上海世邦机器有限公司
SHANGHAI SHIBANG MACHINERY CO., LTD.

中国上海浦东金桥南区建业路416号
No.416 Jianye Road,South Jinqiao Area,
Pudong New District, Shanghai, China
邮编(Postcode):201201

商务部
电话：021-58386699
400-696-1899(全国统一销售热线)
传真：021-58385681
邮箱： info@shibang.cn

更多内容请访问
www.shibangchina.com

世邦机器 品质与文明之光闪耀世界
Shibang Machinery,The light of quality and civilization shines the world

T130X 加强超细磨粉机
Reinforced ultrafine mill

T130X

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Reinforced ultrafine mill

产品特点

T130X加强超细磨粉机是我公司磨机专家在市场调研的基础上，并统计分析国内外大量磨机用户的使用情况与建议，在原专利产品——MTM超压梯形磨粉机的基础上创新设计的新型磨粉机。该机型在继承并优化了MTM超压梯形磨粉机结构特性的同时，又形成了自己独有的特点：

1、中机体与基座完全软连接，无刚性接触
避免了磨腔内的振动传给中机体、分析机，提高了分析精度。

2、基座采用高强度、防振裂球墨铸铁
球墨铸铁具有铸铁的减振性能、铸钢的强度，以及良好的耐冲击性。

3、采用国产仿德国弗兰德减速机
充分利用专业减速机厂家技术制造优势，提高整机稳定性。
减速机与电机采用三角带传递动力，有利于过载保护。

4、主机、减速机采用弹性套柱销联轴器
避免了以往尼龙柱销易断现像，提高了设备可靠性。

5、分析机采用高密度叶片
分析机采用高密度叶片能提高选粉细度及产量。实践表明，在转速不变的情况下，提高叶片的密度可提高成品的细度。换言之，在同等细度情况下，高密度叶轮可比低密度叶轮转速低，减小了气流阻力，增加了产量。
叶轮转盘采用了新结构，避免了“跑粗粉”现象。

6、分析机采用变频调速
采用变频调速比用电磁调速节能，调速控制精确，过程控制机动性好，自动化程度高。

7、采用旁路集粉器
旁路集粉器具有灰尘隔离室，能使含尘较多的部分气体通过旁路进入旋风下部以减少粉尘由排风口逸出的机会。与一般的集粉器相比，旁路集粉器压力损失小，集粉效率高，特别有利于收集一般集粉器难以收集的微粉颗粒。

8、设备布置采用同阻力方案
采用同阻力布置避免两个集粉器出力不同，提高集粉器集粉效率，减少了内循环，提高了磨机产量。

9、集粉器两出料口和除尘器出料口三口在同一条直线布置
集粉器、除尘器出料口同一条直线布置便于物料的集中收集，减少劳动量，便于包装。

10、设置维修平台
设置维修平台，使磨机维护更方便、安全。

Features

1. The body connected to the base of all soft contact without rigid contact
This avoid body vibration to analyzer, improved the accuracy of the analysis.

2. The base made of high strength ductile cast iron
Ductile cast iron has the performance of damping force of molten steel, and good impact resistance.

3. Use of Germany Flender reducer
It fully exploited the technical advantages of professional manufacturer to improve the stability of the machine.
Reducer and motor is driven by the triangle belt for transmission for overload protection.

4. The coupling of the elastic sleeve is used in the main unit and the gearbox, which avoided the phenomenon of easily breaking nylon pin, thus improving the reliability of equipment
.

5. Analyzer machine applies high-density blade
The classifier uses high-density blade that can increase the fineness of powders and the production capacity. Practice shows that in the case of velocity remained unchanged, the density of the leaves can increase the fineness of the finished products. In other words, in the case of the same finesse, high-density blade is driven by a lower rate than that of low density, thus reducing air resistance and increasing production.
Adopting a new structure of the blade wheel prevented the escape of the coarse powders.

6. Analyzer with a frequency control
It adopts the variable voltage and variable frequency to save more energy than the electromagnetic ones, and with the characteristics of accurate control, flexible process control, and high degree of automation.

7. Use of dust bypass collector
The dust bypass collector has an insulation cavity to reduce dusty gas escape from the lower vents. Compare with other dust collector, the bypass dust collector are high-efficiency and less pressure loss, particularly for collecting dust particles that is difficult to collect by the general collectors.

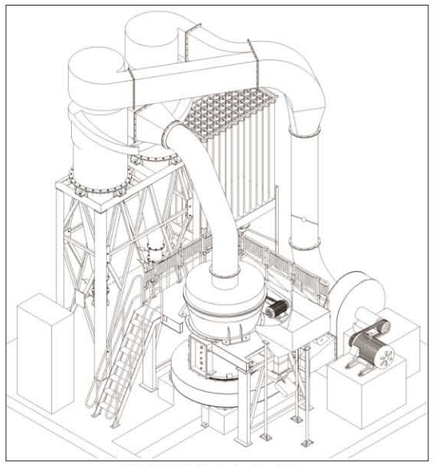
8. Equipment layout of the equal resistance design
The equal resistance arrangement to avoid using of two different dust collector outputs power, improved dust collector's performance, reduced internal circulation, and increased production of the mill.

9. Two collector discharge ports and dust collector are of a straight line arrangement to facilitate the materials centralized collection, which is labor saving and easy packing.

10. Establishing maintenance platform to make the mill maintenance more convenient and secure.

用途

该机主要适用于冶金、建材、化工、矿山等矿产品物料的粉磨加工，可粉磨长石、方解石、滑石、重晶石、莹石、稀土、大理石、陶瓷、铝矾土、锰矿、铁矿、铜矿、磷矿石、氧化铁红、矿渣、水渣、活性炭、白云石、花岗岩、氧化铁黄、豆饼、化肥、复合肥、粉煤灰、烟煤、焦煤、褐煤、菱美砂、金矿、红泥、粘土、高岭土、焦炭、煤矸石、瓷土、蓝晶石、氟石、膨润土、麦饭石流纹岩、浑绿岩、叶腊岩、叶岩、紫砂岩、迭岩石、玄武岩、石膏、石墨、保温材料等，湿度在6%以下的各种非易燃非易爆矿产物料的加工。



T130X磨粉机机外形图

Applications

The machine is mainly used in metallurgy, building materials, chemicals, mining of minerals such as grinding materials processing, it can ground feldspar, calcite, talc, barite, fluorite earth, rare marble, ceramic , bauxite, manganese ore, iron ore, copper ore, phosphate rock, red iron oxide, slag, clinker, activated carbon, dolomite, granite, yellow iron oxide, soybean meal, chemical fertilizers, compound fertilizers fly ash, bituminous coal, coke, lignite, sand, magnesite, gold, red clay, clay, kaolin, coke, coal gangue, porcelain clay, kyanite, fluorspar, bentonite, rhyolite stone, muddy green rock, rock, leaf wax , shale rock, stone dwelling, gypsum, graphite, insulation materials, processing of all minerals with moisture below 6%, non-flammable or explosive.

工作原理

大块状物料经颚式破碎机破碎到所需粒度后，由提升机将物料送至储料斗，再经振动给料机将物料均匀定量连续地送入主机磨室内进行研磨，粉磨后的粉子随风机气流上升，经分析机进行分级，符合细度的粉子随气流经管道进入旁路集粉器内，进行分离收集，经出粉阀排出即为成品粉子。气流由旁路集粉器上端回风管吸入离心引风机，本机整个气流系统是负压密闭循环的，保证了生产现场环保卫生。

Working Principle

Bulk materials are crushed by jaw crusher to the desired size, by the elevator sent to the storage hopper, and then the vibrating feeder evenly send the material into the host and continuously grinding in mill room, after grinding, the powder will flow up by the wind machine, and classified by the classifier, the standard powder will flow through the bypass pipe into the powder collector, the collection were isolated by a valve discharge, this is final powder. Airflow flow through the top back pipe of the bypass collector to centrifugal fan, the air system is closed loop negative pressure that ensured the production site environment security.

设备的组成

T130X磨粉机主要由主机、减速机、分析机、维修平台、风机、旁路集粉器、电控柜等组成。辅机由颚式破碎机、畚斗提升机、电磁振动给料机、储料仓等组成。

The composition of equipment

T130X mill mainly consists of the host, reducer, analyser, maintenance platforms, fan, bypass powder collector, electric control cabinet and so on. Auxiliary are of the jaw crusher, bucket elevator, electromagnetic vibrating feeder, storage bin and so on.

主要技术参数 Main Technical Parameters

主机参数 | Main Unit Parameters

名　　称 Name	单　位 Unit	规格、技术性能数据磨 Specifications, technical data
辊数量 Roller number	个 Piece	4
磨辊直径×高度毫 Roller diameter × height	米 (mm)	Φ410×210
磨环直径×高度毫 Grinding ring diameter × height	米 (mm)	Φ1300×210
主机转速 Host speed	转/分 Rev / min	103
最大进料粒度 Max feed size	毫米 (mm)	<30
成品粒度 Product Size	毫米 (mm)	0.074—0.038
产　量 Output	吨/小时 T/H	4－13

注：　1.表中产量指粉磨方解石，其成品的通筛率为80%。
　　2.各项参数及外形若有变更，依发货时随机带的使用维护说明书为准。
Note: 1. The output in the table are from limestone with an sieving rate of 80% of their final products.
　　2. The parameters and the shape changes of machines are subject to shipped operating and maintenance manual with machine.

系统配用功率 | Equipped Power System

名称 Nane	项目Item	单位 Unite	规格、技术数据 Specifications, technical data
主机电动机 Host motor	型号 Model		Y280S-4
	功率 power (kw)	千瓦（kw）	75
	转速Spindle speed(R/PM)	转/分（Rve/min）	1480
选粉机电动机 Motor of classifier	型号 Model		Y16L-4
	功率 power (kw)	千瓦（kw）	15
	转速Spindle speed(R/PM)	转/分（Rve/min）	1460
提升机电动机 Motor of elevator	型号 Model		Y100L2-4
	功率 power (kw)	千瓦（kw）	3
	转速Spindle speed(R/PM)	转/分（Rve/min）	1430
引风机电动机 Motor of fan	型号 Model		Y280M-4
	功率 power (kw)	千瓦（kw）	90
	转速Spindle speed(R/PM)	转/分（Rve/min）	1480
颚式破碎机电动机 Motor of jaw crusher	颚破型号（Jaw crusher motor）		PE250×400
	型号 Model		Y180L-4
	功率 power (kw)	千瓦（kw）	15
	转速Spindle speed(R/PM)	转/分（Rve/min）	970
电磁振动给料机 Vibration feeder	型号 Model		GZ3F
	功率 power (kw)	千瓦（kw）	0.2

注：各项参数及外形若有变更，恕不另行通知。
Note: All the technical data are subject to change without prior notice.