**Ridgway POM-STD**

**STANDARD COIL PULL-OUT MACHINE RANGE**

Designed to offer a cost effective and versatile solution to form stator coils.

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**SPECIFICATION**

- **Coil stack height**
  - Dependent on tooling

- **Coil stack width**
  - Dependent on tooling

- **Slot Length**
  - Max: 4064mm
  - Min: 115mm

- **Overall loop length (eye to eye)**
  - Max: 5300mm
  - Min: 875mm

- **Angle between coil sides**
  - Max: 120° (included)
  - Min: 0°

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<table>
<thead>
<tr>
<th>MODEL</th>
<th>COIL SECTION (H X W)</th>
<th>SLOT LENGTH</th>
<th>MAX LOOP LENGTH</th>
<th>MAX SPREAD AT 0°</th>
<th>MAX COIL DROP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS20B</td>
<td>Up to 38mm x 19mm</td>
<td>Min 115mm</td>
<td>2000mm</td>
<td>400mm</td>
<td>250mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Max 1219mm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CS25B</td>
<td>Min 6.4mm x 3.2mm</td>
<td>Min 115mm</td>
<td>2500mm</td>
<td>400mm</td>
<td>250mm</td>
</tr>
<tr>
<td></td>
<td>Max 57mm x 29mm</td>
<td>Max 1524mm</td>
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</tr>
<tr>
<td>CS25C</td>
<td>Min 6.4mm x 3.2mm</td>
<td>Min 115mm</td>
<td>2500mm</td>
<td>787mm</td>
<td>340mm</td>
</tr>
<tr>
<td></td>
<td>Max 57mm x 29mm</td>
<td>Max 1524mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS53</td>
<td>Min 12.7mm x 6.4mm</td>
<td>Min 115mm</td>
<td>5300mm</td>
<td>1066mm</td>
<td>380mm</td>
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<tr>
<td></td>
<td>Max 76mm x 38mm</td>
<td>Max 4064mm</td>
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</tbody>
</table>

**Coil Pull-out Machine…**

The POM-STD range of coil forming machines are used to spread coils quickly, accurately and efficiently into their final shape according to the individual coil design requirements. Offering a cost effective and versatile solution, the machines are fully adjustable and simple to operate.

**Capabilities**

- Pneumatically powered, the POM-STD range has the capability to form stator coils having a maximum loop length of 5300mm with a maximum coil stack size of 76mm x 38mm.

**Easy to operate**

- The coil forming process is assisted by using air pressure. Little manual effort is required of the operator. To aid the operator, after the loop has been loaded, actuation of a foot pedal closes all four slot clamps simultaneously. The exclusive ballast tank minimizes air supply fluctuations, producing coils smoothly and quickly.

**Adjustable tooling**

- Fall away pin type knuckle holders guarantee firm clamping action and quick release. Both the length and the thickness of the coil knuckle holders are adjustable.

**Easy to set**

- For reference, linear scales are fitted to ensure repeat accurate set ups are quickly and easily achieved.

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Top quality solutions to all your coil manufacturing requirements are only a contact call away…

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**Ridgway MACHINES**

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