BM Transformer / Coil Winding Machines

The BM Range of Coil Winding machines with automatic wire guide. Ideal for winding small transformers and solenoids.

- Very robust and reliable
- Layer winder with automatic stop at pre-set number of turns.
- Ideal for small batch and “specials”
- Excellent repeatability and accuracy
- Can be supplied as a complete production unit, mounted on a table with wire tensioning and de-reeling devices, full safety guarding and foot pedal operation.
- Optional infinitely variable AC drive for winding speeds 0-2000rpm. The machine counter is then also ungraded to a multi stop counter with program and memory so that programs can be written and saved.
- Constructed from robust aluminium castings and high grade steel.
- The wire guide is driven to and from by reversing dog gears via a lead screw. The traverse direction can be changed manually by a lever. The reverse carriage can be released by a quick release nut and moved to any desired position.
- The tailstock is provided with a ball race and quick release lever. The machine is provided with a universal winding spindle with cones for easy clamping of the bobbins.
- The two stage wire range is selected by a lever and adjusting wheel.
- An easily read scale shows the wire pitch setting.
- The machines are driven by a single phase 230V motor incorporating an enclosed mechanical clutch and brake which is foot-pedal operated.
- The clutch can be slipped and the hand wheel used to rotate the winding shaft.

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- All models are supplied with an auto-stop facility comprising of a five figure pre-determining electronic counter and electronic brake.

<table>
<thead>
<tr>
<th></th>
<th>BM1A</th>
<th>BM1B</th>
<th>BM1</th>
<th>BM5</th>
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</thead>
<tbody>
<tr>
<td><strong>Wire range</strong></td>
<td>0.06 - 1.40 mm</td>
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<td>0.16 - 4.00 mm</td>
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<tr>
<td><strong>Coil diameter</strong></td>
<td>Max 180</td>
<td>Max 180</td>
<td>Max 180</td>
<td>Max 300</td>
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<tr>
<td><strong>Coil length</strong></td>
<td>5-190</td>
<td>5-190</td>
<td>5-190</td>
<td>5-220</td>
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<tr>
<td><strong>Drive</strong></td>
<td>1 phase, 4000 rpm</td>
<td>1 phase, 4000 rpm</td>
<td>1 phase, 4000 rpm</td>
<td>1 phase 1400 rpm</td>
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