



## Iron mineral/gypsum Combination Rock Crushing Vertical Type compound Crusher

Our Product Introduction

for more products please visit us on [mining-crushermachine.com](http://mining-crushermachine.com)

### 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: 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): Different Models
- Warranty: 1 Year
- The Machines Classification: Stone Crushing Machine
- Capacity: 10-150t/h
- Highlight: **gypsum Vertical Compound Crusher , Rock Crushing Vertical Compound Crusher, Iron mineral Vertical Compound Crusher**



### More Images



## Product Description

This Compound Crusher is widely used in all kinds of ores, cement, refractories, alumina clinker, glass raw materials and high hard, hard materials, fine in the field. In the mechanism building sand, stone and breaking of metallurgical slag is more widespread use, compared with other types of crusher production with high efficiency.



## Working Principle

The motor drives the rotor that fixed on the main bearing to run quickly toward certain direction when the machine works. The materials are fallen into the throw-up disc and impacted by the high speed strips of the throw-up disc, and then strikes with the impact board under the effect of Centrifugal Force. Because the impact board is bevel and the gravitation, the materials are threw to the taper crushing room and impacted by the high-rotating up hammerhead. After gaining sufficient energy, the materials are thrown to the impact board again and action repeats. The materials strike with each other in the crushing room and then are down to the column-shape rotor room. Then crushed, pressed, and ground and action repeats. In this way, the materials go through up, middle, and down rotor crushing rooms and crushed, pressed, and ground by the hammers and the impact boards, and finally the materials are gradually crushed into needed sizes and come out.

## Product Advantages

- 1.) Simple structure low operation cost
- 2.) High broken rate
- 3.) Low noise
- 4.) Maintenance easy

## 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.

### You may also like

[ball mill \(22\)](#)

[QQ20230504180748.jpg](#)

[hammer crusher 24](#)

[Ball Mill](#)

[Jaw Crusher](#)

[Hammer Crusher](#)

[-14](#)

[spring cone crusher \(9\)](#)

[14](#)

[2-Roller Crusher](#)

[Cone Crusher](#)

[Impact Crusher](#)

## After-Sales Service

## Contact us

**Contact: Wilson**

**Mobile: +86-18221130967**

**Email: wilson\_ascendme@163.com**



**Wechat**





**WhatsApp**



**ASCEND** Henan Ascend Machinery Equipment Co., Ltd.

 +86 18221130967

 wilson\_ascendme@163.com

 mining-crushermachine.com

Shenglong block, high tech zone, Zhengzhou, China