



Copper Ore Plant Mining Separator Flotation Machine Production Line

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: Ore Plant Mining Separator Flotation Machine, Copper Ore Mining Flotation Machine, Ore Mining Flotation Production Line



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Product Description

Product Introduction

Flotation machine is the abbreviation of floating concentrator, which refers to the mechanical equipment to complete the flotation process. In the floatation machine, the slurry is treated by mixing and aerating, so that some of the ore particles are selectively fixed on the bubbles, and the floating surface is scraped out to form foam products, while the rest is retained in the pulp to achieve the purpose of separating minerals. There are many structural forms of flotation machine, and the most commonly used one is mechanical stirring flotation machine.

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flotation (5)_.png

Working principle

The floatation machine is driven by the triangle belt of the motor to drive the impeller to rotate, resulting in centrifugal action to form negative pressure. On the one hand, the sufficient air is mixed with the slurry. On the one hand, the slurry is mixed with the medicine, and the foam is refined at the same time, so that the mineral adheres to the foam and floats to the slurry surface to form a mineralized foam. Adjust the height of the gate and control the liquid level, so that the useful foam is scraped out by the scraper.

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Application

Application: It is mainly used for the separation of copper, zinc, lead, nickel, gold and other non-ferrous metals, and can also be used for the roughing and cleaning of ferrous metals and nonmetals.

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Features

- 1, The aeration rate can be increased or decreased according to the demand and can be easily adjusted and kept constant, which is conducive to improving the processing capacity and separation index of the flotation machine;
- 2, The impeller has no suction function, so the speed is low, the power consumption is small, and the brittle minerals are not easy to produce mud phenomenon;
- 3, Due to the large processing capacity and shallow tank, the power consumption per unit capacity is low. The disadvantage is that a set of compressed air system is needed, and the sand pump is used to lift the intermediate products back. There are chf-x, xjc, bs-c, KYF, bs-k, lch-x, CLF and so on.

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Technical parameters

Model	Volume (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

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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.

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