### Ordinary Agitation Tank

**Principle**
The rotation of the impeller drives the flowing of the slurry, and under the working of the circular cylinder, small circulations are formed in the tank, which realizes the fully agitating.

**Features**
The cylinder is lined with wear-resistant rubber with strong resistance to wear and corrosion.

Big linear velocity impeller and strong agitation capability.

**Application**
Used for the slurry agitation stirring before the flotation operation.

**Technical Parameters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective Volume (m³)</th>
<th>Rotating Speed of Impeller (r/min)</th>
<th>Diameter of Impeller (mm)</th>
<th>Motor Model</th>
<th>Motor Power (kW)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BJ-500 × 500</td>
<td>0.0785</td>
<td>493</td>
<td>160</td>
<td>Y80L-4</td>
<td>0.55</td>
<td>120</td>
</tr>
<tr>
<td>BJ-750 × 750</td>
<td>0.25</td>
<td>530</td>
<td>240</td>
<td>Y100L-6</td>
<td>1.5</td>
<td>240</td>
</tr>
<tr>
<td>BJ-1000 × 1000</td>
<td>0.58</td>
<td>530</td>
<td>310</td>
<td>Y100L-6</td>
<td>1.5</td>
<td>680</td>
</tr>
<tr>
<td>BJ-1500 × 1500</td>
<td>2.2</td>
<td>320</td>
<td>400</td>
<td>Y132S-6</td>
<td>3</td>
<td>790</td>
</tr>
<tr>
<td>BJ-1600 × 1800</td>
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<td>331</td>
<td>400</td>
<td>Y132M2-6</td>
<td>5.5</td>
<td>990</td>
</tr>
<tr>
<td>BJ-2000 × 2000</td>
<td>4.4</td>
<td>230</td>
<td>550</td>
<td>Y132M2-6</td>
<td>5.5</td>
<td>1800</td>
</tr>
<tr>
<td>BJ-2000 × 2500</td>
<td>5.9</td>
<td>230</td>
<td>630</td>
<td>Y160M-6</td>
<td>7.5</td>
<td>2106</td>
</tr>
<tr>
<td>BJ-2500 × 2500</td>
<td>11.2</td>
<td>230</td>
<td>630</td>
<td>Y160M-6</td>
<td>7.5</td>
<td>2766</td>
</tr>
<tr>
<td>BJ-3000 × 3000</td>
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<td>Y225S-8</td>
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</tr>
<tr>
<td>BJ-3500 × 3500</td>
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<td>230</td>
<td>850</td>
<td>Y225M-8</td>
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<td>5980</td>
</tr>
<tr>
<td>BJ-4000 × 4000</td>
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<td>150</td>
<td>1000</td>
<td>Y250M-8</td>
<td>30</td>
<td>8910</td>
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</table>

### Cone-bottom Agitation Tank

**Principle**
The rotation of the impeller drives the flowing of the slurry, which realizes the fully agitating of the slurry.

**Features**
The cylinder is lined with wear-resistant rubber with strong resistance to wear and corrosion.

Strong ore discharging capability.

**Application**
Used for the slurry agitation before the flotation operation.

**Technical Parameters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Effective Volume (m³)</th>
<th>Rotating Speed of Impeller (r/min)</th>
<th>Diameter of Impeller (mm)</th>
<th>Motor Model</th>
<th>Motor Power (kW)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BJZ-750 × 750</td>
<td>0.26</td>
<td>530</td>
<td>240</td>
<td>Y90L-4</td>
<td>1.5</td>
<td>240</td>
</tr>
<tr>
<td>BJZ-1000 × 1000</td>
<td>0.62</td>
<td>530</td>
<td>240</td>
<td>Y100L-6</td>
<td>1.5</td>
<td>680</td>
</tr>
<tr>
<td>BJZ-1500 × 1500</td>
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<td>320</td>
<td>400</td>
<td>Y132S-6</td>
<td>3</td>
<td>1375</td>
</tr>
<tr>
<td>BJZ-2000 × 2000</td>
<td>5.6</td>
<td>230</td>
<td>550</td>
<td>Y132M2-6</td>
<td>5.5</td>
<td>2000</td>
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</table>