

The instruction of wet pan mill



江西恒昌矿山机械设备制造有限公司

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I. Description

Wet pan mill also called gold round mill, it is versatile ore grinding equipment not only for grinding the minerals but also for gold amalgam. It is a best replacement for medium-small capacity ball mill, owing to the excellent performance for wet crushing, small investment and high output.

II. Application

It is widely applied to the grinding and beneficiation of all kinds of metal minerals, non-metal minerals, rare metal and other materials. Such as gold, silver, lead, zinc, molybdenum, iron, copper, antimony, tungsten, tin and so on.

III. Working Principle

Wet pan mill adopts the working mode of the wheel-type grinding: firstly, the electric motor drives the power to the speed reducer, and the torque is transmitted to the upper horizontal shaft through the large vertical shaft driven by the speed reducer. Then, the tie rods installed at both ends of the horizontal axis are transmitted to the grinding wheel, so that the grinding wheel generates driving force, and the counterclockwise rotation motion is performed along the horizontal direction of the horizontal axis. The working wheel can not only revolve around the large vertical axis of the wet mill, but also rotate around the central axis of the roller, and the grinding disc is fixed. The added ore material is subjected to the pressing force from the weight of the drum itself in the mill. When the roller rotates and rotates, the huge friction generated by the grinding disc is completely crushed after repeated extrusion, smashing and grinding.

IV. Features

- 1. Uniform grinding, high quality finished product.
- 2. Make full use of resources, energy efficient.
- 3. Stable operation and reliable quality.
- 4. Low energy consumption, silent, safe operation.

V. Technical Parameter

Model	Feeding size	Output size	Capacity	Speed	Motor power	Weight
Model	(mm)	(mm)	(t/h)	(r/min)	(kw)	(kg)
900	<15	0.6-0.07	0.3	17-19	5.5	3000
1000	<20	0.6-0.07	0.5	16-18	5.5	4500
1100	<20	0.6-0.07	0.6-0.8	16-18	7.5	5000
1200B	<20	0.6-0.07	0.8-1.2	16-18	7.5	5500
1200A	<20	0.6-0.07	1-1.3	21-23	7.5	5500
1300	<20	0.6-0.07	1.5	16-18	15	7500
1400	<20	0.6-0.07	1.5-2	16-18	18.5	8500

1500B	<30	0.6-0.07	2.5-3	20-22	22	12300
1500A	<30	0.6-0.07	3-4	20-22	22	13300
1600	<30	0.6-0.07	4-5	20-22	30	14500

VI. Pictures





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VII. About us

Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd. is one of the leading company in

mining gravity separator machine designing & manufacturing in China. Up to now, we have developed four

major product lines; they are mining milling machine, mining classifying separator, mining flotation machine

and the mining gravity separator.

We have three senior engineers and two junior engineers on equipment designing and mining process

designing. At the same time, we kept good relationship with some mining research institute and university,

such as Jiangxi University of Science and Technology, Ganzhou Nonferrous Metallurgy Research Institute,

Hunan Research Institute of Nonferrous Metals, and etc., to improve our designing and production, and also

provide technology support for the mining project.

With more than 30 years in mining business, we have accumulated enough experience in gold mining

plant, tungsten mining plant, wolfram mining plant, tin mining plant, cassiterite mining plant, coltan mining

plant, columibte mining plant, and iron ore mining plant, black/beach sand mining plant designing,

manufacturing, installing, commissioning and training. We could provide the customized complete mining

solution to our customer.

Our major overseas market is Africa and Southeast Asia, and our products covers 43 global countries, as

more and more customers are aware of our quality products and good service, this number is growing fast.

Focus areas:

Mining equipment, vibrating feeder, vibrating screen, crusher, ball mill, classifying separator, leaching tank,

flotation machine, gravity separator, shaking table, spiral chute, jig machine, centrifugal concentrator and

other mining equipment.

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About Us

Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd was established in 1985 with the registered capital of 500,000 USD. We covers an area of more than 30,000 square meters, owning more than 30 types of heavy processing equipments and with an annual sales 0f more than 8 millions. We have a professional international level engineer team and a strong R&D department, having been cooperated with domestic and oversea Scientific Research Institutes for many years. As a professional mining machinery manufacturer, we take perfectness as our goal and are willing to make our continuous efforts.









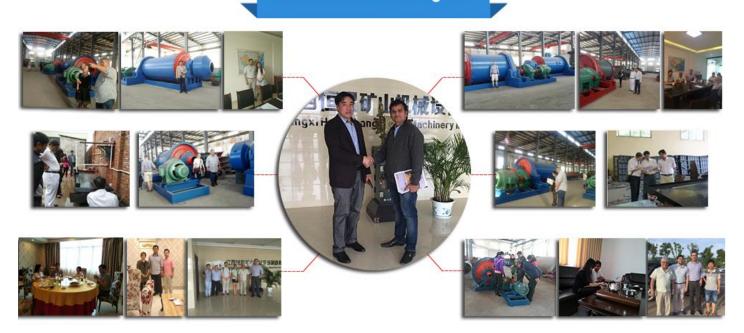








Customers Visiting Us



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Over 30 years mining machinery manufacturing

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MORE

MORE

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 - 3. Supplying complete line of mining equipments
- 4. Engineers come to mining site for installation, commissioning and workers training.











Exhibition Show

























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