

HZY回转窑

HZY Rotary Calcining Kilnr

► 用途 (Application)

HZY回转煅烧窑广泛应用于以下领域：

耐火材料行业：用于各种耐火材料的煅烧处理，提升材料的物理化学性质。

化工行业：适用于需要高温处理的各种化学物质的煅烧和干燥。

环保工程：用于废弃物的高温处理，实现废物减量化和资源化利用。

建筑材料行业：用于生产高质量的建筑材料，如陶瓷、砖块等。

HZY rotary calcining kiln is widely used in the following areas:

Refractory Materials Industry: Used for the calcination of various refractory materials, improving their physical and chemical properties.

Chemical Industry: Suitable for the calcination and drying of various chemicals requiring high-temperature processing.

Environmental Engineering: Employed for the high-temperature treatment of waste materials, achieving reduction and resource utilization of waste.

Building Materials Industry: Utilized in the production of high-quality building materials such as ceramics and bricks.



► 特点 (Features)

高效热源：采用无锡制造的专用燃烧器，具有高热效率、高温火焰和完全燃烧的特点。

密封结构：主机头尾部采用特殊鱼鳞密封结构，无空气泄漏、无物料泄漏、耐高温、耐磨、寿命长、可靠性高、安装方便且无需维护。

适应恶劣环境：设备中的前后滚轮、支撑轮及中间传动齿轮均采用防尘罩，适应露天安装和多尘环境。同时，上述接触面采用滴油润滑，增加设备使用寿命。

良好的保温性能：使用定制的铝硅酸盐高温棉进行隔热，确保良好的保温效果，进一步减少热量损失，提高干燥效率并节能。

Efficient Heat Source: Utilizes a special burner made in Wuxi, featuring high thermal efficiency, high flame temperature, and complete combustion.

Sealing Structure: The head and tail of the main machine adopt a unique fish scale sealing structure, ensuring no air leakage, no material leakage, heat resistance, wear resistance, long service life, high reliability, easy installation, and maintenance-free use.

Adaptability to Harsh Environments: Components such as front and rear rollers, support wheels, and intermediate transmission gears are equipped with dust covers, suitable for outdoor installations and dusty environments. Additionally, these contact surfaces are lubricated by dripping oil to extend equipment lifespan.

Excellent Insulation Performance: Customized aluminum silicate high-temperature cotton is used for insulation, ensuring good thermal insulation effects while further reducing heat loss, thus enhancing drying efficiency and energy savings.



► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	HZY-1.5×17.0m
筒体内径 Inner Diameter of Cylinder		Φ1.5m
筒体长度 Length of cylinder		17.0m
煅烧段体内径 Inner Diameter of Calcining Section		Φ1.5m
煅烧段体长度 Length of Calcining Section		12.0m
倾斜度 Inclination		1.2°(基础保证Basic guarantee)
筒体转速 Cylinder Speed		0~7rpm
传动功率 Transmission Power		15.0Kw((变频调速Frequency conversion speed regulation))
形式 Type		组合式翻料板Combined turning plate
设备装机功率 Equipment installed power		P=37.75Kw.h
设备燃气耗量 Equipment gas consumption		~120m ³ /h(The calorific value of gas is calculated as 10,000)