



CPO / CPS PUSHER CHARGER

EME GmbH

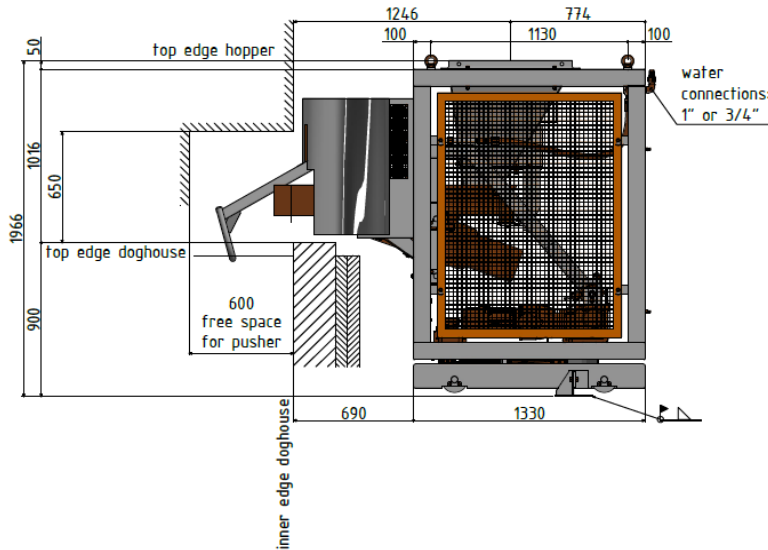
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BATCH AND CULLET TREATMENT SYSTEMS FOR THE GLASS INDUSTRY



CPO/CPS Oscillating and Stationary Pusher Charger

These widely used chargers discharge the batch from the furnace silo, via a vibratory conveyor trough, into the furnace.

The Pusher divides the batch flow and pushes the piles into the melting area. The frequency of the pusher is variable and thus adjustable.

In the stationary version, the pusher movement is always in one direction only. The oscillating version allows a swivel range of 40° with an adjustable frequency.

The batch can be spread over a larger area and thus provides a good distribution of batch into the furnace.

TECHNICAL DATA:

Type	Recommended furnace capacity*	Vibratory Conveyor	Pusher drive	Rotary actuators	swivel angle
CPS-400 D	up to 160 t/d	0,3 kW	1,1 kW	0,25 kW	20 °
CPS-500 D	up to 250 t/d				
CPO-400 D	up to 160 t/d				
CPO-500 D	up to 250 t/d	0,7 kW	1,1 kW	0,25 kW	20 °
CPO-650 D	up to 350 t/d				
CPO-800 D	up to 500 t/d	1,0 kW			

Cooling water consumption: 8-12 l/min Cooling water temperature: 20 °C – 60°C

* batch density of 1,3 kg/dm³ and melting loss of von 18%. Cullet ratio of 30 %.

ADVANTAGES AT A GLANCE :

- **Separated Charge and Push functions**
- **Long-life span**
- **Possibility to influence the batch distribution**
- **Optimize the energy input into the Furnace**
- **Low Cooling Water Consumption**
- **Robust Design**
- **Easy Maintenance**