Model 100L Specifications and Dimensions

**STANDARD FEATURES:**
- 1/2 HP, 115 volt, 50/60 Hz, single phase motor (supplied with cord and plug).
- Variable speed control from 1-10,000 rpm.
- Type 316 stainless steel wetted parts.
- Sturdy frame for bench mounting.
- All non-stainless steel external surfaces coated with a white two part epoxy paint.
- Easy to completely disassemble and clean with simple hand tools.

**AVAILABLE MIXING ATTACHMENTS**:  
- **L Attachment**: High Shear Rotor/Stator attachment complete with disintegrating, slotted, and fine screen stator heads. Attachment is equipped with a glass filled Teflon bushing.
- **DL Attachment**: High speed disperser or propeller mixer attachment.
- **ML Attachment**: High Shear Micro Rotor/Stator attachment for batches between 50 and 500 ml.

**AVAILABLE OPTIONS:**
- Down-thrust propeller for standard rotor/stator attachment.
- Bronze or solid Teflon bushings or Stellite bushing and shaft (for abrasive applications) for standard Rotor/Stator attachment.
- 80 mesh fine screen stator head for standard Rotor/Stator attachment.
- Vessel/Beaker clamp attachment.

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**Model 100L Specifications and Dimensions**

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>RPM</th>
<th>D O.A. Height</th>
<th>E O.A. Width</th>
<th>F O.A. Length</th>
<th>G (L attachment)</th>
<th>H (ML attachment)</th>
<th>H Distance between feet</th>
<th>Capacity (water)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100L</td>
<td>1/2</td>
<td>0 to 10,000</td>
<td>24</td>
<td>610</td>
<td>13.25</td>
<td>336</td>
<td>15 7/8</td>
<td>282.6</td>
<td>11 3/8</td>
<td>288.9</td>
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</tbody>
</table>

* See back of this sheet for dimensions of attachments.

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CHARLES ROSS & SON COMPANY  
P.O. Box 12308, 710 Old Willets Path, Hauppauge, NY 11788 • Fax: 1-631-234-0691 • Tel: 1-631-234-0500  
Website: www.mixers.com • Email: sales@mixers.com
**Model 100L Attachments**

**L Attachment**  
(standard rotor/stator)

- Round hole disintegrating (included)
- Fine screen (included)
- Slotted (included)

**DL Attachment**  
(high speed disperser)

- 1 1/2" dia. propeller (included)
- 2" dia. propeller (included)

**ML Attachment**  
(micro rotor/stator)

- Slotted stator

<table>
<thead>
<tr>
<th>Attachment</th>
<th>A Rotor Diameter</th>
<th>B Lower Flange</th>
<th>C Shaft Length</th>
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<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
<td>inches</td>
</tr>
<tr>
<td>L</td>
<td>1 3/8</td>
<td>34.9</td>
<td>2 1/2</td>
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<tr>
<td>DL</td>
<td>2*</td>
<td>50.8</td>
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<tr>
<td>ML</td>
<td>0.69</td>
<td>17.5</td>
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</table>

* A 2" disperser blade is supplied with this attachment. Consult factory for information on other available sizes.