



Wear Resistant Wet Pan Mills 1200 Model 8 Bags Per Hour For Gold Powder Making With Two Cast Steel Rollers In Mining

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 3999-4999 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: 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 mills,
Wear Resistant Wet Pan Mills



More Images



Product Description

Gold Ore Grinding Machine 1100 1200 model Water Wet Pan Mill

Wet pan mill, also called gold grinding machine, water pan mill, gold round mill, chilean mill, and wheel grinding machine. It is mainly used for grinding gold, silver, lead, zinc, iron, copper and other ores after they are crushed. All ores that can be processed by ball mills can be used by wet pan mills. The final product size is less than 150 meshes which is suitable for the next beneficiation process. 1100 1200 model wet pan mill have become a popular gold grinding mill machine for small and medium gold miners due to its advantages of easy installation, high capacity and low investment in mining sites such as Sudan, Zambia, Mauritania, Saudi Arabia, Egypt ,Nepal.

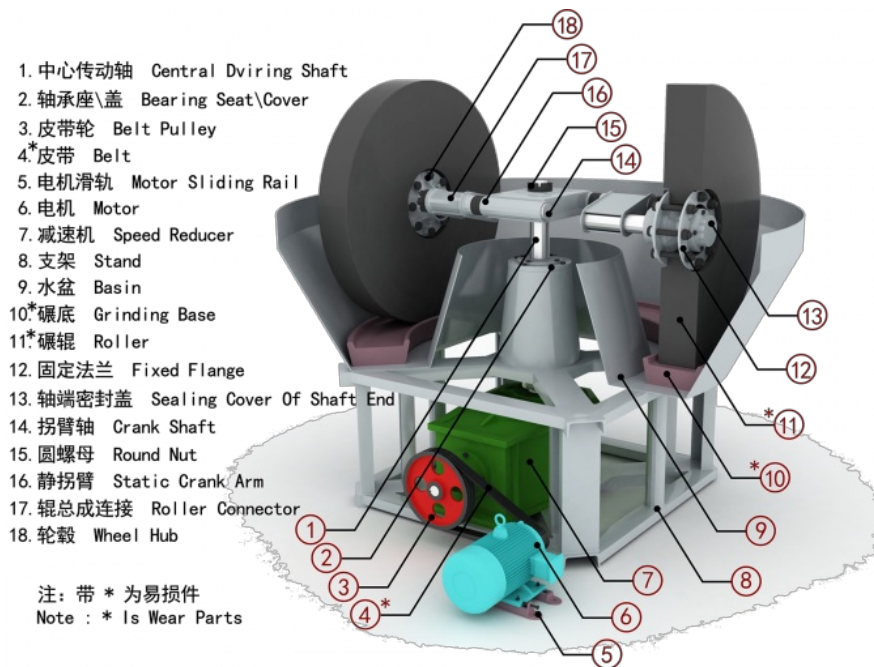
Product picture





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.



Advantages

High efficiency and high capacity: The castings are made of high quality casting steel lining, which greatly increases the service life and the capacity by 30%-60%.

Low invest: Wet pan mill can achieve the same grinding effect as a ball mill, but the cost is much lower than that of a ball mill. It is the fastest way for small and medium-sized miners to obtain pure gold without large investments.

Low maintenance cost: The grinding rollers and grinding rings are made of high quality casting steel alloy, ensuring a service life of at least 3 years, reducing maintenance and spare parts replacement costs for customers.

Energy saving and high resource utilization : The surface of the roller and ring is smooth without any holes or cracks to avoid the loss of mercury or gold, so that the wet pan mill can make full use of effective resources.

Low pollution: We can provide sealing covers for wet pan mills to reduce air pollution.

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



Factory overview





Working site



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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