

## HMZ 型 振 动 磨

Series HMZ Vibration Mill

### 工作原理 (Work Principle):

物料在磨腔内, 受到高频振动带来的冲击, 由粉碎介质 (球、棒、锻等) 给予强大的作用力, 使物料受到摩擦、碰撞、剪切等多个力的作用而达到粉碎目的。

The material in chamber suffers impact generated from the high-frequency vibration. The pulverization medium (ball, stick and basswood) offers strong interaction force to rub, shear, and pare the material.



### 主要特点 (Characteristics):

- ◆ 能耗低、产量高: 每分钟上千次的冲击、剪切、磨削, 其效率是球磨机的 10 倍以上。
- ◆ 粉碎工艺灵活多变, 适用面广: 根据物料的不同要求, 可采用干式、湿式、惰性气体氛围、强冷氛围等多种粉磨形式。
- ◆ 一机多用, 用途广: 可单独使用, 亦可配套分级机生产超细产品。
- ◆ Low energy consumption and high output. With thousands of times of impacts per minute to shear, rub, and pare, its efficiency is as 10 times as ball mill.
- ◆ The crushing technology is variety and can be widely arranged. It can adapt to different material such as dry, wet, inert gases and strong cooling as required.
- ◆ The machine is multi-purpose and wide arrangement. It can be used separately or be matched with the classifier to produce super fine product.

### 技术参数 (Technical Parameter):

规格型号 Model	容积 (L) Volume (L)	设备功率 (kW) Power (kW)	给料粒度 (mm) Feeding Size (mm)	粉碎粒度 (目) Product Size (mesh)	产量 (kg/h) Capacity (kg/h)
HMZ10	10	0.55	≤ 10	-200	1-2
HMZ30	30	1.1	≤ 10	-200	3-15
HMZ50	50	2.2	≤ 10	-200	5-20
HMZ100	100	5.5	≤ 10	-200	20-100
HMZ200	200	10	≤ 10	-200	50-200
2HMZ100	100	15	≤ 10	-200	200-300
2HMZ200	200	30	≤ 10	-200	400-600
2HMZ400	400	55	≤ 10	-200	800-1200
2HMZ600	600	75	≤ 10	-200	1000-1500
2HMZ800	800	90	≤ 10	-200	1500-2500

注: 表中所列数据是以碳化硅为例, 对于不同物料, 不同的产品粒度要求, 设备生产能力不同。

Remarks: The data in the diagram is shown as silicon carbon an example. The capacity is different with different materials and product sizes.