Hi-Treet Box Furnace

The Lindberg/MPH Hi-Treet Box Furnace is designed to deliver precision high-temperature uniformity required in the treating of high alloy and high-speed tool steels. There’s a minimum heating of outer skin to maintain safety while in use and also product load protection.

Benefits
- Quick, consistent heat up rates
- Full access to work chamber
- Minimum heating of outer skin
- Product load protection
- Precise control with long life and reliability

Features
- Standard nitrogen atmosphere
- Lightweight Moldatherm® insulation
- Silicon carbide hearth plate
- Side-mounted double-hinged plug door
- SCR power module
- 8” wide furnace is stackable
- Temperature - Up to 2500°F (1371°C)
- Chamber sizes - 0.67 cubic feet - 4.5 cubic feet
- Digital temperature controller

Options
- Furnace stand
- Quench tank
- Quench tank baskets
- Programmable controller
- Transformer for 480V operation

Applications
- Annealing
- Ashing
- Carbon firing
- Ceramic firing
- Hardening
- Sintering
- Normalizing

<table>
<thead>
<tr>
<th>Model</th>
<th>Chamber Dimensions in. (cm)</th>
<th>Atmos. CFH</th>
<th>Input kW</th>
<th>Voltage</th>
<th>Load Weight lbs.</th>
<th>Ship Weight lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>W</td>
<td>D</td>
<td>H</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-SCMT-8188-25A</td>
<td>8</td>
<td>18.72</td>
<td>8.32</td>
<td>50</td>
<td>12.5</td>
<td>240V/1PH/60Hz</td>
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<td>24.96</td>
<td>18.72</td>
<td>100</td>
<td>40</td>
<td>240V/3PH/60Hz</td>
</tr>
</tbody>
</table>

All specifications are subject to change without notice.
Curing Temperature Cycle

- Hi-Treet
- Treet-All
- Temperite
- (No Load)

Temperature vs. Time

- 2500°F
- 2150°F
- 1400°F
- 100°F

Time (Minutes)

0 15 30 45 60 75 90