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高压磨粉机

Grinding machine

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高压磨粉机

Grinding machine

高压磨粉机概述：

物料被破碎后由提升机送入高压磨粉机储料仓，再由振动给料机均匀送入主机磨室，后被铲刀铲起，进入磨辊和磨环之间被碾压揉搓，风机将风吹入磨室内，吹起粉末到分析机内，进行风选，达不到细度又落回重磨，合格细粉则随气流进入成品旋风集粉器，与空气分离从出料口排出即为成品。物料含有一定的水分，研磨时会产生一定的水汽，以及整个管道由于密封不绝对严密致使一定的外界气体被吸入，使系统循环风量增加，为保证磨机在负压状态下工作，多余的风量进入布袋除尘器净化后排入大气中。

High Pressure Grinding Mill

First the materials are crushed by the jaw crusher, then the crushed materials are transferred to a hopper by the elevator, fed uniformly, quantitatively and continuously by the vibration feeder to the grinding chamber of the main frame for grinding. The grinded particles are brought up by the air current of the blower into the classifier for classification. The particles with the required fineness are brought up by the air current through the pipe into a collector for separation and collection. The finished particles are discharged from a pipe outlet. Because of some moisture contained in the materials to be grinded, the heat resulting from grinding leads to the vaporized air which changes the airflow volume. Moreover, the outside air inhaled from the narrow gaps of the piping connections can increase the volume of air current. Therefore, it is necessary to adjust redundant air pipe between the blower and the main unit for keeping the balance of the air current. Then the redundant air is guided into a cloth bag of a dust cleaner to collect the fine power in the air. Finally, the redundant air is discharged after purification.



减速机齿轮
Decelerator Gear



磨辊总成
Roller Assembly



碾磨装置
Grinding Equipments



耐磨部件
Wearing Parts

高压磨粉机结构：

高压磨粉机主要由主机，风机，分析机，旋风积粉器，布袋除尘器及连接管道等组成，根据用户要求可以配备提升机、储料仓、电控柜、给料机、破碎机 etc 辅助设备。

Structure

High pressure grinding mill consists of main frame, duct fan, analyzer, cyclone power collection device, bag duct collector and pipe connection. we will provide the elevator, bunker, electrical cabinet, feeder, crusher and so on.

高压磨粉机 Grinding machine

技术参数 Technical parameters

型号	磨辊数量 (个)	磨辊尺寸 (毫米)	磨环尺寸 (毫米)	最大进料 粒度 (毫米)	成品粒度 (毫米)	处理能力(吨/小时)			主机功率 (千瓦)	外形尺寸 (长x宽x高)
						Processing capacity(t/h)				
Model	Rollers NO (Pcs)	Rollers size (mm)	Ring size (mm)	Max feed size (mm)	Finished size (mm)	0.125	0.075	0.044	Mainframe power (kw)	Overall dimensions (LxWxH)
						GDM-260	3	Φ260x150		
GDM-280	3	Φ270x140	Φ830x140	20	0.613-0.033	3.4-4.6	2.2-2.8	1.2-2.0	22	5300X4100X5200
GDM-310	4	Φ310x170	Φ950x170	25	0.613-0.033	4.3-5.6	3.0-3.8	2.1-3.5	30-37	7100X5900X7900
GDM-320	4	Φ320x160	Φ970x160	25	0.613-0.033	4.5-6.0	3.1-4.0	2.0-3.6	37	9900X5800X7500
GDM-410	5	Φ410x210	Φ1280x210	30	0.613-0.033	5.0-10.5	4.0-6.6	2.8-5.4	75	9200X7300X9700

注：技术参数如有变动，恕不另行通知。 Note: technical parameters such as are subject to change without notice.

高压磨粉机的用途：

高压磨粉机适用于研磨重晶石、石灰石、陶瓷、矿渣等莫氏硬度不大于9.3级，湿度在6%以下的非易燃易爆的物料。高压磨粉机适用于矿山、冶金、化工、建材等行业280多种物料的高细制粉加工，高压磨粉机成品粒度在80-425目范围调节（最细可达1000目）。

Applicability

High pressure grinding mill is suitable in grinding baffle, limestone, ceramic, coking coal and so on. It is mainly applied to the power processing of mineral products in the industries of mining, metallurgy, construction materials and chemical materials. etc. more than 280 kinds of high fineness power grinded, and the final product size can be adjusted as required in the range of 80-425 meshes (even to 1000 meshes).

高压磨粉机性能特点：

在高压磨粉机研磨室内，磨辊总成通过横担轴悬挂在磨辊吊架上，磨辊吊架与主轴及铲刀架固定联结，压力弹簧靠拉力杆紧紧的压在磨辊轴承室的悬臂外端上，以横担轴为支撑点，靠弹簧压力使磨辊紧紧压在磨环内圆表面上，当电机通过传动装置转动时，装在铲刀架上的铲刀与磨辊同步转动，磨辊在磨环内圆表面上滚动的同时绕自身转动，分析机通过电机传动装置带动分析机叶轮旋转，其分析机的速度调整决定出粉细度。

Features and benefits

In the micro-power grinding room, the rollers hanged on the roller lifting frame, which is fixed with the main shaft and the scraper knife. The pressure spring presses on the outer of the cantilever by tension rod, with the cross arm shaft as the supporting point. Let roller tightly press on the inner surface of the ring. When the motor moves with equipment, the scraper knife on the scraper frame moves with the roller at the same time. As the roller moves on the inner sphere surface and moves itself. Analyzer let the analyzer runner rotated by motor equipments, and the power fineness depends on the speed adjustment of the analyzer.



售后服务 After-sales service

- 1、保证为用户提供良好的售前、售后服务，为用户在订购前介绍产品性能及使用要求，提供有关资料，当好用户参谋。
- 2、用户需求进行技术培训，对重点用户进行质量跟踪、用户访问，及时根据用户需求改进产品性能，不断提高产品质量。
- 3、保证兑现产品“三包”，产品在“三包”期内确属产品质量问题，严格履行合同中规定的赔偿责任。
- 4、超过“三包”期限的产品，保证提供维修配件并根据用户需求做好维修服务工作。
- 5、对于产品的配件和易损件以出厂价优惠提供。
- 6、接到用户要求解决产品在使用中出现的问题通知后，本公司在1小时内作出初步响应，重大问题24小时到达现场。
- 7、需要技术服务的将派专业技术服务人员参加开箱验收和指导安装、调试工作，直到设备正常运转。如有必要公司免费为客户培训技术人员，让客户掌握设备的使用、维护和简单修理技术。在生产过程中一旦设备出现故障，公司在接到客户电话后的24小时内必须拿出明确的解决方案，并将以先恢复生产再追究责任的态度迅速解决问题。

- 1.Ensure to provide good pre-sale or after-sale service, the recommendation, operating requirements and other information of our productions for all of our clients before orders, as a good adviser.
- 2.Offer technology training for the clients' requirements, quality scout service for the emphases clients, interview, improving production features and continuous improving production quality.
- 3.Ensure to check production "three guarantees", if our production have quality issues during the times. we will strict to check the contract compensation liability.
- 4.Outlast the times we will offer maintenance service on the clients' requirements, and offer the maintenance parts in time.
- 5.Offer the parts and the quick-wear parts according to the factory favourable price.
- 6.We will response the clients who have the operating issues in the operating process in an hour, specially important issues we will rush to the scene during 24 hours.
- 7.Offer the specialty technology workers to check and guide setting, debugging, till the equipment do normal running. even we can offer free technology training for the clients' requiements in necessary, let our clients in control of the using, maintenance and easy repair technology, while clients have issues in the operating process we will make the specific plan in 24 hours and resolve the issues with a responsible attitude