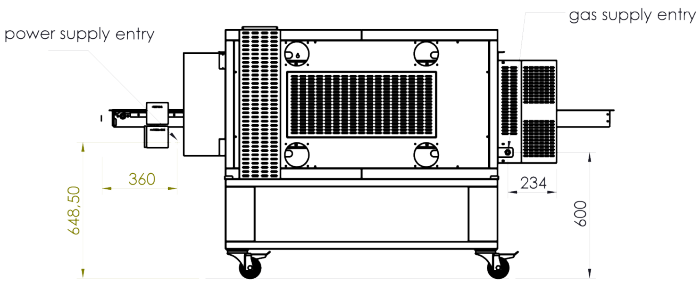












VISTA A SCALA 1 : 30