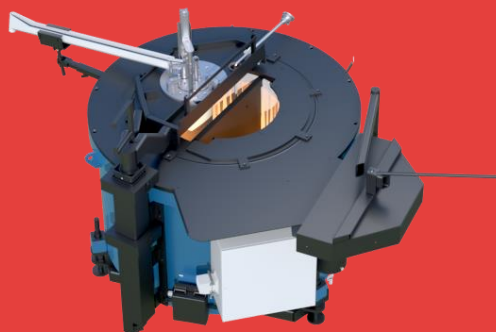


## CRUCIBLE DOSING AND MELTING FURNACE

# ALUMELTER ELECTRIC DOSING - AMED

STØTEK's ALUMELTER ELECTRIC DOSING crucible furnace, excels with the combination of accurate dosing up to 1% accuracy and melting/holding capabilities. Especially where low throughput does not justify a central melt, the furnace is ideal.

The dosing pump is easy lifted for maintenance with the hydraulic hoist. There is a baffle plate separating the dosing side from the charge/degassing side in the furnace.



[www.stotek.com](http://www.stotek.com)

STØTEK A/S  
Aage Grams Vej 1  
6500 Vojens  
Denmark

Tel: +45 74 54 01 39  
Mail: [sales@stotek.dk](mailto:sales@stotek.dk)

STØTEK ALUMELTER	AMED650	AMED1200	AMED1650
Melting rate/hour (Calculated)	200 kg	300 kg	360 kg
Holding capacity	600 kg	1.200 kg	1.650 kg
Crucible	BUS600 Ø780/380 H900	BU1800/1200 Ø1050/540 H1000	BU1800 Ø1050/540 H1300
Dosing weight	0,5-6,0 kg	1,0-15,0 kg	1,0-15,0 kg
Max. bath temperature	780°C	780°C	780°C
Power consumption (Calculated)	8 kWh	15 kWh	17 kWh
Power connection	90 kW	165 kW	200 kW
Width	1515 mm	2000 mm	2000 mm
Height	1246 mm	1381 mm	1681 mm
Shipping weight (Calculated)	2800 kg	4000 kg	4500 kg

## Advantages

- Accurate dosing of  $\pm 1\%$  by weight
- Melting speed up to 300kg/hr of aluminium
- 40% CO<sub>2</sub> reduction compared to industry average
- Melting / holding while dosing
- Very low energy consumption
- Option of dosing under protective Atmosphere\*
- Brick lined with superior cast insulation
- Solid state controlled block elements
- Very low shell temperature
- State of the art controls
- Compact footprint
- Fully enclosed steel shell
- Standard fitted emergency drain
- Optional Metal leakage detection
- Baffle plate separates charging area and dosing pump
- Optional load cell frame

\*Nitrogen or argon supply