



恒昌矿山机械
HengChang mining machinery

The instruction of wet pan mill



江西恒昌矿山机械设备制造有限公司

JIANGXI HENGCHANG MINING MACHINERY MANUFACTURING CO., LTD

Tel: +86-797-5792699

Tax: +86-797-5792698

Contact: Hengchang Mining Machinery

Email: info@miningmachinery.com.cn

Phone: +86-18870705821

Website: www.hengchangmachinery.com

Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.

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 (mm)	Output size (mm)	Capacity (t/h)	Speed (r/min)	Motor power (kw)	Weight (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

Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.

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



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
 Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn

Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.

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, columbite 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.

Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.

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 Of 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



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.

Why Choose Us ?

OEM / custom make as per customers' requests.

International level engineers team

MORE

Experienced and Advanced mineral processing technology!

MORE

Over 30 years mining machinery manufacturing

MORE

HENGCHANG ONE-STOP SERVICE:

1. Providing test of your raw ore
2. Complete processing flowchart design
3. Supplying complete line of mining equipments
4. Engineers come to mining site for installation, commissioning and workers training.



Exhibition Show



Jiangxi Hengchang Mining Machinery Manufacturing Co., Ltd

Website: <https://www.hengchangmachinery.com/>

Contact: Hengchang Mining Machinery Whatsapp: +8618870705821 Email: info@miningmachinery.com.cn
Address: No. 3 Chuangye Road, Guzhang Industrial Park, Shicheng County, Ganzhou City, Jiangxi Province, China.