



BATCH CHARGER EME-NEND[®] - R1/R2

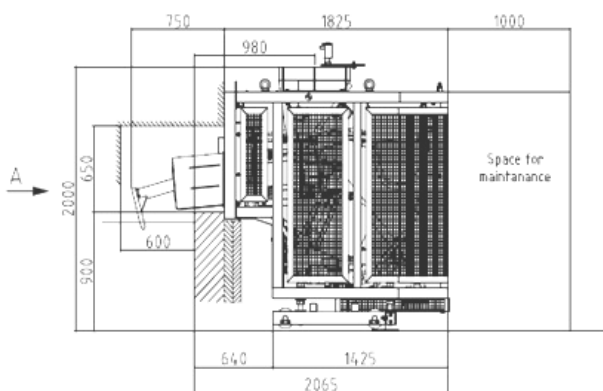
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EME-NEND® - R1/R2

The EME NEND® series has been extended with the introduction of a new version with a vibratory feeder. This batch charger can be used both on a standard doghouse and on an IRD doghouse.

The EME NEND® R1 can serve a furnace capacity from 50t/d up to 250t/d and the EME NEND® R2 from 100t/d up to 500t/d dependant on the cullet ration added. The machines allows for a completely sealed doghouse. The throughput is regulated according the required capacity by means of a thyristor controller. Immediately after charge of the batch the Pusher shapes clusters, which are then pushed forward with an elliptic movement into the melting area of the furnace. On an standstill the pusher stops in front of the opening of the vibratory feeder and reduces the introduction of heat into the feeder. To protect the feeder from heat impact a cooling jacket is mounted around the feeder discharge. The feeder body is made out of wear resistant material.

The opportunity to adjust the conveying capacity of the vibratory feeder and the frequency of the pusher allows optimization of the batch distribution on the glass surface.

ADVANTAGES AT A GLANCE:

- **Completely sealed Doghouse**
- **No uncontrolled entry of unwanted air into the furnace**
- **Visible no dust emission coming from the charging-area**
- **Sealed lead-through of feeder and pusher arm through heatshield**
- **Considerably less dust formation due to the closed conveying feeder**
- **Optimal batch distribution in the glass melting area**
- **Maintenance friendly design, quick and easy exchange of the pusher and the conveying tube**
- **Reduced weight**
- **Low wear on parts**

* Batch density of 1,35 kg/dm³ and melting loss of 18%.
cullet size < 30 mm
Batch moisture max. 3 %.

TECHNICAL DATA – EME-NEND® -R1

Capacity (cullet 0% .. 80% *)	50 t/d .. 250 t/d
Conveying pipe capacity	0.125 kW
Pusher capacity	0.75 kW
Cooling water consumption	12 ... 18 l/min
Cooling water temperature	20 °C ... 60 °C
Weight	ca. 1.000 kg
Dimensions	L x W x H ca. 1.825 x 1.200 x 2.000 mm

TECHNICAL DATA – EME-NEND® -R2

Capacity (cullet 0% .. 80% *)	100 t/d .. 500 t/d
Conveying pipe capacity	2 x 0,125 kW
Pusher capacity	0.75 kW
Cooling water consumption	16 ... 24 l/min
Cooling water temperature	20 °C ... 60 °C
Weight	ca. 1.600 kg
Dimensions	L x W x H ca. 1.825 x 1.750 x 2.000 mm