



Sand Making Machine For Coal Limestone Vertical Composite Compound Crusher PFL-1250

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ASCEND
- Certification: CE/ISSO9001
- Model Number: PFL-1250
- Minimum Order Quantity: 1 set
- Price: USD 3500-35000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 7-10 working 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): 2800X1600X2100
- Warranty: 1 Year
- The Machines Classification: Stone Crushing Machine
- Capacity: 40-70 T/h
- Highlight: Coal Limestone Vertical Compound Crusher, Sand Making Vertical Compound Crusher



More Images



Product Description

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Vertical compound crusher is a new type of machine based on the PCL vertical compound crusher and gets domestic and overseas fine crushing technology into together. It owns the advantages of large crushing ratio, 1.4 times higher than other domestic similar machines; high efficiency and energy-saving; the life of the wearing parts increased 2-3 times; adjustable gap between hammer and impact plate, which can satisfy different sizes requirement. It is widely used in mining, metallurgy, refractory, cement, coal, glass, ceramics, and electric power industries.



Working Principle

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When the machine is working, the motor drives the rotor fixed on the main bearing to run rapidly in a certain direction. The material falls into the throwing plate, is impacted by the high-speed strip of the throwing plate, and impinges on the throwing plate under the action of centrifugal force. Because the impact plate is inclined, coupled with the action of gravity, the material is thrown into the conical crushing chamber and affected by the high rotation of the upward hammer. After sufficient energy has been obtained, the material is again thrown onto the impact plate and the action is repeated. The materials collide with each other in the crushing chamber and then enter the cylindrical rotor chamber. Then crush, press, grind, and repeat. In this way, the material through the upper, middle and lower rotor crushing chamber, the hammer and impact plate crushing, pressing, grinding, the final material is gradually crushed into the required particle size out.

Product pictures

Product Advantages

1. Big crushing ratio, grain-size can be adjusted arbitrarily;
2. Do not suffer plate hammer, lining board wear the impact;

- 3. No screen bar settings, crushing high water content, hydraulic large material clogging;
- 4. Using elastic and adjusting mechanism, not into broken material can self-control;
- 5. Won't cause harm equipment, bearing level decoration; crusher backing compound
- 6. Long service life, low consumption ,stable running ,simple structure.

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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