



## BATCH CHARGER

### EME-NEND<sup>®</sup>- S

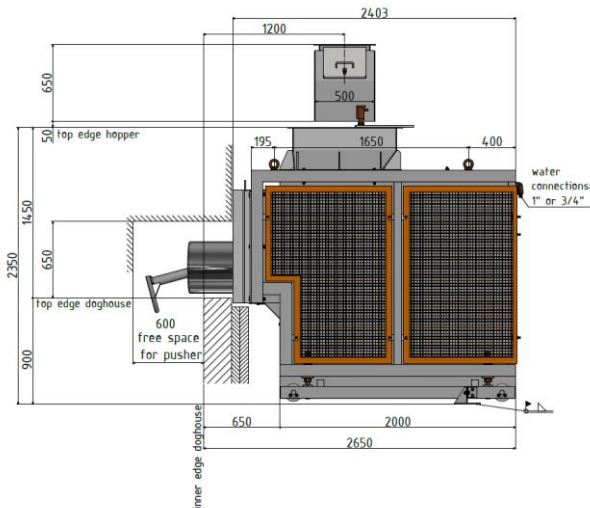
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## EME-NEND® - S

**The Batch Chargers of the latest generation allow a completely sealed Doghouse with all relevant advantages.**

The batch charged from the top is conveyed by means of one, two or three screw conveyors with separately adjustable speeds to the furnace depending on the required charging capacity.

The subsequent pusher executes a two-dimensional movement, divides the batch in two equal piles and pushes them into the melting. For this operation, the frequency of the Pusher can be set in a variable way. This allows the best possible distribution of the batch and optimizes the melting process.

### ADVANTAGES AT A GLANCE:

- **Completely sealed Doghouse**
- **No uncontrolled entry of unwanted air into the furnace**
- **Reduction of NO<sub>x</sub> emissions and of energy consumption**
- **Considerably less dust formation due to the transport by means of screw conveyors**
- **Optimal batch distribution in the glass melting**
- **Quick and easy exchange of the screws**
- **Even huge melting furnace can be operated with one charger and a single doghouse**

### TECHNICAL DATA – EME-NEND®-S1

Capacity (cullet 0% .. 80% *)	135 t/d .. 160 t/d
Screw capacity	1 x 1,5 kW
Pusher capacity	0,75 kW
Cooling water consumption	8 ... 12 l/min
Cooling water temperature	20 °C ... 60 °C
Weight	ca. 2.200 kg

### TECHNICAL DATA – EME-NEND®-S2

Capacity (cullet 0% .. 80% *)	270 t/d .. 320 t/d
Screw capacity	2 x 1,5 kW
Pusher capacity	1,5 kW
Cooling water consumption	8 ... 12 l/min
Cooling water temperature	20 °C ... 60 °C
Weight	ca. .3.300 kg

### TECHNICAL DATA – EME-NEND®-S3

Capacity (cullet 0% .. 80% *)	405 t/d .. 480 t/d
Screw capacity	3 x 1,5 kW
Pusher capacity	1,5 kW
Cooling water consumption	8 ... 12 l/min
Cooling water temperature	20 °C ... 60 °C
Weight	ca. 4.500 kg

\* Batch density of 1,35 kg/dm<sup>3</sup> and melting loss of 18%.  
cullet size < 30 mm  
Batch moisture max. 3 %.