NEW! Industry 4.0 ready

TUBE END SPINNER
Fully Automatic Servo Controlled Tube End Spinning Machine

SPM-115
Specifications

Technical data

<table>
<thead>
<tr>
<th>Item</th>
<th>SPM-115</th>
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</thead>
<tbody>
<tr>
<td>Tube material</td>
<td>Copper &amp; Brass (other materials, please consult T-DRILL)</td>
</tr>
<tr>
<td>Tube size</td>
<td>Ø8 to Ø115 mm</td>
</tr>
<tr>
<td>Max. wall thickness</td>
<td>3.4 mm</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>200–240 V / 50–60 Hz</td>
</tr>
<tr>
<td></td>
<td>380–480 V / 50–60 Hz</td>
</tr>
<tr>
<td>Nominal power</td>
<td>17.5 kW</td>
</tr>
<tr>
<td>Noise level</td>
<td>&lt; 75 dB</td>
</tr>
<tr>
<td>Machine dimensions</td>
<td>1565 x 850 x 1600 mm (h x w x d) w/o electric cabinet</td>
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<tr>
<td>Net weight</td>
<td>1400 kg (electric cabinet included)</td>
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</tbody>
</table>

The information included in this brochure is subject to revision without notice.

T-DRILL’s latest innovation – Fully automatic servo controlled Tube End Spinning Machine SPM-115 – is designed for flat closing of copper and brass tubes. The machine has a fast cycle time, as the typical process time is only ~ 20–45 seconds depending on tube specification.

After the tube has been loaded, the clamps are closed and the rotating tool is automatically fed against the tube end. The friction between the rotating tool and the tube heats the tube end and rapidly forms it flat.

Also the machine set up is very fast when product changes: just change clamps according to the tube size, select program from the library and the machine makes the correct adjustments automatically.

The operation is completely electric, without hydraulics and pneumatics. This results in quiet and very energy efficient, low loss process with high repeatability.

Key features:

- Industry 4.0 ready
- Quiet and stable operation
- Fast machine set up and cycle time
- High repeatability due to servo controlled process
- Energy efficient, low loss operation
- Completely electric operation without hydraulics and pneumatics
- Storage for hundreds of product recipes
- User-friendly GUI with color touch panel
- Visual step by step task guiding for operator

DO IT WITH T-DRILL
Cut costs – Improve quality – Increase profit

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