



High Capacity Gold Ore Gold Grinding Mill

Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE
- Model Number: 1200 1400 1500
- Minimum Order Quantity: 1 set
- Price: 4000-5000 USD Per Set
- Packaging Details: wooden box in container
- Delivery Time: 10 working days
- Payment Terms: T/T, L/C, Western Union, MoneyGram
- Supply Ability: 100 set per month



Product Specification

- Name: Gold Wet Pan Mill
- Industry: Gold Ore Grinding
- Material: Steel Alloy
- Color: Customized
- Application: Beneficiation Equipment
- Warranty: 12 Months
- Power: 5.5 To 55KW
- Capacity: 1 To 5 Ton Per Hour
- Highlight: High Capacity mineral grinding machine, silver ore beneficiation equipment, Ore Gold Grinding Mill



More Images



Product Description

Low cost high capacity gold ore wet pan grinding mill machine in Sudan and Egypt

The **Wet Pan Mill** is also called **wet grinding mill or gold grinding machine**. It is very popular among users because of its low investment, high production capacity, low consumption, good efficiency, easy installation and maintenance.

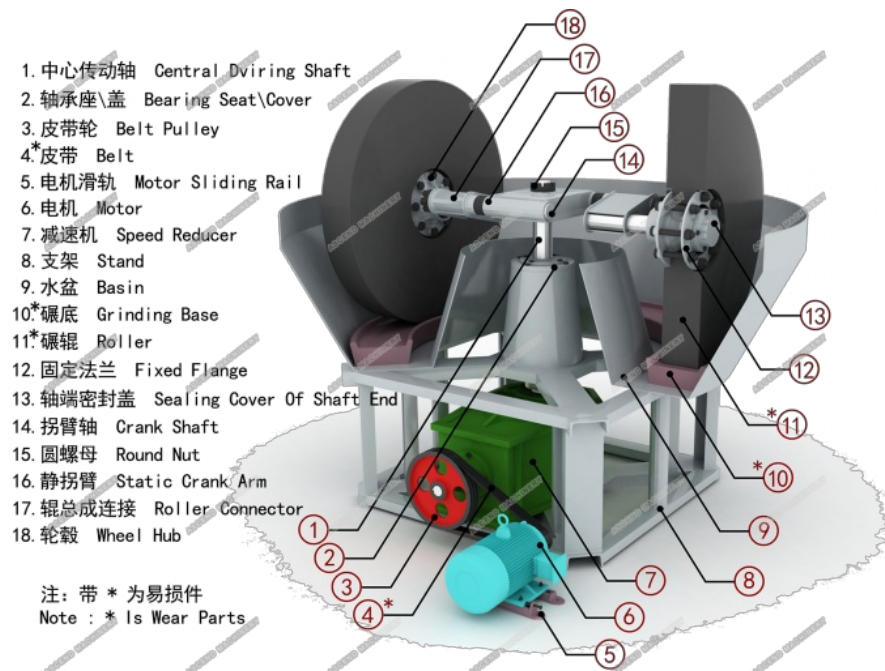
It is the equipment to replace ball mill. It is perfect equipment for medium sized and small enterprises. The wet grinding mill is mainly used for separating gold, silver, lead, zinc, iron, molybdenum, copper, antimony and so on.

Wet Pan Mill suit for mineral processing is widely used for selecting ferrous metals, nonferrous metals and nonmetals, as well as precious metals like gold and silver.

It mainly consists of driving device, frame, water basin, grinding wheels and grinding base, etc. It grinds ores by wheel driving force: firstly, the power is transferred from the motor to the reducer, then to the horizontal shaft, and finally to the grinding wheel; the wheels then rotate anticlockwise. The wheels can revolve around the vertical shaft of the pan mill, at the same time; it can revolve on its own axis, while the grinding base will remain still. The ores are then pressed, rubbed and grinded repeatedly.



Structures of Wet Pan Mill



Advantages of Wet Pan Mill suit for mineral processing

1. The grinding wheels mix up the ores and produce ore pulp while pressing and rubbing the ores.
2. The ores and water are evenly mixed, which makes the pulp density and other indexes stable.
3. After the grinding process, the monomers are taken to the upper surface of the pulp and discharged through the overflow outlet of the water basin. Meanwhile, the coarse ores sink to the bottom of grinding base, being grinded continuously till they reach the required fineness.
4. The screening mesh set up at the overflow outlet of the water basin classifies the ore fineness strictly to avoid the over-grinding and uneven fineness, which helps create better condition for next working process.

Specifications

Model	1600	1400	1300	1200	1100	1000	900
Dia.of grinding wheel (mm)	1600(+/-10)	1400(+/-10)	1300(+/-10)	1200(+/-10)	1100(+/-10)	1000(+/-10)	900(+/-10)
Thickness of grinding wheel(mm)	400(+/-20)	250(+/-20)	250(+/-20)	200(+/-20)	200(+/-20)	200(+/-20)	160(+/-20)
Dia.of grinding pan (mm)	2100(+/-30)	2000(+/-30)	2000(+/-30)	1800(+/-20)	1800(+/-20)	1800(+/-20)	1700(+/-20)
Thickness of grinding pan (mm)	200(+/-10)	170(+/-10)	150(+/-10)	90(+/-10)	90(+/-10)	90(+/-10)	80(+/-10)
Width of grinding pan (mm)	360	360	360	230-250	230-250	230-250	170-220
Power (kw)	25	18.5	15	7.5	5.5	5.5	3
Rotary speed (r/min)	For extract gold: 10-13 other: 18-22						
Input size (mm)	< 25						
Capacity (t/day)	Gold 20	Gold 20	Gold 15	Gold 10	Gold 8	Gold 5	Gold 3
Weight(t)	14.5	8.5	7.5	5.5	5	4.5	3

Package and delivery



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