

# SF型浮选机

## SF type flotation machine

浮选机是浮游选矿机的简称，适用锂辉石、锂云母、金矿、铜矿等金属矿石的选别，常用于浮选作业中的粗选或扫选，是当前市场上性价比较高的一款浮选设备。

Flotation cell is the abbreviation of flotation concentrator, which is suitable for the separation of spodumene, lepidolite, gold ore, copper ore and other metal ores. It is often used for roughing or sweeping in flotation operations. Flotation equipment.



## 产品优势

### >> Product Advantages

#### 1、功能多、效率高

每槽兼有吸气、吸浆和浮选三重功能，浮选效率高；前倾式槽体，泡沫运动速度快，处理效率高。

#### 2、循环合理、悬浮效果好

后倾式叶轮双面叶片，矿浆循环合理，有利于粗粒矿物的悬浮。

#### 3、大吸气量

叶轮和盖板之间的间隙较大，可有效减少对吸气流量的影响，且叶轮旋转时，内部矿浆循环可起到辅助吸气作用。

#### 4、操作便捷

矿浆面自控装置，机械搅拌，调节方便。

#### 1. Multiple functions and high efficiency

Each tank has three functions of air suction, slurry suction and flotation, and the flotation efficiency is high; the forward-inclined tank body has fast foam movement speed and high processing efficiency.

#### 2. Reasonable circulation and good suspension effect

The backward inclined impeller has double-sided blades, and the slurry circulation is reasonable, which is conducive to the suspension of coarse minerals.

#### 3. Large suction volume

The gap between the impeller and the cover plate is large, which can effectively reduce the influence on the air intake, and when the impeller rotates, the internal slurry circulation can play an auxiliary role in air intake.

#### 4. Easy to operate

Ore slurry surface automatic control device, mechanical stirring, easy to adjust.

## 产品参数

### >> Product Parameters

型号 Model	有效容积 Effective volume (m <sup>3</sup> )	处理能力 Capacity (m <sup>3</sup> /min)	叶轮直径 Diameter of impeller (mm)	叶轮转速 Impeller revolutions (r/min)	搅拌用电机功率 Stirring motor power (kw)	刮板用电机功率 Motor power for scraper (kw)	单槽重量 Single slot weight (kg)
SF-0.37	0.37	0.2~0.4	300	352~442	1.5	0.55	468
SF-0.7	0.7	0.3~1.0	350	336~384	3	1.1	629
SF-1.2	1.2	0.6~1.6	450	312	5.5	1.1	1373
SF-2	2	1.5~3	550	280	11	1.5	1879
SF-2.8	2.8	1.5~3.5	550	280	11	1.5	1902
SF-4	4	2.0~4	650	235	15	1.5	2582
SF-6	6	3~6	760	191	30	2.2	3540
SF-8	8	4.0~8	760	191	30	2.2	4129
SF-16	16	5.0~16	850	169~193	45	1.5	7415
SF-20	20	10~12	850	169~193	45	1.5	9828

注：技术数据如有变更，恕不另行通知。 Any change of technical data shall not be advised additionally.