

Mech
Masz
Szczeciński
sp. z o.o. sp.k.

BAKERY AND CONFECTIONERY OVENS
mODULO



**A MODULO
OVEN
YOU NEED**



Modular deck ovens

modulo

With over 30 years of experience in designing bakery and confectionery ovens, Modulo features a number of solutions distinguishing it from similar structures, ensuring a longer lifetime, power saving, and – first of all – a stable atmosphere and uniform baking results.

**WATCH OUR
VIDEO ON
THE WEBSITE**



Subscribe our channel 

WIDE APPLICATION RANGE

What do you expect from a new oven?

bakeries
confectioneries
baker's shops
gastronomic facilities
restaurants
hotels

Each Modulo may be delivered in a version with a proofing chamber or rack under the baking chambers. Each baking chamber is controlled independently, which means the oven efficiency may be adopted for current production needs. Temperature can be adjusted individually of each baking chamber, independently for the top and bottom heaters to provide perfect adaptation for a given product. On each baking chamber, the steam generator can be easily turned on or off directly from the control panel, depending on technological requirements of a specific product.



7 MODELS TO CHOOSE FROM

HOW BIG CHAMBER DO YOU NEED?



MODULO 1
63 x 55 cm



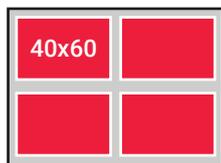
MODULO 2
63 x 90 cm



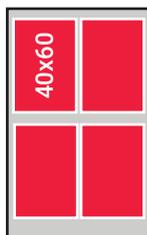
MODULO 2D
83 x 70 cm



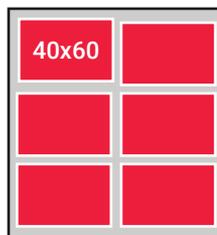
MODULO 4
123 x 90 cm



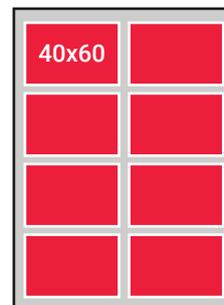
MODULO 4 D
83 x 130 cm



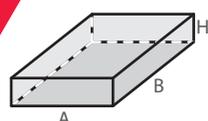
MODULO 6
123 x 130 cm



MODULO 8
123 x 170 cm



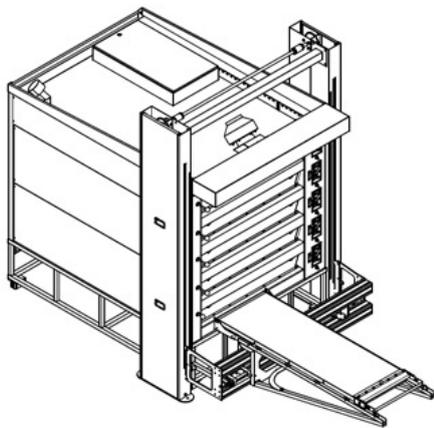
The module design allows an oven with max 6 baking chambers to be configured, which ensures a full size range selection, virtually from 1 to 48 trays of 40 x 60 cm. The advantage of the module design is that the oven may be delivered in parts and assembled on the customer's premises.



Deck size

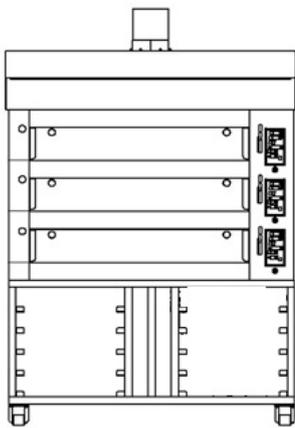
Model	No. of trays per shelf 40 x 60 cm	Inner dimensions of the chamber [mm] A x B x H	Outer dimensions of the chamber [mm]	Installed power for 1 shelf kW (*)
MODULO 1	1	63 x 55 x 18	100 x 100	*2,8
MODULO 2	2	63 x 90 x 18	100 x 138	*4,5
MODULO 2D	2	83 x 70 x 18	120 x 120	*4,5
MODULO 4	4	123 x 90 x 18	160 x 138	6,0/*8,4
MODULO 4D	4	83 x 130 x 18	126 x 178	6,0/*8,4
MODULO 6	6	123 x 130 x 18	160 x 178	8,0/*10,4
MODULO 8	8	123 x 170 x 18	160 x 218	12,3/*15,0

(*) installed power with the evaporation system

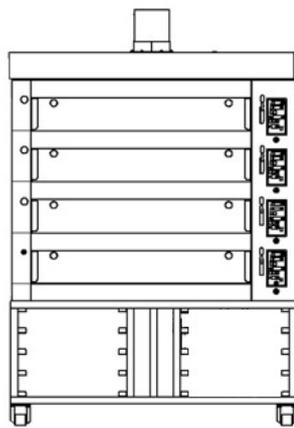


How many
decks do
you need?

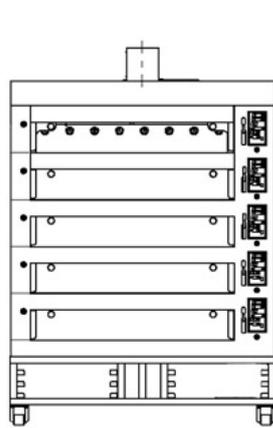
from 1
up to 6



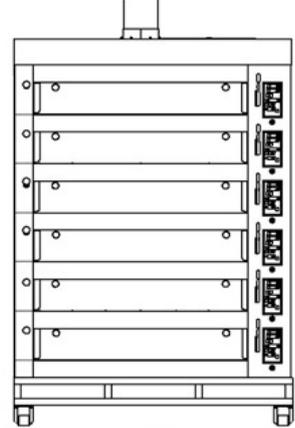
3 decks



4 decks



5 decks



6 decks

Sample deck configuration

MODULO



Easy glass removal for cleaning purpose



Simple moulds



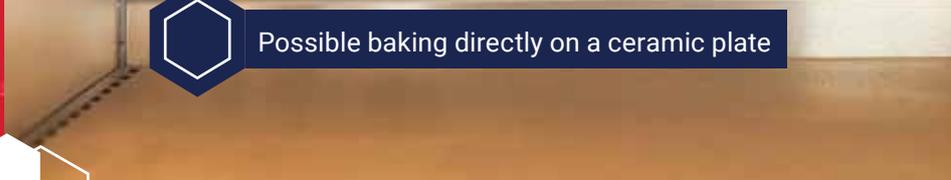
CARE FOR DETAILS

The front and external housings are made of high quality ground stainless steel AISI 304, ensuring an aesthetic appearance and easy cleaning.

Uniform distribution of steam in the chamber



Possible baking directly on a ceramic plate



Proper temp. distribution in the chamber



mODULO characteristics

EACH CHAMBER HAS A SEPARATE CONTROL SYSTEM - EASY BLOCK FOR INDIVIDUAL MANAGEMENT OF EACH CHAMBER

- Independent settings of bottom and top heater temperature
- Turning the evaporation function on and off
- Baking time configuration
- Setting baking programmes
- Switching chamber lighting on/off
- Autostart function (*day, hour*)
- Hood fan activation/deactivation
- Automatic steam release (*option*)



For easier maintenance of the oven, cladding forms and connections are maintained in a single plane, which significantly facilitates cleaning and the quick (*without using tools*) glass (*double tempered*) fixing system ensures quick assembly of the same.

Baking may be carried out on baking trays or directly on smooth ceramic plates.

To protect the plates in the front, stainless covers have been used to prevent ceramic plate damage.

There are ventilation strips between the side walls and the ceramic plate of each chamber which contribute to achieving uniform temperature inside and uniform baking results. Even distribution of steam within the chamber is provided by a rear covering sheet with properly arranged steam openings.



mMODULO characteristics

The housing of each baking chamber is specially shaped, which contributes to improving the rigidity of the structure and provides a special, trapezoid 'seat' for placing the heaters. The proper arrangement of the heaters of different power characteristics over the entire length of the chamber results from our know-how. Each heater is specifically shaped on the left and right side for increasing the heating zone on the sides, thus making baking results uniform.



Each heater is fixed separately, which prevents it from sliding out during operation (heating/cooling).

There are silicone cables at the heaters resistant to temperature much higher than the actual one in these places. Halogen lighting is provided for each baking chamber.



No control components such as contactors, fuses or relays are installed on the oven walls. To protect them against adverse effects of high temperature, they were moved to one stainless electric box. This additionally facilitates supervision and maintenance of the oven.



In the evaporation system each oven has a water pressure regulator providing always appropriate dosing, temperature control with the evaporators and flooding protection.



WHICH MODULO OVEN DO YOU NEED?

Options

A proofing chamber with simple temperature and humidity adjustment, featuring an intuitive temperature and humidity control system, equipped with LED lighting.



A rack for putting trays or loaders. Depending on the model, the oven is delivered on durable metal wheels or – in lighter models – on swivel castors.



Loaders guarantee quick oven loading and unloading operations.



A hood with an efficient fan.



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spółka z ograniczoną odpowiedzialnością sp.k.



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