

网带式烘干炉 技术协议



一、设备概述

- 1、连续式工作型
- 2、上件→加热→下件
- 3、工作室尺寸：20000mm×800mm×200mm（长×宽×高）

二、技术要求

- 1、使用温度：室温-100℃（可调），温控精度±1℃
- 2、加热能源：电加热型，上下吹风结构
- 3、加热器：不锈钢加热管

电加热区分配及功率：

区域	加热区长度	功率	
1区	4000mm	12kW	
2区	4000mm	9kW	
3区	4000mm	9kW	
4区	4000mm	9kW	
5区	4000mm	9kW	

- 4、电源：380V±10%；
频率：50Hz；三相四线制；

- 5、使用环境温度：<45°C;
- 6、网带距地面高度：850mm (±50mm调节)
- 7、工艺流程：上件→预热→烘烤→下件
- 8、设备尺寸：
工作室尺寸：20000mm×800mm×200mm (长×宽×高)
外形尺寸：22000mm×1200mm×1850mm (长×宽×高)
进口区：1000mm 加热区：20000mm 出口区：1000mm
- 9、输送带最大负荷：200kg;
- 10、设备链速：1000mm–8000mm/min，变频调速;
- 11、设备应具有良好的保温性;
- 12、链排节距满足工件要求，必须便于维修。

主要电器配置：隧道式烘干炉

配置项目	规格/品牌
PLC控制器	西门子S7-200-SR30
传送电机	一体化式电机
温控仪	台达DTE带RS485通讯
工业交换机	工业级5口
触摸屏	威纶通10寸IE系列
保温材料	高密度硅酸铝
超温保护	台达
加热器	不锈钢
温度传感器	PT100型
变频器	台达RS485通讯

Company Profile

Founded in 2008 and headquartered in Luoyang, China, Luoyang Juxing Kiln & Furnace Co., Ltd. operates two modern manufacturing bases located in Jianxi Industrial Park and Xin'an Economic Development Zone. As a national high-tech enterprise, a council member of the China Heat Treatment Association, and a recognized "Little Giant" enterprise in Henan Province, we are committed to innovation in high-temperature heat treatment technologies and the development of advanced industrial electric furnaces. Our mission is to deliver professional, reliable thermal solutions to customers worldwide.



20-Acre Factory: Dedicated to customized solutions, ensuring rapid response to technical demands with agile prototyping and flexible production.

40-Acre Factory: Focused on standardized electric furnaces, high-temperature kiln furniture, and refractory materials, maximizing efficiency and shortening lead times for fast delivery.

21,500 sq ft (2,000 m²) Warehouse: Stocks



critical spare parts for emergency shipments, supporting both factories' operations.

Our showroom offers a comprehensive display of our core products and features our company's development history, global customer collaborations, as well as certifications and patents. We sincerely welcome every customer visit and hope to provide a clear, intuitive understanding of our manufacturing capabilities and innovation strength.

We specialize in the R&D and manufacturing of high-temperature electric furnaces and kilns, offering a temperature range from -100°C to 2600°C to meet the challenges of demanding industrial environments. Our products are widely applied in new energy, semiconductors, functional ceramics, photovoltaic power, aerospace, biomedicine, and more-serving Fortune 500 companies, top laboratories, and leading universities across over 50 countries and regions, including Europe, the United States, Japan, South Korea, and Southeast Asia.

Looking ahead, we remain dedicated to our core values of innovation, precision, and customer focus. By strengthening international collaboration and enhancing our global service system, we aim to provide more efficient, intelligent, and eco-friendly thermal solutions-empowering industrial progress and sustainable development across the globe.

Cooperation Case

We are proud to have delivered large-scale thermal engineering projects to clients across the globe. Committed to providing reliable and efficient heat treatment solutions, we support our customers in achieving both scientific innovation and industrial advancement.

Backed by a professional R&D team and skilled technical engineers, we offer fully customized services throughout the entire process-from pre-sales consultation to on-site commissioning and after-sales support.

Choosing Juxing means more than choosing a furnace-it's choosing a long-term partner you can trust. We look forward to building lasting partnerships and creating success together with customers worldwide.



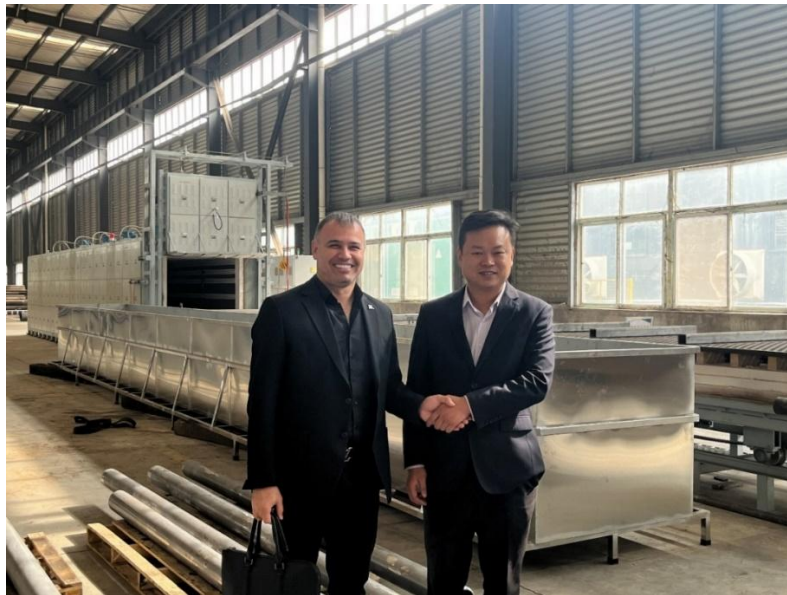
Silicon Mud Drying, Calcination And Recovery Project

REC

When traditional silicon wafers are cut, industrial waste is produced. Juxing Kiln has conceived and designed a device that can remove moisture and calcine impurities from the collected waste, thereby improving the utilization rate of raw materials, increasing production capacity, and reducing the pollution of waste to the environment at the same time.




14



Certifications

Innovation lies at the heart of our growth. We are certified under ISO9001, ISO14001, and ISO45001 international management systems, and hold CE and SC certifications, with partial compliance to WPS and WPC standards. To date, we have secured 21 registered trademarks, 29 patents, 27 software copyrights, and 7 industry certifications. Our consistent annual investment of 15% in R&D fuels ongoing technological innovation and product excellence.



Business License



Export License



High-tech Enterprise



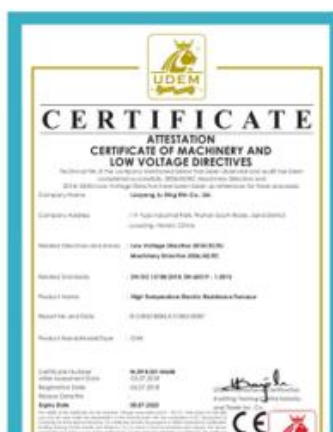
ISO 9001



CE (Rotary Kiln)



CE (Vacuum Furnace)



CE (Resistance Furnace)



Product Patent



CE (Gas Purification)