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GTM高压梯形磨粉机

GTM Medium Speed Trapezium Mill

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GTM高压梯型磨工作原理:

GTM高压梯型磨主机工作过程是通过减速机带动中心轴转动,轴的上端连接着梅花架,架上装有磨辊装置并形成摆动支点。磨辊装置不仅围绕中心轴回转,还围绕磨环公转,磨辊本身因摩擦作用而自转。梅花架下装有铲刀系统,其位置处于磨辊下端,铲刀与磨辊同转过程中把物料抛起喂入磨辊与磨环之间,形成垫料层,该垫料层受磨辊旋转产生向外的离心力(即挤压力)将物料碾碎,由此而达到制粉目的。

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The operation principle of main unit of GTM Medium Speed

Trapezium mill is that main unit runs with the central shaft that is driven by a gear box. The top of the shaft is connected with a quincunx stand on which a grinding roller is installed to form a swing support. The grinding roller not only rotates around the central axle and grinding ring but also rotates around its own axle due to the friction. There is a pallet knife system at bottom of quincunx stand. The pallet knife system is under the grinding roller. With co-rotation of pallet knife and grinding roller, pallet knife will lift the materials into the space between roller and ring to form a material layer. The materials will be grinded due to the centrifugal force of roller and thus finally achieve the aim of making powder.

GTM高压梯型磨结构组成:

GTM高压梯型磨标准配置包括主机、选粉机、减速机、风机、布袋除尘器、管装装置、旋风集粉器、电机等,可选配套设备有颚式破碎机、提升机、给料机、电控柜等。

Structure

The standard configuration of GTM Medium Speed Trapezium mill includes main frame, classifier, decelerator, duct fan, bag duct collector, pipe connection, cyclone power collection device, motor and so on. The optional corollary equipments are jaw crusher, elevator, feeder electrical cabinet, etc.

GTM高压梯型磨粉机

GTM Medium Speed Trapezium Mill

GTM高压梯型磨的用途:

GTM高压梯型磨已广泛用于电力、矿山、冶金、化工、钢铁、建材、煤炭等行业,产生了巨大的经济和社会效益。主要是用于矿山、建材、化工、冶金、火电、煤炭等行业粉磨莫氏硬度在9.3级以下,湿度在6%以下的各种非易燃易爆矿产物料,成品细度可在80-425目任意调节(最细可达1000目),例如水泥(生熟料)、石英、长石、方解石、白云石、石墨、萤石、硅灰石、磷矿、钙镁磷肥、煤、煤矸石、矿渣、锆英砂、滑石、花岗岩、钾长石、大理石、重晶石、陶瓷、玻璃等千余种物料粉磨加工。由于超压梯型磨粉机在设计中充分考虑脱硫制粉的需要,更可与脱硫设备完美匹配,从而提高脱硫效率,是国内外脱硫制粉的理想设备。

Applicability

GTM Medium Speed Trapezium mill has been widely used in electric grinding, mining, metallurgy, chemical industry, steel, building materials, coal industry and so on, and has produced great economic and social benefits. Mainly used in the field of mining, building materials, chemical industry, metallurgy, power plant, coal industry, etc., the machine is suitable for non-flammable and non-explosive minerals whose Moh's hardness is below 9.3, humidity is 6% and the final product size can be adjusted as required in the range of 80-425 meshes (even till 1000 meshes), such as cement clinker (born), quartz, feldspar, calcite, dolomite, graphite, fluorite, wollastonite, phosphate rock, calcium magnesium phosphate, coal, gangue, slag, zircon sand, talc, granite, potash feldspar, marble, barites, ceramics, glass and other grinding materials of more than 1000 kinds. Because the machine takes the demand of desulphurizing powder into full consideration in its designing process, and can match well with the desulphurizing equipments, it is able to improve the desulphurizing efficiency and is an ideal desulphurizing powder equipment.

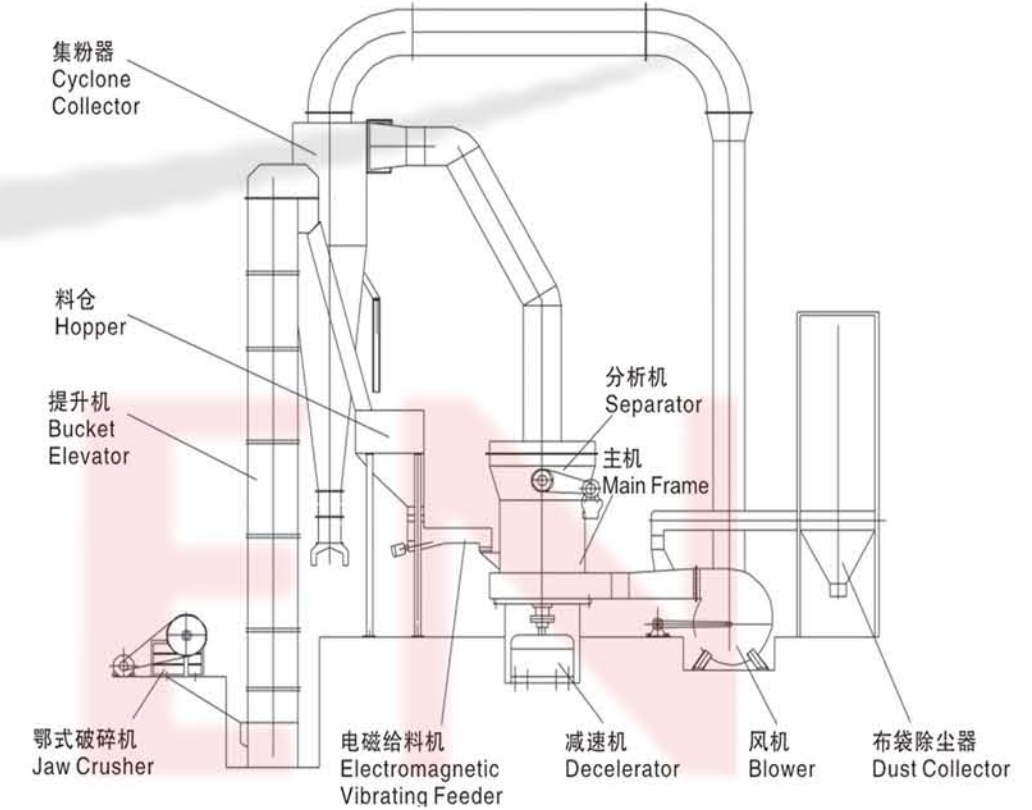
GTM高压梯形磨性能特点:

1. 选用了超强的增压弹簧以及能起到平稳减震作用的弹性联结,在此条件下,装置的整体受力点和其它产品相比提高了45%左右;弹性联结装置则减轻了振动和噪音,避免了共振,提高生产效率。
2. 采用了高强的新型耐磨材料提高粉碎效率,并延长了磨辊与磨环的使用寿命。该机将磨辊与磨环设置成阶梯状,降低了进入磨辊与磨环之间物料的下滑速度,从而延长了对物料的碾压时间,提高了粉碎的效果与细度。
3. 采用高效节能离心引风机。传统磨粉机上配用的直叶片老式风机的效率仅为65%,而叶轮与叶片均为模具冲压成型的节能引风机的效率为90%,大大提高风选效果。
4. 增加了选粉机叶片的密度,使本机在转速不变的情况下比同等动力下的产量有了很大的提高。
5. 密封性能好,降低了机器的噪音和振动,提高了成品的细度,增加了工作效率。
6. 方便快捷的叶轮调整装置。选粉机叶片端部与壳体的间隙大小也影响成品细度,本项技术使得调整该间隙大小方便快捷。

Features and benifites

1. Choose the super pressurization spring and resilient connection which has a damping effect. On this condition, the overall force point is improved by about 45% compared with other products. The resilient connection can reduce the vibration and noise, and avoid resonance so as to improve production efficiency.
2. Adopt the new wear-resistant materials to improve crushing efficiency, and extend the using life of the roller and the ring. The roller and ring are designed in inverted trapezium, which reduce the material's slip velocity between rollers and ring, extend grinding time, and enhance crushing efficiency and fineness.
3. Use the high-efficiency and energy-saving centrifugal induced draft fan. The efficiency of prismatic blade equipped on the traditional machine is only 62%, but the efficiency of the energy saving induced draft fan whose impeller and blade are both stamping is 90%. This increased the separating effect to a large extent.
4. Increased the density of the classifier's blades so that the production has been greatly increased compared with other machines with the same rotating speed and motor.
5. With good sealing performace, tha machine reduced the noise and vibration, enhanced the fineness of the products, and improved the working efficiency.
6. There is convenient impeller adjusting device. The clearance between housing and end of powder concentrator's blade also effects fineness. This patent technology is convenient to adjust the clearance.

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GTM高压梯形磨粉机技术参数:

Technical parameters

型号	磨辊数量	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 (吨/小时)	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)
GTM-320	4	Ø320x200	Ø980x200	25	1.6-0.045	3-8.8			37	7300X5920X8310
GTM-410	5	Ø410x240	Ø1320x240	30	1.6-0.045	6-13			75	9280X7350X9730
GTM-440	6	Ø440x270	Ø1600x270	35	1.6-0.045	13.0-22.0	12.0-18.0	10.0-17.0	132	12600X5790X8368

技术参数如有变动,恕不另行通知

Note: The specifications are subject to change without prior notice.



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