



Tomás Guillén

MAQUINARIA PARA LA INDUSTRIA ALIMENTARIA



BARRIQUAND STERIFLOW ROTARY AUTOCLAVE 5 B



ID:	0000000204499
MAKE	BARRIQUAND STERIFLOW
CAPACITY	16350 L
WORKING PRESSURE	5 BAR
PRESSURE TEST	8.6 BAR
NUMBER OF BASKETS	5
INSIDE DIAMETER	1800 mm
CONTROL PANNEL	INCLUDED
CATEGORY	B
INCLUDED	TUBULAR HEAT EXCHANGER
FREQUENCY	50 Hz
VOLT	380 V
TEST PRESSURE	5 BAR
INCLUDED	CE
No. DOORS	1
MADE OF	STAINLESS STEEL
MODEL	STERIFLOW 1851 R
TEMPERATURE	150°C



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SPACE TOTAL DIMENSIONS

LENGTH	8,450 m	WIDTH	2,610 m	HEIGHT	3,235 m	WEIGHT	4.100,00 Kg
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WORKING DIMENSIONS

LENGTH	5,812 m	WIDTH	1,800 m	HEIGHT	0,000 m
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DESCRIPTION

- Compressed air consumption:
 - Pressure: 6 bar
 - Consumption per cycle: 24 Nm³
 - Required flow rate: 200 Nm³/h
 - Inlet diameter (mm):
 - Pipe diameter: 50 mm.
 - Valve diameter: 32 mm.
 - Electricity:
 - Centrifugal pump power: 15 kW.
 - Hydraulic power for the gate: 3 kW.
 - Gear motor power: 5.5 kW.
 - Process water:
 - Storage volume: 1,700 dm³.
 - Make-up water inlet diameter: 50 mm.
 - Make-up water pressure: +3 bar
 - Discharge diameter: 65 mm.
 - Pump flow rate: 450 m³/h.
 - Heat exchanger: 450 m²
- Consumption may vary depending on the cycle and the temperature before and after sterilization.



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Autoclaves are used to sterilise packaged products that need to reach high temperatures (over 100°C) to eliminate or inactivate pathogenic microorganisms.

Rotary autoclaves: these are used to sterilise products that present greater difficulties in heat transfer. Examples include vegetables in grains, grated or diced form, and beverages such as milkshakes, teas, coffees or evaporated milk. In this type, the basket rotates within the autoclave, agitating the contents and preventing the pieces closest to the sides of the container from burning.

SPECIFICATIONS:

- Overall basket dimensions: 1.10 m x 0.98 m x 0.93 m.
- Useful tray dimensions: 1.01 m x 0.90 m x 0.055 m.
- Pouch capacity (250 g): 3,960 units.
- Steam consumption:
- Pressure: 6 bar.
- Steam consumption: 1,050 kg.
- Required flow rate: 4,000 kg/h.
- Steam inlet diameter (mm):
- Pipe diameter: 100 mm.
- Valve diameter: 80 mm.
- Steam/condensate outlet diameter: 2 x 40 mm.
- Steam bypass diameter: 40 mm.
- Cold water consumption:
- Pressure: 3 bar.
- Cold water consumption: 16 m³
- Required flow rate: 40/50 m³/h.
- Cold water diameter (mm):
- Pipe diameter: 100 mm.
- Valve diameter: 80 mm.
- Cooling water outlet (valve diameter): 2 x 50





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