**Characteristics**

- Electronic temperature control
- Chilling options:
  - Water-Water-Chiller (WW) for connection to central cooling system or external cooling unit
  - Self-chilling stand alone unit with integrated Air-Water-Chiller (AW)
- Electric heating up to 50 °C
- Coated stainless steel tank
- Chemical and abrasion resistant pump
- Housing out of chemically and mechanically resistant plastic
- Quick couplings on all electrical connections and media lines
- Acoustic alarm in case of errors (e.g. deadlock of the pump)
- System on wheels for positioning

**Advantages**

- Heating and cooling through outer tank walls prevent incrustations and agglomeration of polishing powders
- Enables finer and more consistent high precision temperature control
- polishing grades
- Minimization of media-contacting components a main design target
- Pump unit together with recycle opening freely rotatable & adjustable
- Pump unit together with tank lid completely removable
- Smooth surfaces without corners and edges enable easy cleaning of the entire system from the inside and outside
- Compact design
- Clear and comfortable operation
- Enables efficient use of the polishing slurry in circulation

**Application Area**

- With polishing machines
- With machines that require precision temperature-controlled fluid feed
- Application where you want to recycle fluids
- High precision machining

**Options**

- Sensor for pH-measurement
- Sensor for flow rate
- Level monitoring with alarm function
- Mechanical agitator
- Bypass for fluid mixing without mechanical agitator
- SPS controls incl. temperature recording
- Further options upon request
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th></th>
<th>PSS - 15</th>
<th>PSS - 25</th>
<th>PSS - 35</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Filling volume [l]</strong></td>
<td>15</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td><strong>Supply pumps</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Max. flow rate per pump [l/min]</strong></td>
<td>100</td>
<td>100</td>
<td>100</td>
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<tr>
<td><strong>Temperature accuracy [°C]</strong></td>
<td>≤ 1</td>
<td>≤ 1</td>
<td>≤ 1</td>
</tr>
<tr>
<td><strong>Electric connection</strong></td>
<td>400 V – 3 Ph – 50 Hz</td>
<td>220 V – 1 Ph – 50 Hz</td>
<td>208 V – 3 Ph – 60 Hz</td>
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<tr>
<td></td>
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<tr>
<td><strong>Water-Water-Chiller (WW)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions [L x W x H cm³]</strong></td>
<td>80 x 52 x 61</td>
<td>80 x 52 x 65</td>
<td>80 x 55 x 69</td>
</tr>
<tr>
<td><strong>Inlet height – IH [cm]</strong></td>
<td>39</td>
<td>43</td>
<td>47</td>
</tr>
<tr>
<td><strong>Air-Water-Chiller (AW)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions [L x W x H cm³]</strong></td>
<td>104 x 56 x 65</td>
<td>104 x 56 x 65</td>
<td>104 x 59 x 69</td>
</tr>
<tr>
<td><strong>Inlet height – IH [cm]</strong></td>
<td>43</td>
<td>43</td>
<td>47</td>
</tr>
</tbody>
</table>