



PFL Series Small vertical combination stone crusher Sand Making Machine PFL-1750

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ASCEND
- Certification: CE/ISSO9001
- Model Number: different models
- Minimum Order Quantity: 1 set
- Price: USD 3500-35000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 10 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 10 set per month



Product Specification

- Keyword: Fine Stone Crusher
- Name: Compound Crusher
- Motor Type: AC Motor
- Dimension(L*W*H): 3710x2360x2390
- Warranty: 1 Year
- The Machines Classification: Stone Crushing Machine
- Capacity: 100-160 T/h
- Highlight: **Small vertical combination stone crusher**



More Images



Product Description

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The compound crusher is also called vertical compound crusher, which is a new type of high efficiency crushing equipment, which is widely used in the mechanical building sand, stone and various metallurgical slag. It is also an ideal fine crushing equipment for cement raw materials, clinker, technical transformation or new cement production line in cement plant.



Working Principle

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Firstly, the material falls vertically into the impeller of high speed rotation from the upper part of the machine. Under the action of high-speed centrifugal force, the material distributed around the impeller in the form of umbrella will produce high-speed impact and crushing. After the material is impacted with each other, the material will be crushed by eddy current formed by eddy current between the impeller and the casing after collision, and then it will be discharged directly from the lower part to form a closed circuit. The product size is controlled by screening equipment for several times.

Product pictures

Product Advantages

Compared with other types of crushers, the compound crusher (composite breaker) has high yield and high efficiency. The crushing ratio is large, and the large crushing ratio can reach the discharging granularity, which can be adjusted arbitrarily, and it is not affected by the wear of the plate hammer and lining plate; without screen strip setting, the materials with high moisture content and large mud content are not easy to block; the elastic adjusting mechanism is adopted to automatically discharge the non-broken materials without damage to the equipment; The bearing is horizontally arranged with long life, and can break materials with high temperature (such as cement clinker); the product is cube, with large stacking density and minimal iron pollution; the rotor body of this machine has unique structure, and the rotor body is almost wear free when crushing materials; the rear cavity is equipped with screw rod or hydraulic opening mechanism, so it can easily replace the vulnerable parts without the main equipment. The noise of the work is lower than 75 dB (DB level), and the dust pollution is less. It is an ideal crushing equipment with high efficiency and environmental protection.

Specifications

Technical parameters

Model	PFL-800	PFL-1000	PFL-1250	PFL-1500	PFL-1750
Feed Grain(mm)	100	120	150	180	200
Material-in Size (mm)	0-5	0-5	0-5	0-5	0-5
Trening Capacity(t/h)	10-20	20-40	40-70	70-100	130-190
Motor Power (kw)	22	45-55	75	90-110	132-160
Maine Shaft Speed(r/min)	934	769	530	495	424
Overall Dimension(mm)	2100*1200*1700	2600*1400*1900	2800*1600*2100	3100*1900*2200	3710*2360*2390
Weight(t)	2.3	4.5	6.2	8.3	12

Working site

Company information

Ascendmachinery expands its business in more than 160 countries and regions. 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.

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