



## Copper Flotation Mining Processing Plant Equipment Rocks Particle Minerals Washing

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: **Copper Flotation Mining Processing Plant, Rocks Particle Copper Flotation Mining Plant, Minerals Copper Flotation Plant**



### More Images



### Product Introduction

The impeller has a double-sided blade with backward tilting, which can realize double circulation of slurry in the tank; the gap between the impeller and the cover plate is large, and the air intake is large; the circumferential speed of the impeller is low, and the life of the wearing parts is long; the forward inclined groove body has a small dead angle , foam movement speed; large inspiratory capacity, low energy consumption; long life of wearing parts; conducive to coarse-grain mineral flotation; mechanical agitation, self-priming, self-priming slurry.

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### Working principle

The working principle of the SF **flotation separator**, when the impeller rotates, the slurry in the upper and lower impeller chambers generates centrifugal force under the action of the upper and lower blades and is twisted to the periphery, so that a negative pressure zone is formed in the upper and lower impeller chambers. At the same time, the slurry in the upper part of the cover plate is sucked into the upper impeller cavity through the circulation hole on the cover plate to form a slurry circulation. When the lower blade pulls out the slurry around, the lower slurry is replenished to the center, thus forming a lower circulation of the slurry. The air is sucked into the upper impeller chamber through the suction pipe and the central cylinder, and is mixed with the sucked slurry to form a large number of fine bubbles, which are uniformly dispersed in the groove through the cover plate to form mineralized bubbles. The mineralized bubbles float up to the foam layer and are scraped off by the scraper to form a foam product.

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### Application

**Application:** Metal ore such as gold, silver, copper, Lead (Pb), Zinc (Zn), Tin, Nickel (Ni) and so on, non-metal mineral, raw body and materials of chemical industry.

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### Features

- ◆ Large air-absorption capacity and low energy consumption
- ◆ Forward inclined double impellers equipped with honeycomb duct and dummy bottom.
- ◆ Air and slurry are naturally sucked without need for foam pump.
- ◆ Process is easy to be changed.
- ◆ Can compose a joint flotation unit with SF flotation cell.

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### Technical parameters

Model	Volume (m3)	Cell size (mm)	Impeller Dia. (mm)	Impeller speed (r/min)	Capacity (m3/min)	Power (kw)	Single 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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