



## Stone Gravel Making Vertical Shaft Compound Crusher Machine

### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE/ISSO9001
- Model Number: PFL800 PFL1000 PFL1250 PFL1500
- 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: T/T, Western Union
- Supply Ability: 10 set per month



### Product Specification

- Product Name: Vertical Shaft Sand Crusher
- Application: Stone Crushing,sand Making
- Hammer Material: High Chrome Cr26
- Motor: AC Motor
- Key Words: Fine Stone Crusher
- Capacity: 10-90 Ton Pe Hour
- Crushing Liner: Mn13Cr2 Material
- Highlight: **Stone gravel making machine, Vertical Shaft compound cone crusher, Vertical Shaft Compound Crusher Machine**



### More Images



## Product Description

### Vertical shaft hammer crusher spare parts/dolomite compound crusher/stone coal compound crusher

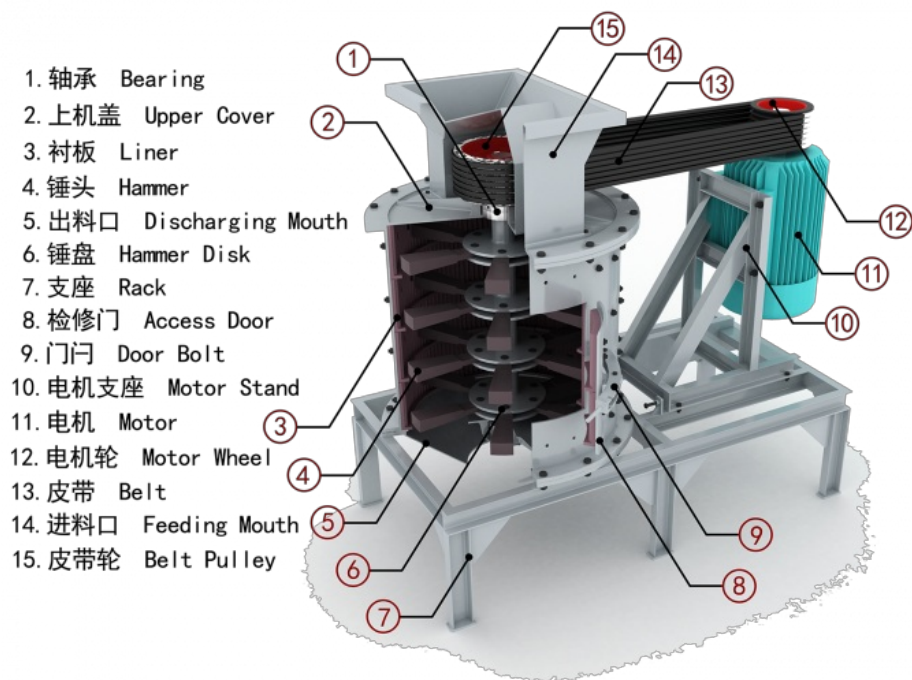
The compound crusher, also called composite fine crusher, is a kind of fine crushing equipment with large crushing ratio. There is no screening grate in the discharging mouth. The crushed material can be adjusted arbitrarily, and is not affected by the wear of the plate hammer and the lining plate.

The advantage of Without the screen grate is that it is not easy to block when the material has high moisture and mud rate; the elastic adjustment mechanism can be used to automatically discharge the unbreakable material. It will not cause equipment damage; the bearing is horizontally arranged and has a long service life, which can crush materials with high temperature (such as cement clinker).



### Working principle

Materials fall into the high-speed rotation impeller from the above of machine, under the action of high-speed centrifugal force, have high-speed impact with another umbrella form materials which flow around the impeller, after they attack each other, then discharged from the bottom, it forms close-circuit and with many times circulation, it can achieve the required product size by screening equipment controlling.



### Product Advantages

- 1.It features simple structure and easy operation. adopting the principle of stone strike stone , smaller wear.
- 2.High crushing rate, less energy consumption.
- 3.It is good at crushing material with high moisture content, humidity can reach 8%.
- 4.Suitable for breaking medium hard, especially like clay, limestone and gypsum



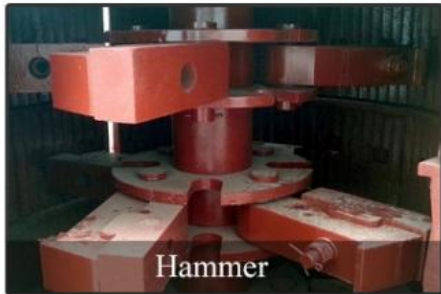




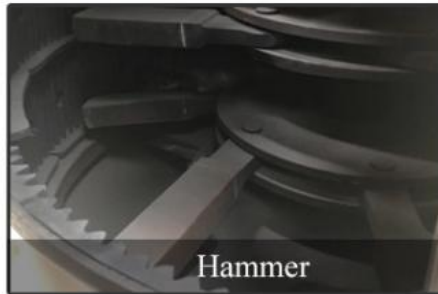
Liner



Rotor



Hammer



Hammer

### Specifications

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

### Compound crusher spare parts

The major wearing parts of the compound crusher is impact plates and hammers. The impact plates are made of high manganese alloy Mn13Cr2, and hammers are made of extremely wearable materials Cr26NiMo.



Customer working site



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