# Deck Oven



Deck oven is specially designed for baking all massive and semi massive breads, all kinds of cakes and some kinds of sweets with completely indirect heat. This oven is equipped with four floors and every floor provided with separate steam system. The floors are made of Iranian or German stone.

**Thermal System:**

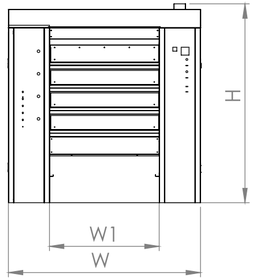
In this oven, heat is indirect and flows through a Complete Mandatory Heat Circulation, by closed-circuit channels, and one centrifuge conduct the Mandatory Circulation as a result, Heat transmits through surface, so there aren't harmful gases in the baking area and decrease consumption of fuel.

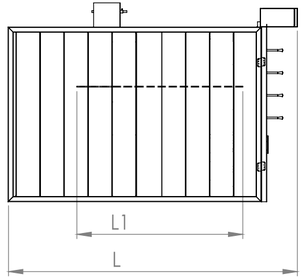
**Electrical System:**

The Electrical Control System of Deck oven can be provided in two ways:

A) Automatic System: In this system, all control operations are performed by a PLC system which has been assembled on the board. The operator can set motor speed, temperature, off/on time, steam production and baking timer by a touch screen or select default programs. In this system, all operations can be saved and it is possible to set the machine and control its performance by the server system.

B) Mechanical System: In this system, heat regulates by a Thermostat and all control keys set by operator.




| Model | Dimension (cm) | | | Floor Stone | | | Baking Capacity in 8 Hours (Kg) | Motor Power (kw) | Voltage (V) | Fuel Consumption/T | | Required Workers |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Length (L) | Width (W) | Height ( H ) | Type | Length (L1) cm | Width (W1) cm | | | | Type | Amount | |
| 1600 | 340 | 190 | 220 | Iranian Floor German Stone | 190 | 125 | 1000 | 3 | 380 | Gas Gasoil | 60 M3 55 L | 4 |
| 2400 | 340 | 250 | 220 | Iranian Floor German Stone | 190 | 180 | 1500 | 2*1.5 | 380 | Gas Gasoil | 60 M3 55 L | 4 |

**Features:**

- Low cost of heating and optimal energy consumption.
- Easy to load and unloading of floors.
- Easy to clean and charge.

**Advantages:**

- Minimizing the required space
- Separate Steam System for Every floor
- Indirect heats
- Holder of Iranian National Standard, CE marking and ISO 9001-2008 certificate
- Decreasing heat drop due to proper insulation