Optical Fiber Drawing Tower

Model No: OEOFD

Tower configuration
- Performance feeding unit
- Diameter gauge
- Auxiliary capstan
- Graphite furnace
- Cooling system
- First coating system
- Uv curing system
- Second coating system
- Uv curing system
- Fiber PMD twister
- Capstan
- Dual automatic take up
- Diameter gauge
- Coating concentric tester
- Diameter gauge
- Diameter gauge
- Diameter gauge
- Tension testing device
- Tension testing device
- Tension dancer
- Tension dancer
- Electrical control system
- Electrical control system
- Tension dancer
- Dual automatic take up
- Tension dancer
- Tension dancer
- Electrical control system
- Electrical control system

Application
This drawing tower is used to draw high quality communicating silica optic-fiber. Suitable for drawing wide range of optical preforms:
- Single mode
- graded index
- special fiber preforms of MCVD, OVD, VAD or RIT technologies

Technical data.

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed of drawing</td>
<td>m/min</td>
<td>1500</td>
</tr>
<tr>
<td>Height of tower</td>
<td>m</td>
<td>27</td>
</tr>
<tr>
<td>Preform Dia</td>
<td>mm</td>
<td>Ф80×2800</td>
</tr>
<tr>
<td>Temperature of heating furnace</td>
<td>℃</td>
<td>2500±2</td>
</tr>
<tr>
<td>Diameter of product &amp; accuracy</td>
<td>μm</td>
<td>245±3</td>
</tr>
<tr>
<td>Take up reel</td>
<td>mm</td>
<td>Ф405× Ф50×270</td>
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</tbody>
</table>

Remark: One tower one line or one tower two lines.