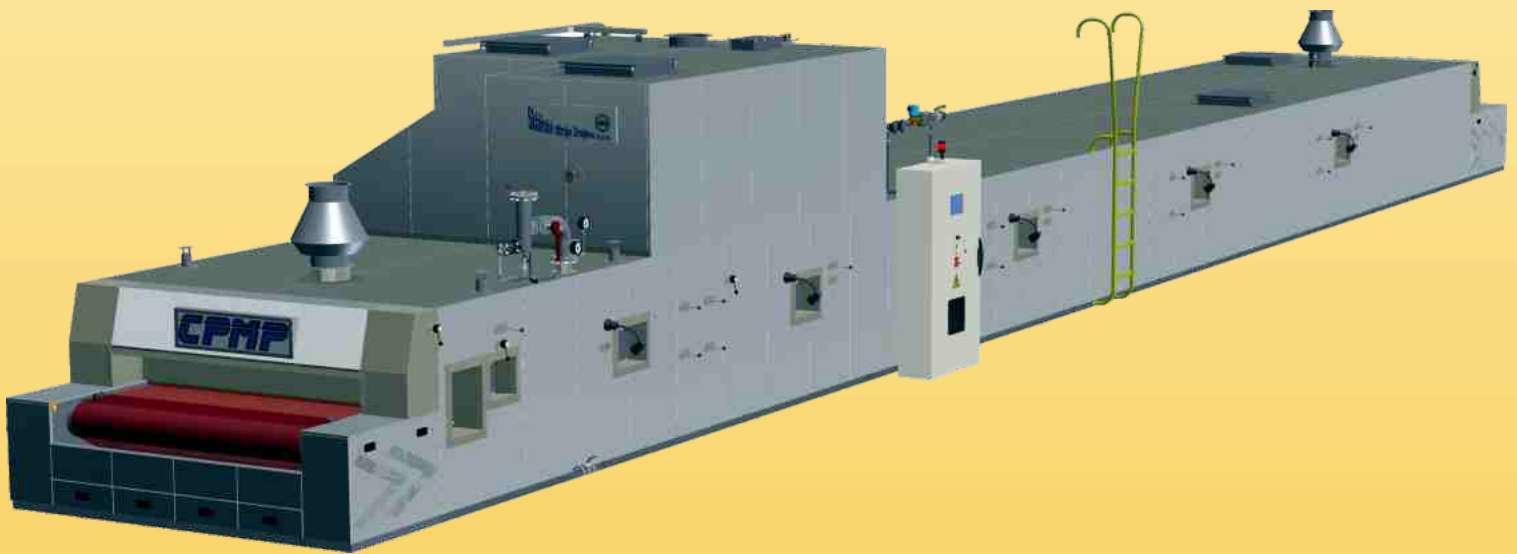


Sklářské stroje Znojmo s.r.o



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**CYCLOTHERMIC MODULAR
TUNNEL OVEN**

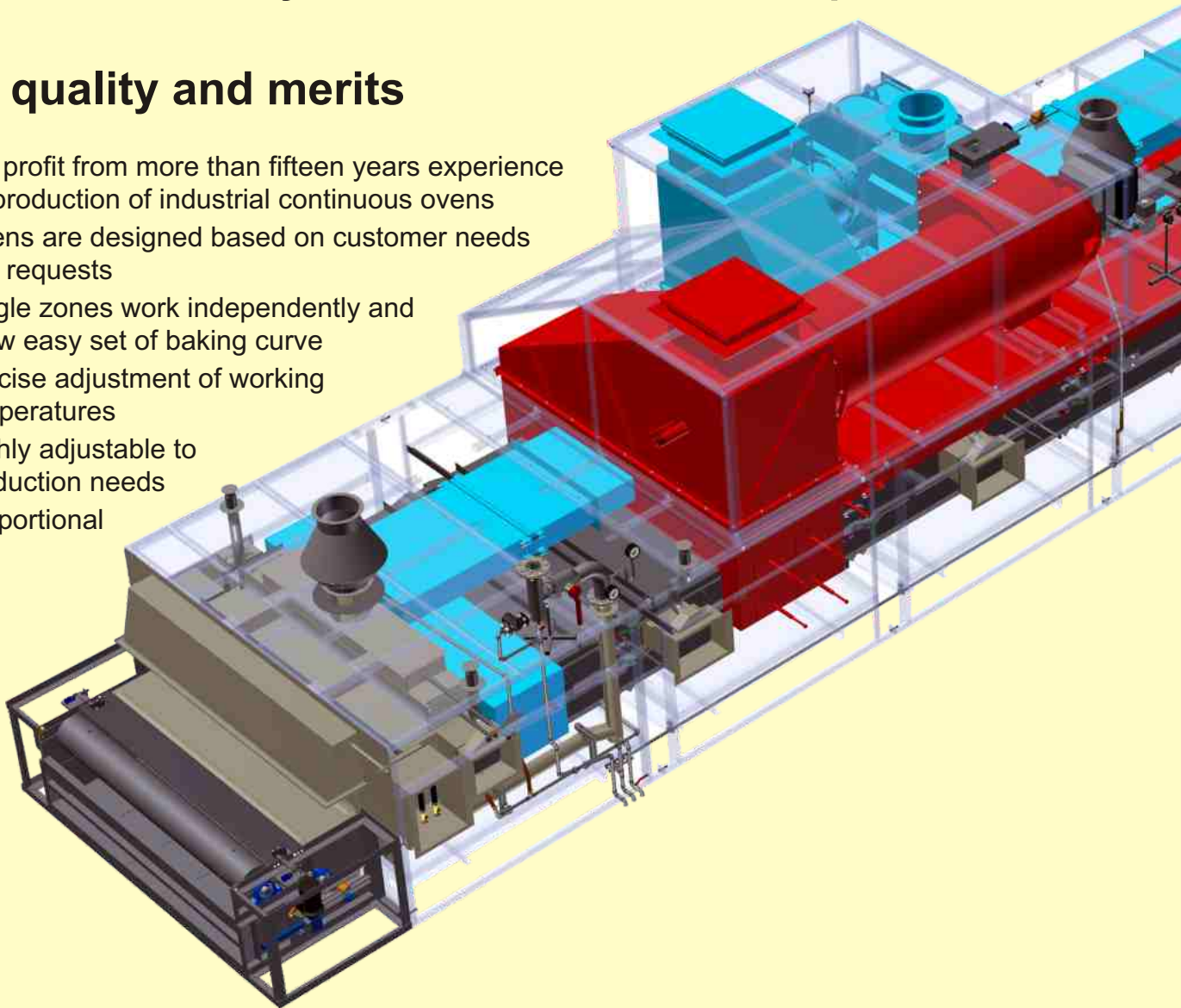
CYCLOTHERMIC MODULAR TUNNEL OVEN

The oven is designed for baking of patisserie, bakery and other products where high volume production is required. High performance, while high economy is maintained, is reached by an ecological burner and by a maximum utilization of supplied energy. The oven is designed and can be used for manual load of products or as a part of a high volume production bakery system.

We produce bakery oven in width from 800 up to 3600mm

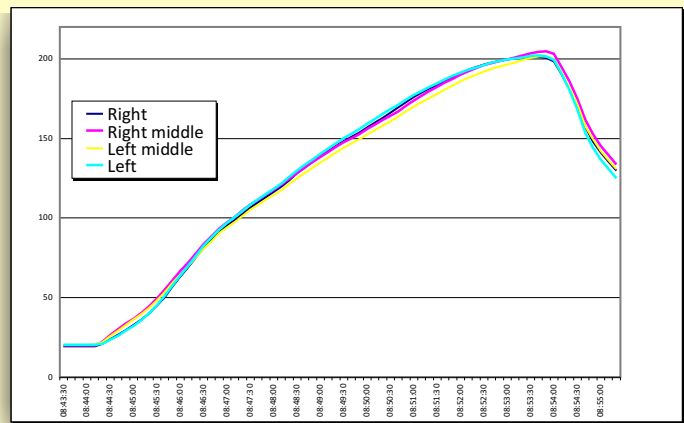
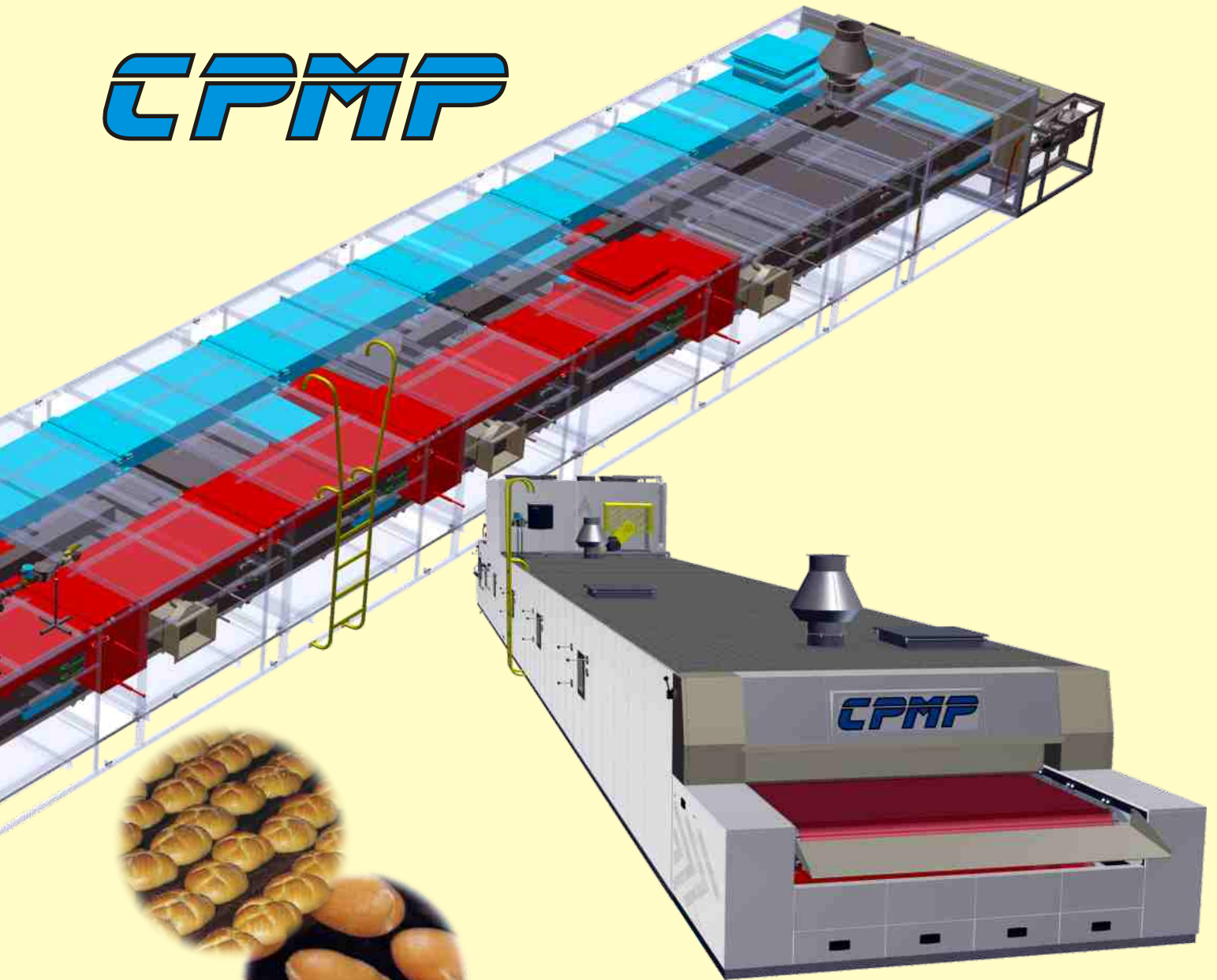
Our quality and merits

- We profit from more than fifteen years experience on production of industrial continuous ovens
- Ovens are designed based on customer needs and requests
- Single zones work independently and allow easy set of baking curve
- Precise adjustment of working temperatures
- Highly adjustable to production needs
- Proportional



- High quality rock wool insulation
- Low energy consumption
- Efficiently designed modular and massive frame
- Reliable and safe operation
- High quality and easily exchangeable burner
- Easy and quick installation of the oven
- Long and effective lifetime

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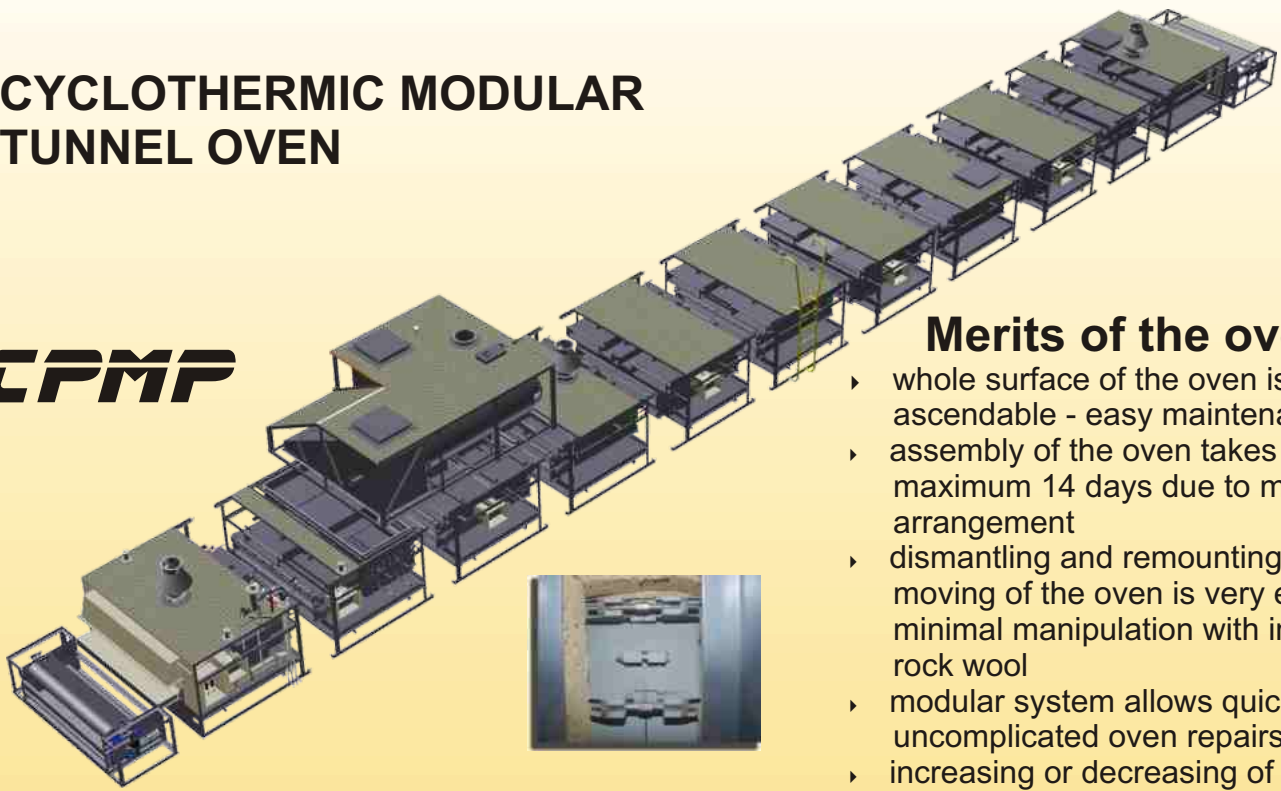


Main characteristics of certain types of continuous ovens								
Oven type		210/25/1V/x/G	210/38/1V/x/G	210/50/1V/x/G	250/45/1V/x/G	300/54/1V/x/G	300/81/2V/x/G	300/108/2V/x/G
Belt width	mm	2100	2100	2100	2500	3000	3000	3000
Tunnel length	m	12	18	24	18	18	27	36
Baking area	m ²	25	38	50	45	54	81	108
Total oven length	mm	14135	20135	26135	20135	20135	29135	38135
Capacity (bread 1,5 kg)	kg/hr.	450	680	900	810	1000	1450	2000

All values correspond with a 60 minute baking time

CYCLOTHERMIC MODULAR TUNNEL OVEN

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Merits of the oven

- ▶ whole surface of the oven is ascendable - easy maintenance
- ▶ assembly of the oven takes maximum 14 days due to modular arrangement
- ▶ dismantling and remounting and moving of the oven is very easy, minimal manipulation with insulating rock wool
- ▶ modular system allows quick and uncomplicated oven repairs
- ▶ increasing or decreasing of baking area is very quickly feasible
- ▶ modules can be dispatched in standard size containers
- ▶ dismantling of the oven up to 3 days without other production restriction, insulating rock wool stays on single modules

Screw connection

Separate parts - modules - of the oven are connected by using of screw connection with securing of joint sealing. This significant innovation in a bakery oven production has already been previously successfully used by our company for many years.



Peep-hole into baking space serves for common inspection of continuous baking process in different time zones of oven. Door of the peep-hole could be made of glass, eventually with tunnel lighting.



Oven wiring system includes control panel, cable ways and devices on the oven body. All is secured with respect to the heat load.



Steam zone serves for intensive souring of products at the beginning of a baking process and allocation of a condensate is safely secured so that no dripping on products occurs. Zone is separated from surround by teflon tissue.



Heating of the oven is assured by reliable burner from company Weishaupt, which ensures low noise level and optimal and wide range adjustable energy output. Control of whole heating process thereby optimal temperatures in baking area is assured automatically.

Sklářské stroje Znojmo s.r.o.



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