

Modern High Efficiency Aluminum Melting Leading the Industry in Tower Melt Technology



Jet Melter®



Characteristics

- High energy efficiency – 1,000 BTU per pound
- Reduced melt loss – less than 1%
- High Quality Metal – Lower gas and inclusion levels
- Temperature Control $\pm 18^{\circ}\text{F}$
- Capacities from 500 to 20,000 pounds per hour
- State-of-the-art programmable controls with graphic display
- Fully automated material handling, batching and charging systems
- Complete system design and engineering services

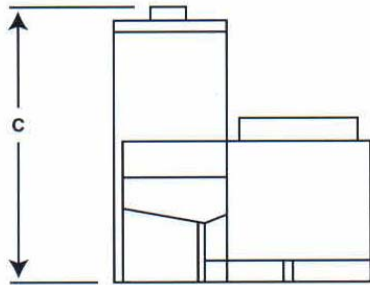
When it comes to tower melt technology, no one offers more experience or know how. Modern Equipment has built and installed more tower furnaces in North America than any other manufacturer and provides an unmatched combination of research, design, and technical expertise to meet your individual needs.

Modern
Equipment Company, Inc.

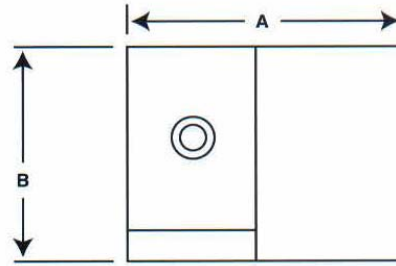
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AL Series Aluminum Melting Furnace



Side View



Top View

| Model | Melt Rate | Capacity | Dim. A | Dim. B | Dim. C |
|---------|--------------|------------|---------|--------|---------|
| AL-500 | 500 lbs/hr | 1,250 lbs | 10'-2" | 8'-2" | 10'-1" |
| AL-1000 | 1,000 lbs/hr | 2,500 lbs | 10'-11" | 8'-2" | 10'-11" |
| AL-1500 | 1,500 lbs/hr | 3,750 lbs | 11'-8" | 8'-2" | 11'-9" |
| AL-2000 | 2,000 lbs/hr | 5,000 lbs | 12'-5" | 8'-2" | 12'-7" |
| AL-2500 | 2,500 lbs/hr | 6,250 lbs | 13'-4" | 8'-2" | 13'-5" |
| AL-3000 | 3,000 lbs/hr | 7,550 lbs | 14'-1" | 8'-2" | 14'-3" |
| AL-3500 | 3,500 lbs/hr | 8,750 lbs | 14'-10" | 8'-2" | 15'-1" |
| AL-4000 | 4,000 lbs/hr | 10,000 lbs | 15'-7" | 8'-2" | 15'-11" |
| AL-5000 | 5,000 lbs/hr | 12,500 lbs | 16'-4" | 8'-2" | 16'-9" |
| AL-6000 | 6,000 lbs/hr | 15,000 lbs | 17'-1" | 8'-2" | 17'-7" |

All dimensions are approximate. Dim. "C" is based on a 40" tap height. Other tap heights are available as well as higher melt rates. Platforms and charging equipment are not included in the dimensions given.

Key Features

- Compact Size
- Technical Support
- Off-the-shelf spare parts
- PLC/HMI Operator Controls
- Dip well or gravity tap
- Self-recuperation for maximum efficiency
- Automated charging system
- FM & IRI approved gas trains
- Blower inlet filter/silencer
- Pump well
- Oxide resistant refractory materials