RO Element Pit

The Lindberg/MPH Rod Overbend (RO) pit furnace is electrically powered and suitable for a multitude of heat treat applications. It is available with temperature ranges to 1850°F and in a wide range of sizes. The round cross-section of RO elements gives excellent long-term stability with minimal resistance change. The fast heating rate, heavy load capacity and reliable operation help you to achieve quick turnaround and high productivity. The furnace is very simple and economical to operate.

Features
- Temperature range to 1850°F
- Compact size
- Low Watt-destiny, long life RO elements
- Lightweight ceramic module insulation
- Easy-loading vertical chamber
- Pneumatically operated cover on larger sizes
- Excess temperature instrument

Benefits
- Ideal for JIT layouts
- Less maintenance and down time
- Quick, consistent heat up rates
- High productivity: Cycle time is minimized by rapid heat up rates
- High uniformity: Dense loads can be uniformly treated, maximizing throughput
- Simple operation

Applications
- Annealing
- Carbonitriding
- Carburizing
- Hardening
- Normalizing

Options
- Circulating Fan
- Retort
- Carbon controls with oxygen probe
- Nitrogen-methanol atmosphere system
- Gas flowmeters for dissociated ammonia or exothermic atmospheres
- Endothermic atmosphere system
- Automatic nitrogen system
- Control and recorder instrument options
## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Approximate Dimensions (in.)</th>
<th>Work Space (in.)</th>
<th>Input (kW)</th>
<th>Control Zones</th>
<th>Atmos. CFH</th>
<th>Max. Load</th>
<th>Approx. Wt. (lbs.)</th>
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<tr>
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<td>Depth</td>
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