

▶ 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

Model	Effective Volume (m ³)	Rotating Speed of Impeller (r/min)	Diameter of Impeller (mm)	Motor Model	Motor Power (kW)	Weight (kg)
BJZ-750 × 750	0.26	530	240	Y90L-4	1.5	240
BJZ-1000 × 1000	0.62			Y100L-6		680
BJZ-1500 × 1500	2.38	320	400	Y132S-6	3	1375
BJZ-2000 × 2000	5.6	230	550	Y132M2-6	5.5	2000



▶ Reagent Agitation Tank

Principle

Through the impeller rotation inside the tank, the liquid is made to flow and fully mix with the agent.

Features

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

Strong mixture capability of the liquid and the agent.

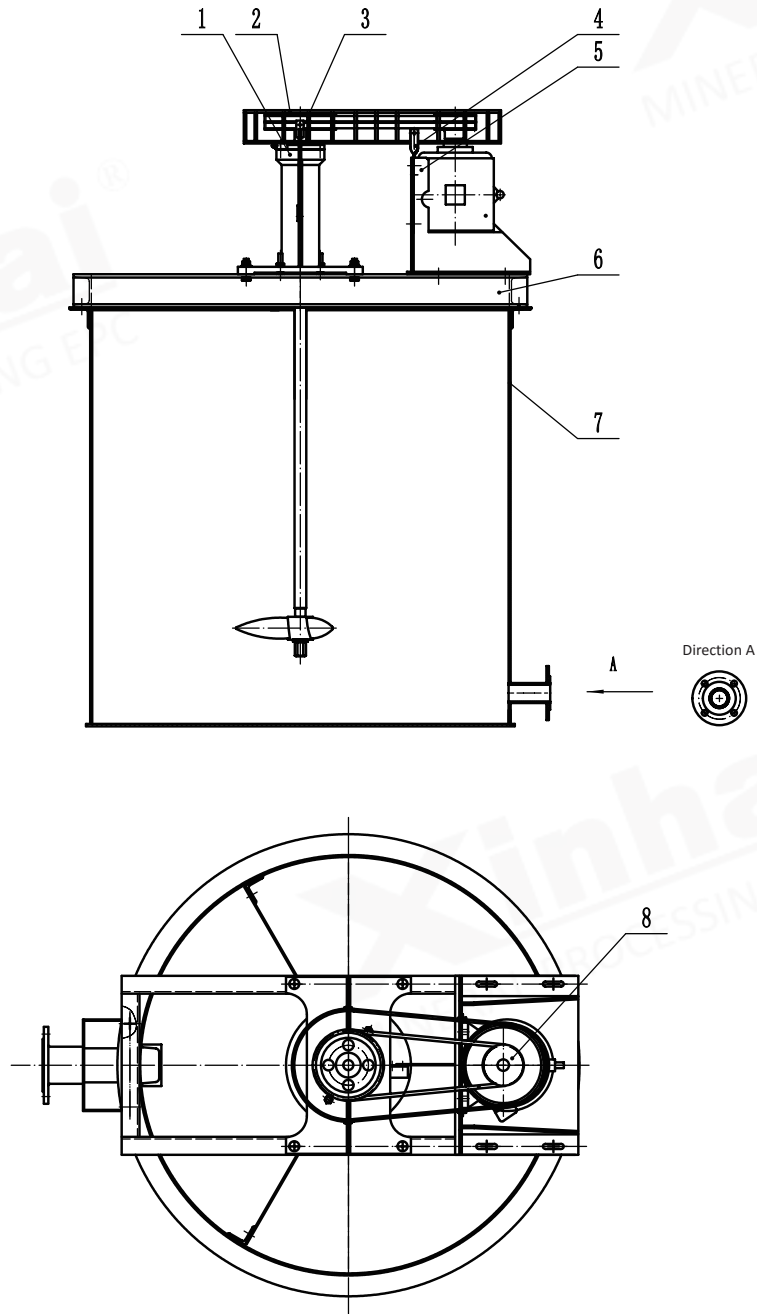
Application

Used for the agent preparation before the floatation.

Technical Parameters

Model	Effective Volume (m ³)	Rotating Speed of Impeller (r/min)	Diameter of Impeller (mm)	Motor Model	Motor Power (kW)	Weight (kg)
BJW-500 × 600	0.094	493	200	Y80L-4	0.55	120
BJW-750 × 750	0.25	530	240	Y100L-6	1.5	230
BJW-750 × 1000	0.35	530	240	Y100L-6	1.5	270
BJW-1000 × 1000	0.58	530	240	Y100L-6	1.5	420
BJW-1250 × 1250	1.15	492	310	Y100L1-4	2.2	490
BJW-1500 × 1500	2.2	320	400	Y132S-6	3	1310
BJW-2000 × 2000	5.46	230	550	Y132M2-6	5.5	1720
BJW-3000 × 3000	14.8	210	700	Y225S-8	18.5	4613





■ Structure Drawing of Reagent Agitation Tank

- ⊙ Notes:
- | | |
|-----------------------------|------------------------------|
| 1. Vertical shaft assembly | 2. Safety guard |
| 3. Safety guard outrigger I | 4. Safety guard outrigger II |
| 5. Motor base | 6. Frame |
| 7. Tank body | 8. Small belt pulley |