



## Gold iron ore rock Hard stone cone crusher Used In Mining Stone Limestone Granite

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
- Model Number: PYB1750 PYZ1750 PYD1750
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Water and rust proof in container
- Delivery Time: 10 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 10 set per month



### Product Specification

- Type: Cone Crusher
- Condition: New
- Weight: 50.3 T
- Dimension(l\*w\*h): Different Models
- Warranty: 1 Year
- Capacity(t/h): 30-60 T/h
- Motor Type: AC Motor
- Application: Mining, Quarry, metallurgy, construction, etc
- Power(w): According To The Model



### More Images



## Product Description

### Product Introduction

The single cylinder hydraulic cone crusher is a kind of high efficiency crusher integrating mechanical, hydraulic, electrical, automation, intelligent control and other technologies, representing the world's first class crusher technology. The unique design of the bottom consists of three important functions of direct adjustment of discharge port, prevention of iron passing and cavity cleaning, which can be widely used in metal and non-metal mines, cement and sand. Medium, fine and ultra-fine crushing operations in stone, construction, highway, chemical industry, building materials, metallurgy and other industries are suitable for crushing ores and rocks with high hardness and high abrasiveness.



#### Working Principle

### Working Principle

Single Cylinder Hydraulic Cone Crusher Is Mainly Composed By The Upper Frame, middle Frame (medium Crushing Type), Lower Frame, Moving Cone, Eccentric Sleeve, transmission Part, Hydraulic Cylinder Etc. Cone Crusher Is Driven By The Motor When Working, The Horizontal Shaft Will Rotate And Make The Eccentric Sleeve Rotate Through The Gear, And Drive The Moving Cone Crusher To Move Circularly By The Eccentric Sleeve, In Order To Crushing The Stone Continuously.

### Performance Characteristics Of This Machine

1. ulticavity type crushing: medium and fine crushing of multiple cavities can be realized only by replacing fixed cone

- 2.Efficient lubrication long life thin oil lubrication, reliable and advanced, and improved service life.
- 3.High safety performance: advanced hydraulic technology realizes overload protection and hydraulic adjustment of discharge port.
- 4.Lamination crushing, good granule type: the special crushing cavity shape and lamination crushing principle are adopted to generate the crushing effect among the particles, so that the proportion of cubes in the finished product is obviously increased, the number of needle pebbles is reduced, and the granule level is more uniform.
- 5.High processing efficiency: the upper and lower ends of the main shaft of single cylinder hydraulic cone crusher are supported,which can withstand greater crushing force and greater stroke, and the special crushing cavity shape adapted to the layer pressure principle enables the machine to have higher crushing efficiency.

Technical Parameters

Technical Parameters

Type	Diameter of cylinder (mm)	Feeding size (mm)	Adjustment range of output size (mm)	Capacity (t/h)	Rotation speed (r/min)	Power (kw)	Overall size (mm)	Weight (t)
PYB600	600	65	12-25	15-25	356	30	1740*1225*1940	5.5
PYZ600	600	45	5-18	8-23	356	30	1740*1225*1940	5.5
PYD600	600	36	3-13	5-20	356	30	1740*1225*1940	5.5
PYB900	900	115	15-50	50-90	333	55	2692*1640*2350	11.2
PYZ900	900	60	5-20	20-65	333	55	2692*1640*2350	11.2
PYD900	900	50	3-13	15-50	333	55	2692*1640*2350	11.3
PYB1200	1200	145	20-50	110-168	300	110	2790*1878*2844	24.7
PYZ1200	1200	100	8-25	42-135	300	110	2790*1878*2844	25
PYD1200	1200	50	3-15	18-105	300	110	2790*1878*2844	25.3
PYB1750	1750	215	25-50	280-480	245	160	3910*2894*3809	50.3
PYZ1750	1750	185	10-30	115-320	245	160	3910*2894*3809	50.3
PYD1750	1750	85	5-13	75-230	245	160	3910*2894*3809	50.2
PYB2200	2200	300	30-60	59-1000	220	260-280	4622*3302*4470	80
PYZ2200	2200	230	10-30	200-580	220	260-280	4622*3302*4470	80
PYD2200	2200	100	5-15	120-340	220	260-280	4622*3302*4470	81.4

Applicable Materials

Packaging & Shipping

Packaging&Shipping

Working Sites

#### Company Information

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.

## 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](#)

#### FAQ

## 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.

#### Contact us

## Contact Us

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

+86 18221130967

wilson\_ascendme@163.com

mining-crushermachine.com

Shenglong block, high tech zone, Zhengzhou, China