

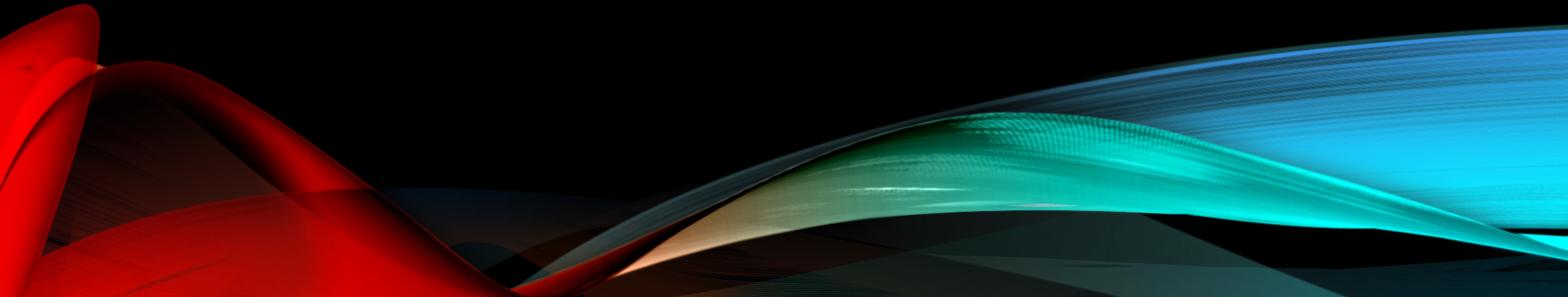
# POWDERCOAT OVEN

[powceq.com](http://powceq.com)

Q1 2024



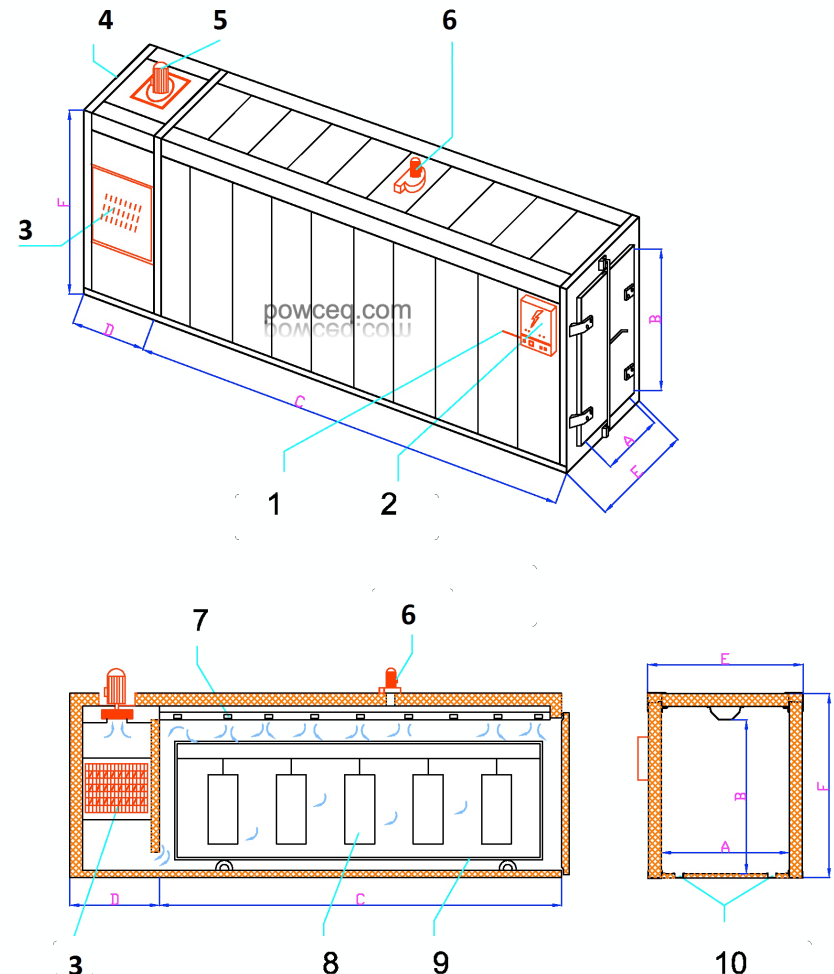
Powder coating oven



## STRUCTURE

### *Electric heated powdercoat oven*

1. Control unit
2. Electrical cabinet
3. Heating elements
4. Second door
5. Circulation fan
6. Extraction fan
7. Air distribution canals
8. Workpiece
9. Trolley car
10. Infeed rails

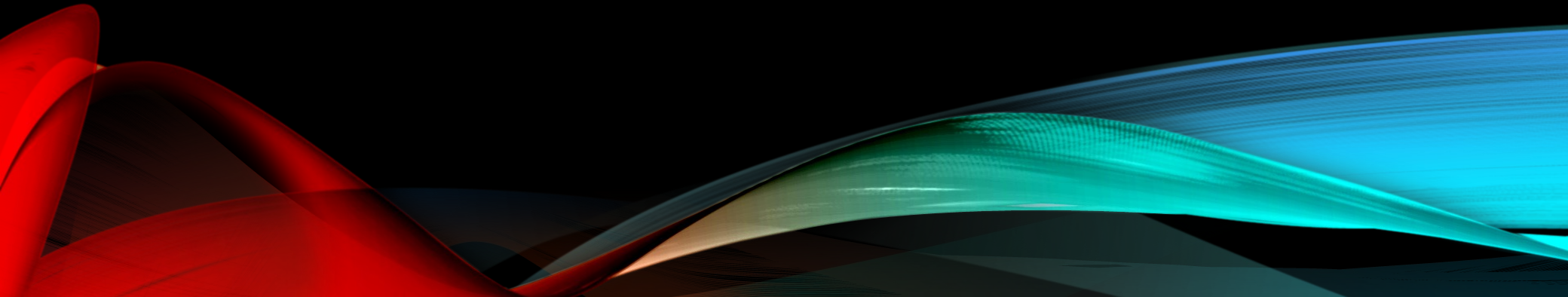


Curing ovens are used to cure parts with heat after powder coating. These ovens are available in various sizes and can be powered by electricity or gas.

The size of the oven required depends on the size of the parts to be coated and the production volume. Smaller ovens are suitable for small or medium-sized parts and fit on a workbench or in a workshop corner.

Larger ovens are available for industrial production.

The temperature and duration of the curing process depend on the type of powder coating used. Most powders require a curing temperature of 160-180 °C and a curing time of 10 to 20 minutes.





Oven for small parts  
Always in circulating air !



Powder ovens can be operated with  
electricity  
gas / oil burners  
or both (not simultaneously).

New: Hybrid powder oven: switch between heating with gas  
or electricity, e.g. 2.5 meters from a price of € 18,000

# BATCH OVENS

New 2024 → [powceg.com](http://powceg.com)

Electrically heated  
Gas burner natural gas / LPG liquid gas / oil and  
hybrid

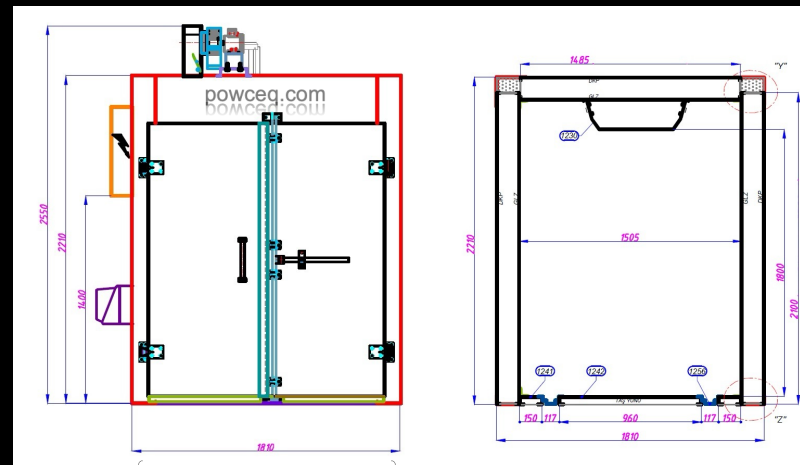


# DIMENSIONS INSIDE

*Or desired dimensions*

Usable area in **meters**

Type	A Width	B Height	C Depth
EL10	1	1	1
EL12	1	1,2	1,5
EL15	1,2	1,5	1,5
*	*	*	*
EL20	<b>1,5m</b>	<b>1,8m</b>	2
EL25	1,5m	1,8m	2,5
EL30	1,5m	1,8m	3
EL40	1,5m	1,8m	4
EL50	1,5m	1,8m	5
EL60	1,5m	1,8m	6
EL70	1,5m	1,8m	<b>7m</b>

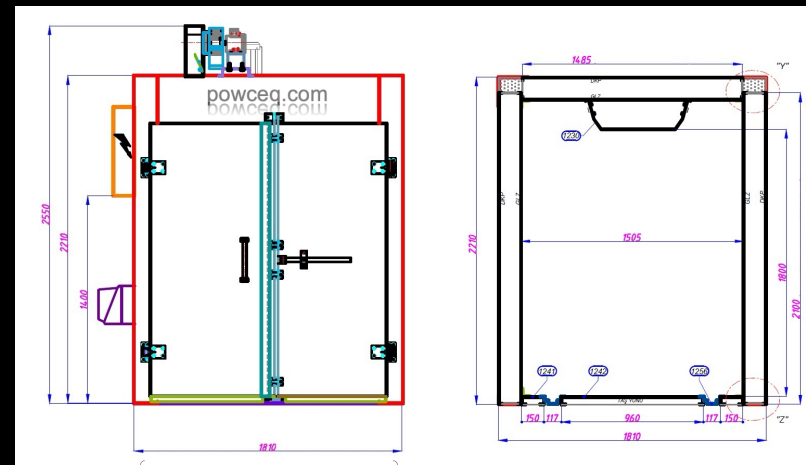




# DIMENSIONS INSIDE Powder coat oven *Or desired dimensions as* 8' x 8' x 10'

Usable area in **feet** ( ' )

Type	A Width	B Height	C Depth
EL10	1	1	1
EL12	1		5'
EL15	4'	5'	5'
*	*	*	*
EL20	<b>5'</b>	<b>6'</b>	7'
EL25	5'	6'	8'
EL30	5'	6'	10'
EL40	5'	6'	13'
EL50	5'	6'	17'
EL60	5'	6'	20'
EL70	5'	6'	23'



# BATCH OVENS

New 2024 → [powceq.com](http://powceq.com)

Trolleys

Infeed rails at bottom



Heating unit on side



## BATCH OVENS

**Partition wall:** If the workpieces are half as long and in small numbers, insert the partition wall and heat only half of them.





# BATCH OVEN

New 2024 → [powceq.com](http://powceq.com)

Rail types and numbers as required





## BATCH OVEN

Chamber oven + second door →

Continuous oven



# CONTINUOUS OVEN

New 2024 → [powceq.com](http://powceq.com)

Extraction hood over door, chain conveyor





## CONTINUOUS OVEN WITH CHAIN CONVEYOR





# CONTINUOUS OVEN ROLLER COASTER ;)







**Now Online** → [powceq.com/Offers](https://powceq.com/Offers)

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