Achieve superior functional, durable decorative, or diamond-like carbon (DLC) coatings with our PVD and PE-CVD thin-film deposition systems.

Overview:

The VT-3000i is the largest VaporTech coating system designed for high throughput or parts up to 1.2m (48 inches). The VT-1500 thin-film deposition system offers the same capabilities as the VT-3000i but with a smaller chamber that coats a broad range of parts (up to 32 inches) cost-effectively with a wide variety of finish options.

Our unique centrally-mounted cathodic arc deposition source ensures consistency and maximum control over coating uniformity and properties. Lower temperatures enable you to coat a wide variety of materials such as steel, brass, zinc, or prepared plastic, giving products made of multiple materials a common finish and appearance. Coatings can be custom-designed to meet your specifications for color or function.

Vapor Technologies, Inc.
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vaportech.com
**VT-Series Systems**

**KEY capabilities**

**Uniformity**
Excellent color uniformity & deposition rates throughout the chamber.

**Consistency**
Even coating deposition rates throughout the chamber.

**Low temp**
Lower-temperature process suitable for both metal and plastic parts.

**Part sizes**
coat large parts up to 122 cm (48 inches) long.

**Flexibility**
Multiple size systems, multiple processes per system.

**Detailed information**

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th></th>
<th>VT-3000i</th>
<th>VT-1500</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System Capacity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coating zone</td>
<td>48 in. (1.22m)</td>
<td>32 in. (810cm)</td>
</tr>
<tr>
<td>Part rack size</td>
<td>48 in. x 8 in.Ø (or 10)</td>
<td>32 in. x 8 in.Ø (or 10)</td>
</tr>
<tr>
<td>Rack quantity</td>
<td>16 (or 8)</td>
<td>10</td>
</tr>
<tr>
<td>Loading capacity</td>
<td>1600 lbs. (726kg)</td>
<td>1600 lbs. (726kg)</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>150 in. (3.8m)</td>
<td>145 in. (3.7m)</td>
</tr>
<tr>
<td>Width</td>
<td>141 in. (3.6m)</td>
<td>160 in. (4.1m)</td>
</tr>
<tr>
<td>Depth</td>
<td>170 in. (4.3m)</td>
<td>224 in. (5.7m)*</td>
</tr>
</tbody>
</table>

*Depth dimension with door closed; does not include service clearance.

**Coating Technologies**

- Low-Temperature Arc Vapor Deposition (LTAVD®)
- Plasma-Enhanced Chemical Vapor Deposition (PE-CVD)
- Diamond-Like Carbon (DLC)