



### Flotation Machine

The machine can be used to separate nonferrous metal, ferrous metal, noble metal, nonmetallic mine, chemical material and recycle mine. The features have: high inhalation, low power. Each chute can inhale gas, sink magma, separate. There is no need of accessory equipments horizontal equipment. It is easy to change the flow chart. The cycling way of magma is very reasonable. It can reduce the impurities to a great extent. There is automatic equipment on the magma surface. It is easy to adjust. The upward one makes the magma cycle toward upward, which the downward one makes the magma cycle downward.

### Selfinhaling Flotation Machine:

Models	Chute volume (m)	Impeller Diameter (mm)	Capacity (m <sup>3</sup> /min)	Impeller Speed (r/min)	Scraper Speed (kw)	Impeller Motor (kw)	Scraper Motor (kw)	Weight (t)
XJ-0.13	0.13	200	0.05-0.16	600	17.5	Y90L4-1.5		0.31
XJ-0.23	0.23	250	0.12-0.28	500	17.5	Y90L4-1.5		0.43
XJ-0.35	0.35	300	0.18-0.4	470	17.5	Y90L4-1.5		0.39
XJ-0.62	0.62	350	0.3-0.9	400	16	Y100L4-3		0.81
XJ-1.1	1.1	500	0.6-1.6	330	36	Y160-5.5	Y1.1-4	1.24
XJ-2.8	2.8	600	1.5-3.5	280	26	Y11-6	Y1.1-4	2.24

### PRINCIPAL TECHNICAL DATA:

Type	Volume (m)	Impeller Diameter (mm)	Production Capacity (m <sup>3</sup> /min)	Impeller Speed (r/min)	Accessory Motor				Chute Dimension (L*W*H) (mm) <sup>3</sup>	Unite Weight of Chute (mm)	Air Inhaled (m <sup>3</sup> /m <sup>2</sup> /min)
					for impeller		for scraper				
					Type	Power	Type	Power			
SF-0.15	0.15	200	0.06-0.18	536	Y90L-6	1.5	Y801-4	0.55	500*500*600	0.27	0.9-1.0
SF-0.37	0.37	296	0.2-0.4	386	Y90L-4	1.5	Y801-4	1.1	900*700*750	0.47	0.9-1.0
SF-0.65	0.65	350	0.3-0.9	400	Y132S-6	3	Y90L-6	1.1	700*900*900	0.93	0.9-1.0
SF-1.2	1.2	450	0.6-1.2	312	Y132S2-6	5.5	Y90L-6	1.1	1100*1100*1100	1.37	0.9-1.0
SF-2.8	2.8	550	1.5-3.5	270	Y160L-6	11	Y90L-6	1.1	1700*1600*1150	2.13	0.9-1.0
SF-4	4	650	2-4	220	Y200L-8	15	Y100-6	1.5	1850*2050*1200	2.58	0.9-1.0
SF-8	8	760	4-8	191	Y250M-8	30	Y100-6	1.5	2200*2900*1400	4.13	
SF-10	10	760	5-10	191	Y250M-8	30	Y100-6	1.5	2200*2900*1400	4.49	