



CRUCIBLE MELTING TILTING FURNACE

ALUMELTER GAS - AMGT

STØTEK's ALUMELTER tilting Crucible furnace, excels with exceptional thermal efficiency and very low shell temperature.

With the optional transfer launder (not shown), the ALUMELTER is ideal for batch melting, filling transport ladles or pouring directly into a DOSOTHERM® dosing furnace or a STØTHERM holding furnace



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STØTEK ALUMETER	AMGT600	AMGT800	AMGT1100	AMGT1700
Melting rate/hour (Calculated)	300 kg	340 kg	450 kg	500 kg
Holding capacity	600 kg	800 kg	1100 kg	1700 kg
Crucible	TBN587 Ø780/310 H900	TBN800 Ø880/350 H1000	TBN1100 Ø880/350 H1170	TBNS1700 Ø1050/450H1300
Max. bath temperature	780°C	780°C	780°C	780°C
Power consumption holding (Calculated)	23 kWh	25 kWh	28 kWh	35 kWh
Power consumption melting (Calculated)	1,2 kWh/kg	1,2 kWh/kg	1,2 kWh/kg	1,2 kWh/kg
Burner power	40-460 kW	60-630 kW	60-630 kW	100-750 kW
Burner regulation	High-Low-Out	High-Low-Out	High-Low-Out	High-Low-Out
Weight & Lenght	2160x1763 mm	2155x1835 mm	2205x1995 mm	1978x1978 mm
Height	1310 mm	1405 mm	1640 mm	1884 mm
Shipping weight (Calculated)	3.500 kg	4.000 kg	4.900 kg	6.000 kg

Advantages

- Hydraulic tilt enables complete drain of furnace
- Very efficient melting speed
- 40% CO₂ reduction compared to industry average
- Lip axis pouring - bearings in line with spout
- Brick lined with superior cast insulation
- Integrated gas train
- Very low shell temperature
- State of the art controls
- Compact footprint
- Fully enclosed steel shell
- Standard fitted emergency drain
- Metal leakage detection
- Optional pneumatic lid
- Optional transfer launder