

Energy Saving Environmental Protection Pusher Kiln (With Touch Screen Control System)



GWL Series Energy Saving Environmental Protection Pusher Kiln

The equipment designed for pyrolysis, melting, analysis and production ceramics, metallurgy, electronics, machinery, chemical, glass, refractories, for develop new material, special materials, construction materials, the equipment is suitable for institutions of higher learning and laboratory of scientific research institute and industrial and mining enterprises.

The control panel equipped with the intelligent adjustment device, power control switch, main working/stop button, voltmeter, ammeter, Computer interface, Observe port / Air inlet port, for convenience to observe the furnace working status, the product using reliable integrated circuit, excellent working environment, anti-interference, the highest temperature of furnace shell temperature is less than 45 can greatly improve the working environment, micro computer program control, programmable setting temperature rise curve, Fully automatic temperature rise / cooling, Temperature control parameters and programs can be modified during operation, which is flexible, convenient and simple in operation.

Temperature Control Accuracy: $\pm 1^{\circ}\text{C}$, Temperature Constant Accuracy: $\pm 1^{\circ}\text{C}$. Fast Temperature rise rate, Maximum heating rate $\leq 30^{\circ}\text{C}/\text{min}$. Furnace hearth materials made up by vacuum forming high purity alumina light materials (Will be changing due to the temperature required), High temperature for use, Less heat storage amount, Tolerance the extremely heating and cold, no crack, No dregs, Excellent thermal insulation performance (the energy saving effect is over 60% of the traditional furnace). Reasonable structure, Double layer furnace cover, Air cooling, Greatly shortening the experimental period.



Model	GWL-PK
Rated Temperature	1600℃
Long-Term Working Temperature	≤1550℃
Voltage	380V (Three phase) ±10%, 50HZ
Furnace Hearth Dimension	Length 16000mm/ Width 340mm/ Height 300mm
Power Rating	Double Channel 160KW (Single Channel 90KW) , Constant Temperature Power Rating: ≤60KW Double Channel, ≤35KW Single Channel (Base On Customer Request Can Be Customized Double Channel Or Single Channel)
Temperature Control Accuracy	±1℃ (After Steady State)
Temperature difference of cross section	≤±3℃
Furnace Hearth Requirement	Furnace Hearth Using Single Or Double Channel Structure
Furnace Hearth brick material	Special Corundum Mullite(High Temperature Zone);Heavy High Purity alumina (low temperature zone) + high strength anti peeling alumina hollow ball products + light insulation brick + fiber
Furnace Hearth Bottom Chute Material	99 corundum High Temperature antiwear material
Plug Brick Material	high strength anti peeling alumina hollow ball products
Steel Structure Of Furnace Shell	Split Structure; Welded by 8# steel and 6# equilateral angle steel and 3 mm steel.
Exhaust Ports	Set up on the top of the furnace, which can be used to discharge the burned exhaust gas, the exhaust volume can be adjusted. The structure of the chimney adopts the external steel tube, Heat transfer forward from heating area, so that the kiln products to achieve low-temperature preheating, to prevent product cracking.
Temperature zone arrangement	Preheating area: 3 meters, Middle temperature area:3 meters, 4 groups to control; High temperature area 5 meters, 3 groups to control
Heating Element	Silicon Carbide Rod / Silicon Molybdenum Rod
Pusher Speed	600-2500 mm/h
Propulsion Device	Hydraulic propulsion. Use synchronous propulsion. Propulsion platform made of wear-resistant porcelain strips
Standard Accessories	Heating Elements, Pusher Plate, Connecting Aluminum Strip, Porcelain Clamp, Plug Brick

Characteristic:

Excellent cooling characteristics, Simplicity of operation, Guaranteed the product quality, Fast temperature rise rate, high heat utilization rate;

1. Pusher kiln is divided into 8 temperature zones and 8 temperature control points.
2. The electric kiln is beautiful, generous and tidy
3. Pusher plate material made of corundum mullite, Average working life of more than 120 times
4. The propulsion system is provided with slow forward, fast rewind and automatic walking function

Furnace Hearth Dimension, Temperature Range And Working Functions Can Be Customized, More Details Please Contact Us