



## Copper Minerals Flotation Machine Gold Ore Concentration Separating

Our Product Introduction

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### Basic Information

- Place of Origin: Henan
- Brand Name: ASCEND
- Certification: CO
- Model Number: SFO.37 SF0.7 SF1.0 SF1.2 SF2.0 SF2.8 SF4.0 SF8.0
- Minimum Order Quantity: 1 piece
- Price: 3999-4999 USD /piece
- Packaging Details: wooden case packing
- Payment Terms: Western Union, L/C, T/T
- Supply Ability: 10 pieces per month



### Product Specification

- Application: Mining
- Capacity: Customized
- Material: Metal ,ores
- Name: Mining Crusher Machine
- Power: Customized
- Size: Customized
- Type: Beneficiation Machine
- Voltage: 380v
- Warranty: 1 Year
- Weight: Customized
- Highlight: Gold Ore Flotation Machine,  
Customized Copper Minerals Flotation Machine



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## Product Introduction

Flotation machine is also called flotation cell, which is the mineral separation equipment based on different physical and chemical properties of mineral particles, difference floating or chemical reaction to separate materials.

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## Working principle

The impellers are driven through V belt transmission, which brings centrifugal effect to form the negative pressure. On the one hand, the flotation machine inhales sufficient air to mix with ore slurry; on the other hand, it stirs ore slurry 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. Each chute can inhale gas, sink magma, separate. No assisting equipments are required, and it must be levelly installed. 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, easy to adjust. The impeller also owns the upper and lower retroversion blade. The upper one makes the magma cycle upward, while the lower one makes the magma cycle downward.

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## Application

**Application:** This flotation machine is widely used in rougher flotation ,fine flotation and reverse flotation for nonferrous metal,ferrous metal and nonmetal minerals like copper.lead,zinc,nickel and molybdenum etc.The flotation machine also can he used for concentrating of coal, calcium fluoride and talcum.

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## Features

- 1). Large air suction volume, low power consumption.
- 2). Long service life of wear parts.
- 3). Each tank with air suction, slurry suction and flotation function does not need any accessory equipment to form flotation circle, which is convenient for process flow changing.
- 4). The reasonable slurry circulation minimizes coarse sand sediments, and is conducive to flotation of coarse particle.

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## Technical parameters

Model	Volum e (m3)	Cell size (mm)	Impeller Dia. (mm)	Impeller speed (r/min)	Capacity (m3/min)	Power (kw)	Singe cell weight (kg)
XJ-3	0.35	700× 700× 700	300	483	0.18-0.4	2.2/0.55	430

XJ-6	0.62	820× 900× 850	350	400	0.3-0.9	3/1.1	755
XJ-11	1.1	1100× 1100× 1000	500	330	0.6-1.6	5.5/1.1	1416
XJ-28	2.8	1750× 1600× 1100	600	280	1.5-3.5	11/1.1	2113
XJ-58	5.8	2200× 2200× 1200	750	240	3--7	22/1.5	3400
SF-0.37	0.37	700× 700× 750	296	386	0.2-0.4	1.5/0.55	468
SF-0.7	0.7	820× 900× 950	350	400	0.3-0.9	3/1.1	805
SF-1.2	1.2	1100× 1100× 1100	450	312	0.6-1.2	5.5/1.1	1373
SF-2.8	2.8	1700× 1600× 1150	550	268	1.5-3.5	11/1.5	2138
SF-4	4	1850× 2050× 1200	650	220	2--4	15/1.5	2582
SF-8	8	2200× 2900× 1400	760	191	4--8	30/1.5	4129
SF-10	10	2200× 2900× 1700	760	191	5--10	30/1.5	4486
SF-16	16	2850× 3800× 1700	760	191	5--16	30× 2/1.5	8320
SF-20	20	2850× 3800× 2000	760	191	5--20	30× 2/1.5	9828

## Working Sites

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## Company Profile

Henan Ascend Machinery & Equipment Co., Ltd. was established in 2005 and it is located in the high-tech zone of Zhengzhou City, Henan Province. As a technology driven mining equipment company, it is committed to the R&D, production, sales and after-sales service of mining machinery and equipment. The company's main products are crushers, grinding mill equipment, mineral beneficiation equipment, rotary dryer and crusher & grinding mill spare parts. In addition to the Chinese domestic market, Ascend machinery expands its business in more than 160 countries and regions. Focused on product quality and after-sales service, Ascend has won widespread praise and trust of international customers. We have a professional engineer team responsible for the pre-sales technical consultation, technical solutions in the process of sales, installation, commissioning and after-sales service to ensure that customers can purchase and use equipment with peace of mind.



## FAQ

### Q1. Are you factory or trading company?

We are factory specialized in manufacturing stone crushers, grinding mills, beneficiation equipments and other mining equipments. Our office and factories are based in Zhengzhou, China. Because we are factory, so we can guarantee the machine quality and we can give you very competitive factory price without extra agent cost.

**Q2. To which country your products have been exported before?**

In Africa, We have exported to Sudan, Kenya, Zambia, Ethiopia, Zimbabwe, Guinea, Nigeria and so on. We also exported South Africa, Chile, Peru, Ecuador, New Zealand, America, Austrilia more than 160 countries. Our equipment and service have won very high reputation in these countries.

**Q3. How will you help the customer install the equipment?**

We will send our senior engineer to your place to guide the installation and commissioning.

**Q4. How about the wear parts supply?**

We offer wear parts to our customer with our most favorable price. If there are problems you could not handle, we will send our technicians to your place.

**Q5.What about the payment method?**

T/T, Paypal, Western Union, L/C is available

**Q6.What about after-sale service?**

12 months warranty for all kinds of products; and you will get our 7\*24h online service.

## Contact Us

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