Winget Syncro

Type 'SGD' Coilers

The Winget Syncro coilers illustrated are designed for continuous take-up of all non-ferrous wires, either bare or plastic covered. They may be used with any Winget Syncro intermediate and rod breakdown machines or similar machines of other manufacture.
Specification Type 'SGD' Coilers

<table>
<thead>
<tr>
<th>Coiler Type</th>
<th>SGD1</th>
<th>SGD3</th>
<th>SGD4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take-up Wire Range Copper</td>
<td>0.016&quot; to 0.128&quot;</td>
<td>0.4mm to 3.26mm</td>
<td>0.029&quot; to 0.162&quot;</td>
</tr>
<tr>
<td>Take-up Wire Range Aluminium</td>
<td>0.029&quot; to 0.128&quot;</td>
<td>0.74mm to 3.26mm</td>
<td>0.040&quot; to 0.162&quot;</td>
</tr>
<tr>
<td>Maximum Operating Speed</td>
<td>5,000 fpm</td>
<td>25.4 mps</td>
<td>5,000 fpm</td>
</tr>
</tbody>
</table>

Coil Sizes

- **Outside Diameter**: 20" | 508mm | 38" | 965mm | 46½" | 1,180mm
- **Inside Diameter**: 13" | 330mm | 20½" | 520mm | 25½" | 648mm
- **Effective Height**: 30" | 760mm | 54" | 1,370mm | 54" | 1,370mm
- **Capstan Diameter**: 17" | 432mm | 30" | 762mm | 36" | 915mm

Approximate Coil Weight Dependent on Wire Diameter

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Copper</th>
<th>Aluminium</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 lb</td>
<td>180 kg</td>
<td>470 kg</td>
</tr>
<tr>
<td>1,600 kg</td>
<td>4,000 lb</td>
<td>540 kg</td>
</tr>
</tbody>
</table>

Rotating Platform

- **No** | **Optional** | **Optional** |

Motor Power

- **10 hp** | **10 hp** | **15 hp** | **15 hp** | **20 hp** | **20 hp** |
- **10 KVA** | **10 KVA** | **16 KVA** | **16 KVA** | **22 KVA** | **22 KVA** |

Floor Space Required

- **86" x 39"** | **2.2m x 1.0m** | **86" x 100"** | **2.2m x 2.5m** | **86" x 100"** | **2.2m x 2.5m** |

Approximate Weight

- **4,250 lb** | **1,900 kg** | **7,000 lb** | **3,100 kg** | **9,000 lb** | **4,000 kg** |

Features

**Drive** These coilers are completely self-contained units with inbuilt drive and are designed to operate under either Tension Control or Speed Control according to requirements.

**'Petal' lay** To assist the removal of wire from coils made on this machine the wire is dropped into the coil in a petal pattern or lay. This is achieved by a rotating distributor attached to the underside of the capstan. The SGD3 and SGD4 coilers may alternatively be supplied without distributor but with a device to eccentrically rotate the coil under the capstan. The speed rotation of the coil may be adjusted to vary pattern form.

**Accumulator** This device allows a full coil to be removed and an empty stem to be loaded without stopping the coiler.

**Loading/Unloading** The type SGD1 is normally equipped with a revolving loading platform (as illustrated). Alternatively it may be supplied with a pass through conveyor of the type fitted to the SGD4 (as illustrated).

**Coiling ring** Chrome plated to reduce wear.

**Jog pedals** Switches are fitted to enable the Operator to 'inch' the wire drawing machine from the coiler position, and to 'inch' the coiler for string-up.

**Automatic operation** If desired these coilers may be arranged to unload coils of pre-determined length and load empty stems. Details available on request.

Disclaimer

Whilst we have endeavoured to ensure that the information contained herein is accurate, Winget Syncro and Beaumont Machinery do not accept responsibility for any errors or omissions. This specification is subject to amendment.