

# HYZ ROTARY CRUSHER

## HYZ旋回式破碎机

旋回式破碎机是利用破碎锥在壳体内锥腔中的旋回运动，对物料产生挤压、劈裂和弯曲作用，粗碎各种硬度的矿石或岩石的大型破碎机械。装有破碎锥的主轴的上端支撑在横梁中部的衬套内，其下端则置于轴套的偏心孔中。

The rotary crusher is a large-scale crushing machine that uses crushing motion of the crushing cone in the cone cavity of the casing to cause extrusion, splitting and bending of the material, and coarse crushing of ore or rock of various hardnesses. The upper end of the main shaft equipped with the crushing cone is supported in the bushing in the middle of the beam, and the lower end is placed in the eccentric hole of the bushing.



### 产品特点

#### Features

1. 架体采用高强度铸钢材质，安全系数高。即使在非常恶劣的破碎环境下，也能够保证无故障运行。
2. 重型化主轴，采用高强合金钢材质，主轴外衬锰钢衬套。动锥出现磨损后，只需更换衬套，便捷、成本低。
3. 液压支撑结构，可以实现过载保护和调整排料口尺寸的功能。
4. 主轴位置指示仪可以实现对主轴的实时监控，精确显示主轴位置，并通过液压系统调节排矿口的大小。
5. 空气密封风系统，有效密封偏心套及大小齿轮，同时该系统配有空气过滤装置，能够确保进入的空气干净、无尘。
6. 采用电动干油润滑泵，该装置能定时、自动的润滑横梁部轴承。
7. 整机采用PLC集中控制，实现高度自动化控制。

1. The frame body is made of high-strength cast steel with high safety factor. Even in very harsh and shattered environments, trouble-free operation is guaranteed.
2. Heavy-duty spindle, made of high-strength alloy steel with spindle-lined manganese steel bushing. After the moving cone is worn out, it is only necessary to replace the bushing, which is convenient and low in cost.
3. Hydraulic support structure, which can realize overload protection and adjust the size of discharge opening.
4. The spindle position indicator can realize real-time monitoring of the spindle, accurately display the spindle position, and adjust the size of the discharge port through the hydraulic system.
5. The air-sealed air system effectively seals the eccentric sleeve and the large and small gears. At the same time, the system is equipped with an air filter device to ensure that the incoming air is clean and dust-free.
6. The electric dry oil lubrication pump is used, which can lubricate the beam bearing regularly and

### 产品参数

#### Main Specification

型号规格 Model specification	HYZ0909	HYZ0913	HYZ0917	HYZ1216	HYZ1221	HYZ1417
进料口尺寸(mm) Feed port size	900	900	900	1200	1200	1400
排料口尺寸(mm) Discharge port size	90	190	170	160	210	170
最大进料尺寸(mm) Maximum feed size	750	750	750	1000	1000	1200
处理能力(t/h) Processing capacity	380-510	625-770	815-910	1250-2000	1560-2100	1750-2300
电机功率(Kw) Motor power	210	210	210	310	310	430-400
电机转速 (r/min) Motor speed	735	735	735	590	590	590
电机电压 (V) Motor voltage	380	380	380	6000	6000	3000/6000
外形尺寸(长/宽/高) Dimensions (l*w*h)mm	6600*4000*7500	6600*4000*7500	6600*4000*7500	9000*4700*9000	9000*4700*9000	5400*15400*11700
重量(t) Quality	141	141	141	228.2	229	310

注：规格型号如有变动，恕不另行通知。  
Note: Specifications and models are subject to change without notice.