

# SYNTHESIS 12/100

## GAS CONVEYOR OVEN

### 1SV4503B



## SPECIFICATIONS

|                          |                                              |
|--------------------------|----------------------------------------------|
| Voltage                  | Single Phase, 230 VAC, 50/60 Hz              |
|                          | Current at 220-240 V~, 4A                    |
| Max Power                | 820 Watts                                    |
| Flame Control            | Electronic without pilot                     |
| Gas Absorption           | 166 MJ/h NAT Gas, 166 MJ/h UPLG Gas          |
| Injector Diameter (NAT)  | (G20 - 20 mbar) - 8 x 2.15 mm                |
| Injector Diameter (UPLG) | (G30 - 28...30 mbar) - 8 x 1.20mm            |
| Min pressure (NAT)       | (G20 - 20 mbar) - 0.32Kpa                    |
| Max pressure (NAT)       | (G20 - 20 mbar) - 1 kPa                      |
| Min pressure (UPLG)      | (G30 - 28...30 mbar) - 0.9Kpa                |
| Max pressure (UPLG)      | (G30 - 28...30 mbar) - 2.75 kPa              |
| Consumption (NAT)        | (G20 - 20 mbar) 4,868 m3/h                   |
| Consumption (UPLG)       | (G30 - 28...30 mbar) 3,628 Kg/h              |
| Gas Pipe                 | 1/2 inch                                     |
| Weight                   | 450 kg                                       |
| Conveyor Width           | 40" (1010 mm)                                |
| Conveyor Length          | 2330mm                                       |
| Chamber Length           | 1200mm                                       |
| Chamber Height           | 100mm                                        |
| Cable Length             | 2m                                           |
| Plug Supplied            | Yes, 10 amps                                 |
| Noise level              | < 70 decibels                                |
| Max Humidity             | 95% without condensation                     |
| Ambient Temperature      | 0 - 40°C                                     |
| Thermostat               | 320°C                                        |
| Time Range               | 1:45 minutes - 30 minutes (or complete halt) |
| Warranty                 | 4 Year Warranty (2 yr Labour 4 yr Parts)     |

## DIMENSIONS

|                 |        |                 |        |
|-----------------|--------|-----------------|--------|
| External Width  | 2450mm | Internal Width  | 1300mm |
| External Depth  | 1980mm | Internal Depth  | 1000mm |
| External Height | 720mm  | Internal Height | 100mm  |



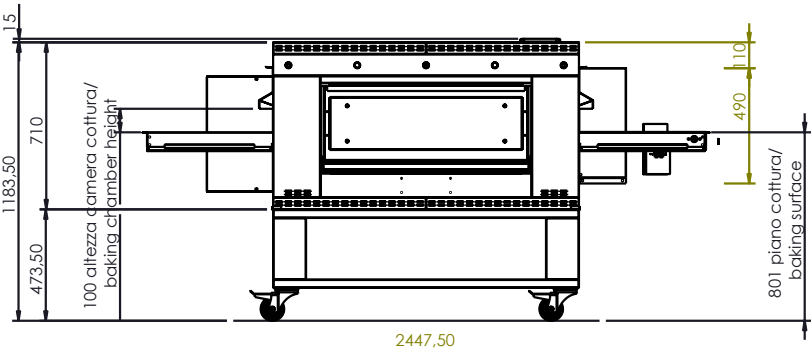
## Main Features

- Made entirely from stainless steel
- Double glazed full width inspection door
- Easy access for thorough cleaning
- Cooling system for contact parts
- Omnidirectional wheels with breaks
- Conveyor belt with variable speed down to a complete halt
- 100 mm high cooking chamber
- Fine tuning of the ventilation flow
- Jets of hot air completely wrap the product as it moves along the wire mesh conveyer giving an evenly cooked result time after time
- All Synthesis ovens are stackable so you can step up your productivity to meet peak demand
- Management of 6 cooking programs: for each program you can set the cooking time and temperature
- Economy function keeps the oven at a lower temperature if it doesn't need to be operated at full working temperature
- Timer for programmed start, digital clock and self diagnostics

# SYNTHESIS 12/100 SINGLE STACK CONVEYOR

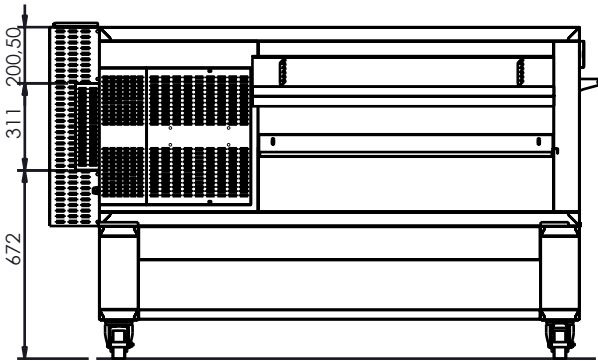


FRONT

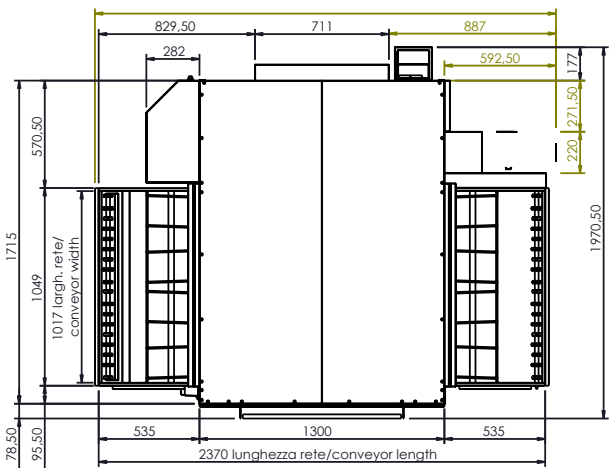


|                            |                               |              |
|----------------------------|-------------------------------|--------------|
| j l a b i L l<br>j l a b i | m l q b k w ^ = L = m l t b o |              |
|                            | GAS kW-(Kcal/h)               | ELETTRICA kW |
| 12/100V GAS                | 45-(38700)                    |              |

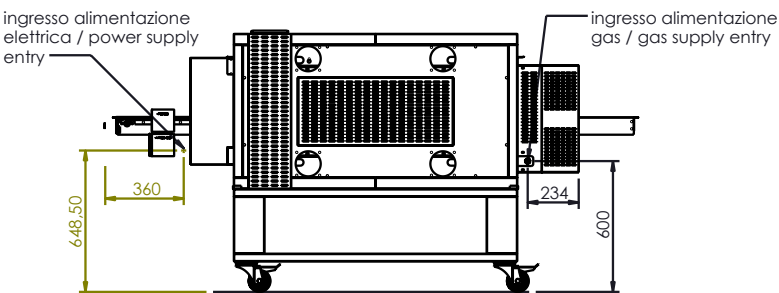
SIDE



TOP



REAR

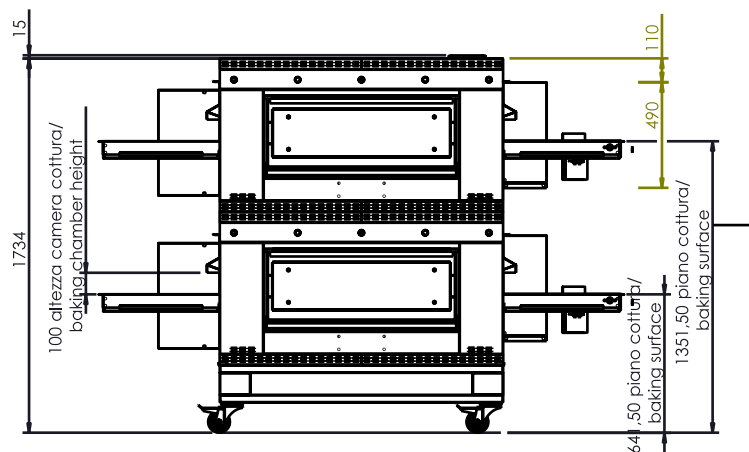


We reserve the right to alter specifications without notice.

# SYNTHESIS 12/100 DOUBLE STACK CONVEYOR

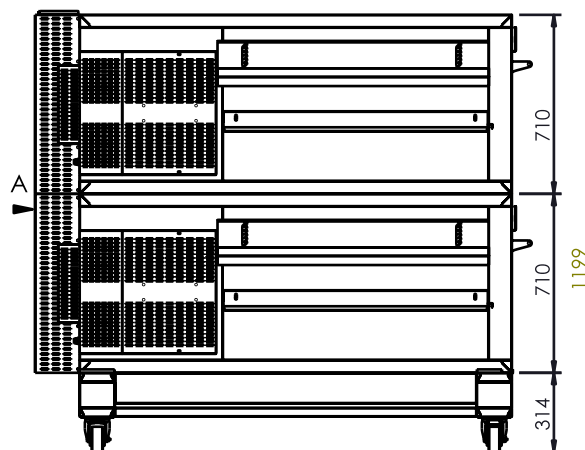


## FRONT

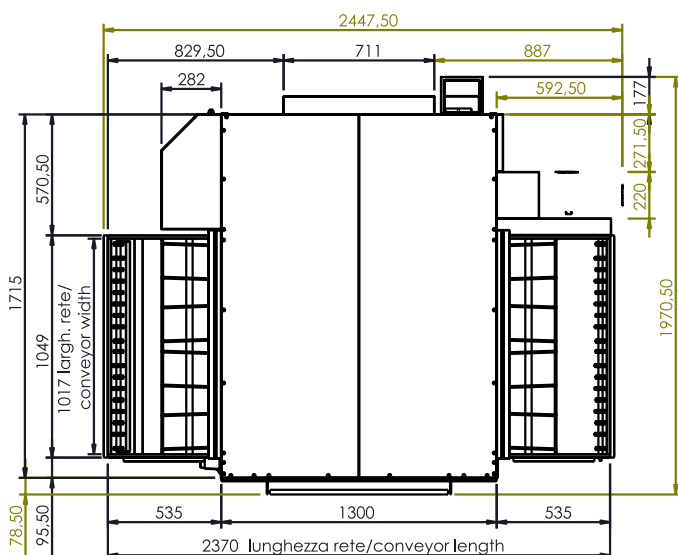


| MODELLO /<br>MODEL                         | POTENZA / POWER |              |
|--------------------------------------------|-----------------|--------------|
|                                            | GAS kW-(Kcal/h) | ELETTRICA kW |
| 12/100V GAS                                | 45-(38700)      |              |
| TOTALE N°2<br>MODULI/ TOTAL<br>N°2 MODULES | 90-(77400)      |              |

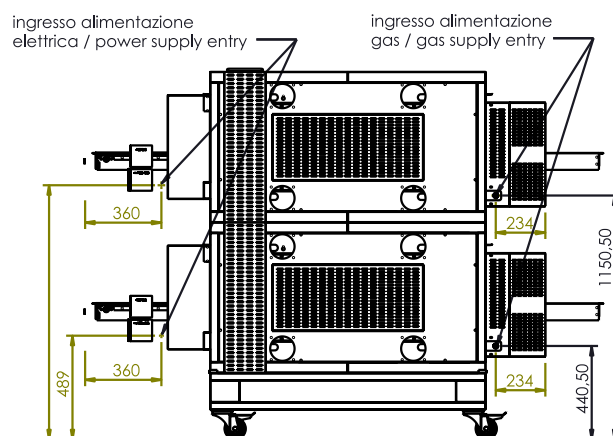
## SIDE



## TOP



## REAR



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