

## 1200 Model Cast Steel Double Rollers Wet Pan Mill For Gold Silver Ore Stone Mining With 500kg Per Hour Capacity In Sudan

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: Ascend
- Certification: ISO9001
- Model Number: 1600 1500 1400 1200 1100 1000
- Minimum Order Quantity: 1 set
- Price: USD 3799-4799set
- 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: 20 set per month



### Product Specification

- Product Name: Wet Pan Mill
- Application: Energy&Mining
- Raw Material: Gold Silver Ore
- Advantages: High Productivity
- Color: According To Customer's Requirement
- Highlight: 1200 model wet pan mill,  
500kg per hour wet pan mill,  
Double Rollers Wet Pan Mill



### More Images



## Product Description

### China Ascend 1200 1100 model water wet pan mills with two rollers

Wet pan mill is mainly used for selecting gold, silver, iron and other non-ferrous metals. It is highly efficient and energy-saving, with large capacity, low power consumption, small site occupation area, and short preparation and installation time. The product has the advantages of strong grinding ability, resource saving, reduced repeated grinding, improved quality, no destructive impact and vibration, simple and fast operation, solid and reliable quality, and long service life.

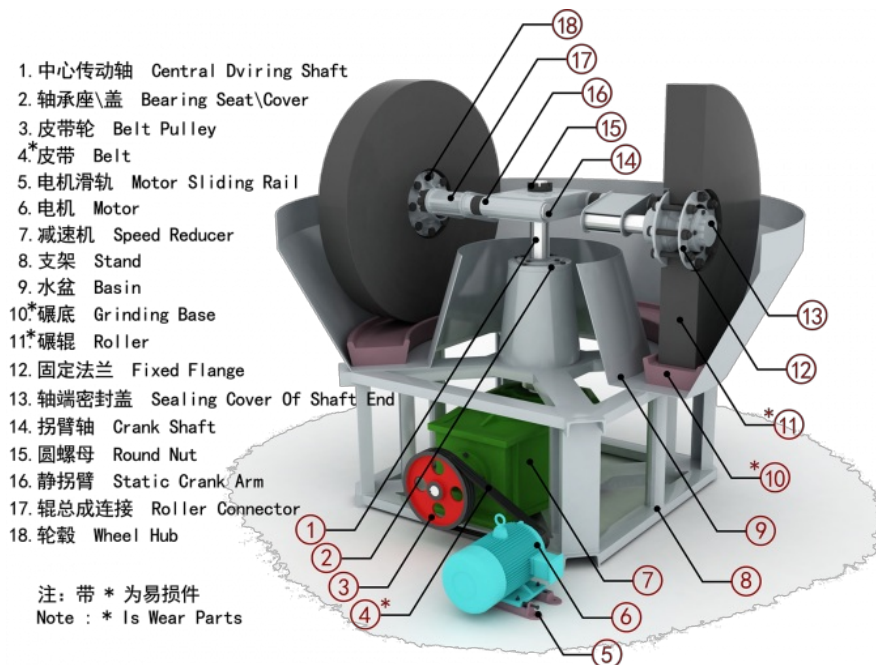
#### Product picture





### Working principle

The motor drives the speed reducer, the speed reducer drives the roller on the main shaft to operate. We add materials and liquid in a certain proportion for grinding. After grinding, the monomer dissociated mineral fine particles are brought to the liquid surface in the mixed slurry, and are discharged through the overflow discharge port arranged on the basin, and enter the next operation process for processing. The coarse-grained minerals settle at the bottom of the grinding base and continue to be ground until the fineness reaches the standard. There is a screen set at the discharge mouth of the basin, (the screen mesh size should be reasonably set according to the mineral type and sorting requirements) it can strictly control the classification particle size to avoid over-crushing of minerals or uneven particle size, creating good conditions for subsequent operations.



### Main Features of Wet Pan Mill

1. The casting are made of high manganese steel liner, which greatly increases the service life and increases the capacity by 30%-60%.
2. The whole set of equipment and castings are installed by small parts, so that they do not require large lifting equipment in remote mining areas, are not affected by the site, and reduce labor.
3. Increase the weight of the grinding wheel and reduce the area of thrust surface. The rotation of the grinding wheel increases the pressure of the crushed ore, thereby increasing the capacity.
4. It can be produced by a single machine or in groups, and it can achieve the same grinding result as a ball mill, but the cost is much lower than the ball mill.
5. The machine adopts a new gearbox and soft start device, which saves energy and reduces production costs.

### Specification

Model	Type (mm)	Max feed size (mm)	Capacity(t/h)	Power(kw)	Weight(ton)
1600	1600x350x200x460	25	1-2	Y6L-30	13.5
1500	1500x300x150x420	25	0.8-1.5	Y6L-22	11.3
1400	1400x260x150x350	25	0.5-0.8	Y6L-18.5	8.5
1200	1200x180x120x250	25	0.25-0.5	Y6L-7.5	5.5
1100	1100x160x120x250	25	0.15-0.25	Y6L-5.5	4.5
1000	1000x180x120x250	25	0.15-0.2	Y6L-5.5	4.3

### Wet pan mill operating rules

1. The operator must be trained by the manufacturer and fully understand the structure and performance of the machine before they can operate. The operator must comply with the relevant safety and shift transfer system.
2. Before work, strictly follow the lubricating oil regulations to refuel, and keep the oil amount appropriate, the oil circuit smooth, and the oil injection port clean.
3. Check whether the circuit, electrical parts, line connectors, switches are solid and complete. If there is damage, it must be repaired and replaced.
4. Check whether the parts of the machine are intact, whether the roller rotates flexibly, the tightness of the transmission belt, and whether the transmission parts are securely connected; After the inspection is completed, the boot idling for 3-5 minutes, confirm that the parts are normal, before adding the ore, and must be added in strict accordance with the prescribed amount of ore, it is strictly prohibited to overload work.
5. When feeding the ore, the material must be sifted to prevent hard metal debris such as iron blocks from being put into the mill and damaging the machine.
6. When stopping for some reason, the material in the roller should be removed first, and then started. It is strictly prohibited to forcibly start with heavy load.
7. When the machine is in operation, the operator shall not leave, and should often inspect the working conditions of various parts. In case of abnormal sound of the equipment, large vibration of the roller, excessive temperature of the reducer oil,

overheating of the motor housing, and slip of the transmission belt, the machine should be shut down immediately.

8. During the shutdown process, when the roller is not completely stopped, it is not allowed to extend the arm and other instruments into the roller basin to prevent injury and damage to the machine.

### Spare Parts



### Working site

# ASCEND



ASCEND engineer assist installation in Sudan



We also supply

## Crushing Equipment



Jaw Crusher



Cone Crusher



Impact Crusher



2-Roller Crusher



Compound Crusher



Hammer Crusher

### Grinding Equipment



Wet Pan Mill



Ball Mill



Raymond Mill

### Beneficiation Equipment



Flotation Machine



6-S Shaking Table



Jigging Machine

### Feeder & Conveyor



GZD Vibrating Feeder



Belt Conveyor



Screw Conveyor



Bucket Elevator

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