

## Automatic Wafer Baking Machine SW Series



Hardened &  
Ground Tracks



Easy Accesibility



Gas Train



Traingle Burner

## SW Series Automatic Wafer Baking Machines

The SW series machines are suitable for the production of quality flat wafers. These machines can be equipped with 18, 24, 30, 36 or 42 baking plates (tongs) according to the required output. The standard size of the baking plates is 290mm x 460mm. These baking plates can easily be exchanged to produce wafers of different designs. The oven can be heated by L.P. Gas or Electricity. The SW - 18 / 24 has mechanical pump and SW - 30 / 36 / 42 has an motorized pumping.

### Heating

**By Gas :** The gas heating system has automatic ignition with safety devices. In the case of gas, air or power failure a automatic cutout device on the heating system will operate. The oven is equipped with special burners. High Efficiency triangular burners can be adjusted for an extremely even application of heat over the entire surface of the baking plates. Precise controls for the mixture of gas and air gives high efficiency combustion.

**By Electricity:** On electrically heated baking plates, the current is conveyed via copper conductors and by spring loaded contacts to the individual baking plates. The heating the baking plates and insulated. elements are fixed into the baking plates and insulated.

### Baking Plates

The plates are made of special alloy. The selection of alloy and casting procedure ensures dimensional stability, a homogenous and dense surface, thermal stability, good heat accumulation characteristics and excellent thermal conductivity. Special finishing is done to ensure trouble free release of wafer sheets. The wafer thickness is quickly and easily and adjusted.

### Drive and Controls

The control panel can be mounted at the discharge end of the oven or at a distance of up to one meter for ease of operation. This provides control for the drive, batter pump, blowers and ignition.

The drive is by an electric motor through a gear box and chain drive protected by an overload safety clutch. Baking time is adjustable between 1.5 and 3 minutes by means of potentiometer on the control panel.

### Sheet take-off

Air blowing facility for simple removal of the wafer sheet from the baking plates.

## Technical Details

TYPE	SW 18	SW 24	SW 30	SW 36	SW 42
No.of Baking Plates (tongs)	18	24	30	36	42
Output of wafer Sheets/Hr*	640	860	1080	1300	1500
Cream filled Wafer Biscuits in Kg/ Hr*(apx.)	72-75	96-100	120-125	145-150	175-180

#### IF GAS HEATING\*

L.P.Gas consumption Kgs/hr	10-12	14-16	18-20	20-23	25-28
Electrical load in Kw (for Drive & Cotrol)	3.5	3.5	3.5	3.5	5.0

#### IF ELECTRIC HEATING\*

Load in Kw (for Electrical Heater)	70	94	118	141	165
Consumption in Kw(approx)	56	75	94	100	115

#### DIMENSIONS IN MM

Length	5,750	7,250	8,750	10,250	11,700
Width	1500	1500	1500	1500	1500
Height	2000	2000	2000	2000	2000

#### WEIGHT & SHIPPING DETAILS

Net Weight in Kg(approx)	5,500	7,000	8,500	10,000	12,000
Including export packing Kg (approx)	6,750	8,500	10,000	12,500	14,600
Shipping space in Cubic Meters (approx)	25	30	36	42	49

\* Based on 100 sec. baking cycle

\* The capacities indicated above are suggested values. The exact capacity depends on baking time, recipe and wafers

\*\* Shorter oven required longer baking cycles

#### \*Modifications Reserved

We are constantly guided by our principle of offering our customers better and better machines; to give increased efficiency and higher levels of automation. The technical data and illustrations are subject to change without notice

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