



DSJ Series Drying Hammer Crushers DSJ系列烘干锤式破碎机



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ZHENGZHOU YIFAN MACHINERY CO.,LTD.

公司介绍:

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Company Introduction:

Zhengzhou Yifan Machinery Co., Ltd whose share-holder is Shande Technology (Beijing) Co., Ltd has its headquarter in Beijing. It is a famous manufacturer of crushing and screening equipment and provides series crushing and screening equipment for customers, which includes hydraulic cone crusher, jaw crusher, impact crusher, vertical shaft impact crusher, hammer crusher, vibrating screen and mobile crushing and screening plants. We offer not only products with good quality and competitive price, but also top service and solution.

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Success with Client, Innovation with Technology, Sincerity and Responsibility

DSJ Series Drying Hammer Crushers
DSJ系列烘干锤式破碎机

DSJ系列烘干锤式破碎机用于破碎和烘干软质且非磨蚀性物料，如石膏、白垩、粘土、料浆滤饼等，如可对工业副产品石膏、烟气脱硫石膏进行打散、烘干、煅烧，该机生产效率高、能耗低，在烘干的同时具有打散与破碎作用。旋转的转子将物料打散，热风将物料烘干，气流将已破碎烘干的物料带至分离室，细粉随后进入旋风筒分离，粗颗粒回入锤式破碎机再次破碎。

DSJ Series Drying Hammer Crushers is suitable for crushing and drying soft or non-abrasive materials, eg: gypsum, chalk, clay, slurry, filtered cake, etc. It can break up, dry and calcine industrial byproduct plaster, flue gas desulfurized gypsum. This equipment is of high efficiency and low energy consumption. It has the function of breaking up and crushing

the materials while drying them. The rotary rotor breaks up the materials, hot blast dries them, and air flow takes the crushed and dried materials into separation chamber. Afterwards, fine powder is separated in cyclone, while coarse particles goes back to the hammer crusher and crushed again.

在石膏板行业，DSJ系列烘干锤式破碎机可将含水量≤12%的脱硫石膏渣料饼通过烘干锤式破碎机的转子将其打散、抛扬，并与引入的550℃热风充分热交换，形成含水量≤1%的物料，物料由出风管进入上升管道被热风带走进入下道工序。该机也可用于水泥行业对滤饼和环保领域对电石渣的烘干破碎处理等。

In gypsum board industry, the rotor on DSJ Series Drying Hammer Crusher can break up

and throw the desulfurized gypsum slag, whose water content is no more than 12%. During this process, the gypsum slag exchanges the heat with the intake hot air of 550℃, and then the max water content of the material is 1% , which goes into riser from outlet duct and then hot air takes the material into the next process. This machine can also be used to dry and crush filtered cake in cement industry and calcium carbide slag in environmental protection.

DSJ系列烘干锤式破碎机由于采用了合理可靠的加工工艺、优质材质和先进的自动化加工设备，使该机运行可靠、稳定、检修方便.该机的各项环保指标均符合国家要求。

DSJ Series Drying Hammer Crushers adopt reasonable and reliable process technology, high-quality material and advanced automated processing equipment, which ensures the reliable and steady operation, and convenient maintenance. Each environmental indicators of this equipment are in line with the requirements of the country.

以前脱硫石膏渣往往通过填埋方法处理，这样严重污染环境且占用耕地，现在，将脱硫石膏渣经本设备处理后可制成建筑用石膏粉，变废为宝，而且经此制成的石膏粉性能超过天然石膏，是制造石膏板的优质原料。

Desulfurized gypsum slag used to be processed through the landfill, which seriously pollutes the environment and uses the farmland. Nowadays, the desulfurized gypsum slag can be used as construction gypsum powder, after being processed by this machine. What's more, its performance is better than that of natural gypsum. It is high-quality raw material to produce gypsum board.



成功案例：
中国建材集团太仓北新建材有限公司石膏板生产线
Successful project :
Gypsum board production line in Taicang Beijing New Building Material Co., Ltd, attached to China National Building Material Group Corporation.

技术参数: Technical specification

| 型号 Model | 最大给料粒度 Max feed Size (mm) | 生产能力 Capacity (t/h) | 进料含水量 Water content of feed material | 电机功率 Power (kw) | 重量 Weight (t) |
|-------------|---------------------------------|---------------------------|---|-----------------------|---------------------|
| DSJ2015 | ≤100 | 30-35 | ≤15% | 220 | 40 |
| DSJ2515 | ≤100 | 40-50 | ≤15% | 250 | 55 |
| DSJ2821 | ≤100 | 65-80 | ≤15% | 450 | 78 |
| DSJ3026 | ≤100 | 110 | ≤15% | 800 | 128 |
| DSJ4325 | ≤100 | 150-160 | ≤15% | 900 | 145 |