



Description of Flotation machine

Ore flotation equipment is applicable for the separation of nonferrous metal and ferrous metal and nonmetal, such as fluorite and talc. The impeller is driven by V-belts, which can bring the centrifugal effect to form the negative pressure. On the one hand, to inhale sufficient air to mix with ore pulp; on the other hand to stir ore pulp and mix with medication to form the mineralized froth. To adjust the height of flashboard to control the liquid level and make the useful froth scraped by loam board.

Flotation separator application:

To check the bolts before starting the flotation cells and to use hand instead of impellers to prevent the sediment from adding the burden of electromotor. To adjust the height of stobe carefully to keep the stabilization of liquid level and scrape the mineralized froth to the launder. The impellers and stators should have a distance and should be changed when they are worn. The bearing in the pump should be maintained every three months.

Features of flotation cell

- 1a Reasonable design
- 2a High-efficiency
- 3a Low consumption, energy saving
- 4a Easy to maintain
- 5a Easy to operate

Description of Flotation machine

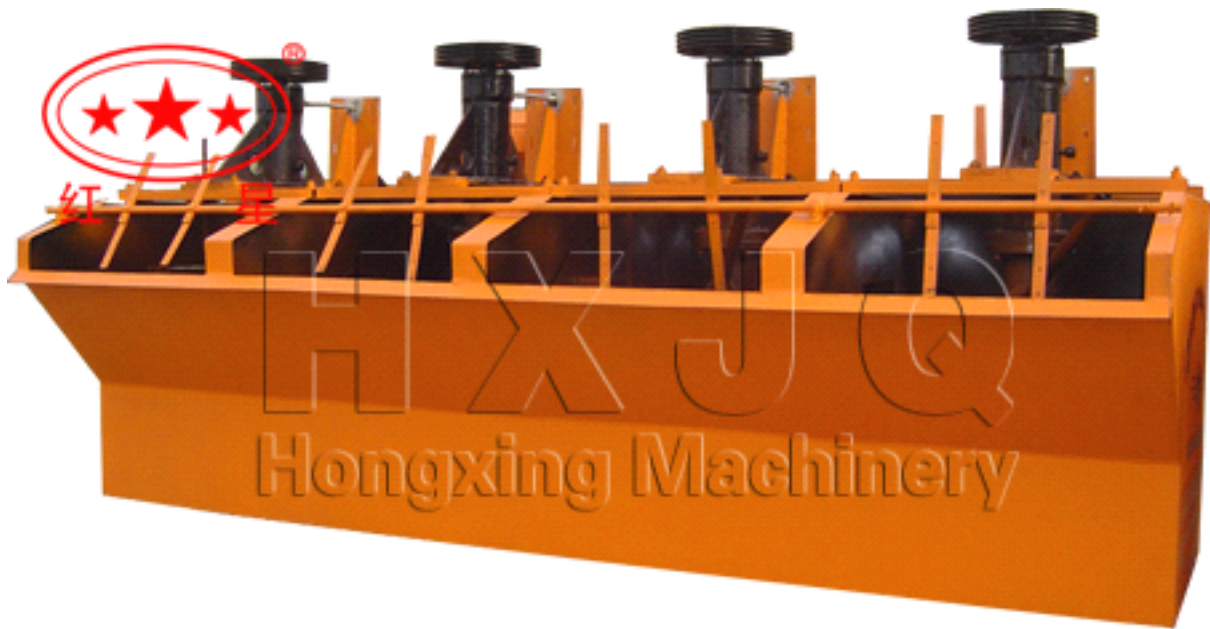
Ore flotation equipment is applicable for the separation of nonferrous metal and ferrous metal and nonmetal, such as fluorite and talc. The impeller is driven by V-belts, which can bring the centrifugal effect to form the negative pressure. On the one hand, to inhale sufficient air to mix with ore pulp; on the other hand to stir ore pulp and mix with medication to form the mineralized froth. To adjust the height of flashboard to control the liquid level and make the useful froth scraped by loam board.

Flotation separator application:

To check the bolts before starting the flotation cells and to use hand instead of impellers to prevent the sediment from adding the burden of electromotor. To adjust the height of stobe carefully to keep the stabilization of liquid level and scrape the mineralized froth to the launder. The impellers and stators should have a distance and should be changed when they are worn. The bearing in the pump should be maintained every three months.

Features of flotation cell

- 1a Reasonable design
- 2a High-efficiency
- 3a Low consumption, energy saving
- 4a Easy to maintain
- 5a Easy to operate



Technical parameters of XJK series flotation machine

Model		XJK-0.35 (3A)	XJK-0.62 (4A)	XJK-1.1 (5A)	XJK-2.8 (6A)	XJK-5.8 (7A)
Effective cubage(m3)		0.35	0.62	1.1	2.8	5.8
Production capacity(m3/min)		0.18--0.4	0.3--0.9	0.6--1.6	1.5--3.5	3--7
Rotation speed(r/min)		470	400	330	280	240
Blade diameter(mm)		300	350	500	600	750
Rotor		Y90L-4	Y100L2-4	Y132M2-6	Y160L-6	Y200L2-6 (Y225M-6)
Scraping plate		Y90S-4	Y90S-4	Y90S-4	Y90S-4	Y90L-4
Blade Motor		1.5	3	5.5	11	22 (30)
功率 (kw) Scraping plate		1.1	1.1	1.1	1.1	1.5
Motor						
Weight(t/single trough)		0.43	0.86	1.38	2.33	3.533

Technical parameters of SF flotation machine

Model		SF0.37	SF0.7	SF1.2	SF2.8	SF4	SF8
Trough capacity(m3)		0.37	0.7	1.2	2.8	4	8
Blade diameter(mm)		300	350	450	550	650	T60
Production capacity(m ³ /min)		0.2-0.4	0.3-0.9	0.6-1.2	1.5-3.5	0.5-4	4-8
Blade rotation speed(m3/min)		352	400	312	268	238	191
Model		①Y90L-4	①Y100L2-4	①Y132M2-6	①Y160L-6	①Y180L-6	①Y250M-8
Motor		②Y90S-4	②Y90S-4	②Y90S-4	②Y90S-4	②Y90L-4	②Y100L-6
Power(kw)		①1.5	①3	①5.5	①11	①15	①30
		②1.1	②1.1	②1.1	②1.1	②1.5	②1.5
Dimensions(mm)		700*700*750	900*820*950	1100*1100*1100	1700*1600*1100	1850*2050*1200	2200*2900*1400
Single trough weight(kg)		468	600	1373	2338	2660	4486