The HR Spiratron® Flat Bottom machines are ideal for large component finishing. Used for batch processing, the machine is loaded and unloaded by piece by hand. For small parts and part on part, it is unloaded through the unload plug or door. NOTE: Some applications are possible with a magnetic belt separator.

**Features**

- **Heavy duty Welded Steel Construction**
  Main building component of the bowl is a certified pressure vessel tank head.

- **Cast Polyurethane Liner**
  Polyurethane liner is cast, not sprayed on. This improves media rebound and provides more wear depth. 50% additional lining in high wear areas.

- **“U” Shaped Straight or Curved Wall Processing Bowl**

- **Mounted to Non-Vibrating Base**

- **Premium Efficiency, Ball Bearing, Cast Iron Motor**
  TEFC, 1800 RPM, 230/460V

- **Water-Driven Compound System**
### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Total Capacity L (cu.ft.)</th>
<th>Max Working Capacity L (cu.ft.)</th>
<th>Overall Diameter mm (in.)</th>
<th>Overall Height mm (in.)</th>
<th>Process Channel Width mm (in.)</th>
<th>Center Column Diameter mm (in.)</th>
<th>Screen Deck Width mm (in.)</th>
<th>Screen Deck Height mm (in.)</th>
<th>Base Diameter mm (in.) / # of Drains</th>
<th>Motor Horse Power kw (HP)</th>
<th>460 Volts Amp Load</th>
<th>230 Volts Amp Load</th>
<th>Approx Shipping Weight kg (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR-3 FB</td>
<td>165 (5.5)</td>
<td>90 (3)</td>
<td>1086 (42)</td>
<td>1092 (43)</td>
<td>190 (7.5)</td>
<td>N/A</td>
<td>N/A</td>
<td>1041 (41)</td>
<td>101.6 (4) / 1</td>
<td>2.2 (3)</td>
<td>7.8</td>
<td>12.6</td>
<td>997.9 (2,200)</td>
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<tr>
<td>HR-5 FB</td>
<td>300 (10.71)</td>
<td>180 (6)</td>
<td>1236 (48.7)</td>
<td>1181 (46.5)</td>
<td>259 (10.2)</td>
<td>N/A</td>
<td>N/A</td>
<td>1193 (47)</td>
<td>101.6 (4) / 3</td>
<td>2.2 (3)</td>
<td>7.8</td>
<td>12.6</td>
<td>1360.8 (3,200)</td>
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<tr>
<td>HR-11 FB</td>
<td>601 (20.4)</td>
<td>345 (11.5)</td>
<td>1555 (61.25)</td>
<td>1320 (52)</td>
<td>317 (12.5)</td>
<td>N/A</td>
<td>N/A</td>
<td>1448 (57)</td>
<td>101.6 (4) / 3</td>
<td>5.6 (7.5)</td>
<td>14</td>
<td>25</td>
<td>2267.9 (5,000)</td>
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<tr>
<td>HR-17 FB</td>
<td>900 (33.1)</td>
<td>510 (17)</td>
<td>1718 (67)</td>
<td>1346 (53)</td>
<td>381 (15)</td>
<td>N/A</td>
<td>N/A</td>
<td>1702 (67)</td>
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<td>7.5 (10)</td>
<td>17</td>
<td>31</td>
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<tr>
<td>HR-23 FB</td>
<td>1500 (50.3)</td>
<td>600 (20)</td>
<td>1903 (76)</td>
<td>1346 (53)</td>
<td>457 (18)</td>
<td>N/A</td>
<td>N/A</td>
<td>1702 (67)</td>
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<td>7.5 (10)</td>
<td>17</td>
<td>31</td>
<td>2812.2 (6,200)</td>
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<tr>
<td>HR-29 FB</td>
<td>1698 (60.0)</td>
<td>840 (28)</td>
<td>2032 (80)</td>
<td>1619 (63.75)</td>
<td>508 (20)</td>
<td>N/A</td>
<td>N/A</td>
<td>1676 (66)</td>
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<td>17</td>
<td>31</td>
<td>2993.7 (6,600)</td>
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<tr>
<td>HR-35 FB</td>
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<td>990 (33)</td>
<td>2032 (80)</td>
<td>1618 (63.75)</td>
<td>609 (24)</td>
<td>N/A</td>
<td>N/A</td>
<td>1676 (66)</td>
<td>101.6 (4) / 3</td>
<td>7.5 (10)</td>
<td>17</td>
<td>31</td>
<td>3293.7 (6,600)</td>
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<tr>
<td>HR-39 FB</td>
<td>4550 (162)</td>
<td>1620 (64)</td>
<td>2743 (108)</td>
<td>2032 (80)</td>
<td>558 (22)</td>
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<td>N/A</td>
<td>2642 (104)</td>
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<td>22.3 (30)</td>
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<td>83</td>
<td>5443.1 (12,000)</td>
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<td>HR-60 FB</td>
<td>6720 (224)</td>
<td>2555 (88)</td>
<td>3048 (120)</td>
<td>2184 (86)</td>
<td>685 (27)</td>
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<td>N/A</td>
<td>2642 (104)</td>
<td>101.6 (4) / 3</td>
<td>22.3 (30)</td>
<td>43</td>
<td>83</td>
<td>9289.6 (20,500)</td>
</tr>
</tbody>
</table>

**Abbreviation Key**
- **SFB** - Straight Wall Flat Bottom
- **CFB** - Curved Wall Flat Bottom

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**HR-3 SFB/CFB**
- On/Off Switch
- Water Driven Compound System
- Grease Drive System

**HR-5 SFB/CFB**
- Semi-Automatic Control Panel
- Water Driven Compound System
- Digital Process Timer
- Grease Drive System

**HR-11 SFB/CFB (& Larger)**
- Semi-Automatic Control Panel
- Water Driven Compound System
- Digital Process Timer
- Recirculating Oil Lube Drive System