

HGS Roller Hearth Kiln



TRANSMISSION

- Capable of adjusting 100-meter roller transmissions.
- Experience in 70-meter LFP kilns, with prototypes of 100-meter LFP kilns available.
- Special design for transmissions and special adjustment methods.

HEAT CONDUCTION

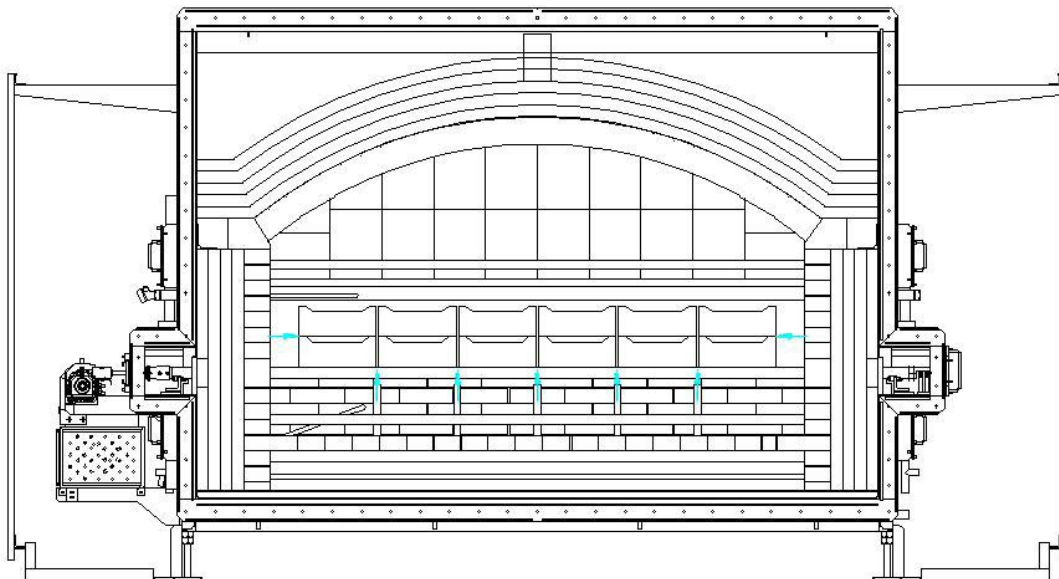
- A six-row double-layer roller kiln with $\pm 5^{\circ}\text{C}$ temperature control, exclusive auxiliary heating design to improve furnace temperature uniformity. ($\pm 3^{\circ}\text{C}$ for six-row single-layer)
- Special design to save energy consumption per unit.

ATMOSPHERE

- Rigorous inspection of the frame structure's air tightness, with precise control of gas components.
- Unique design of air curtain positions at the inlet and outlet.
- Simulation of gas flow for the furnace atmosphere inlet and exhaust.
- Furnace pressure negative feedback system ensures stability of furnace atmosphere, enabling precise control of furnace pressure.

CUSTOMERS

Our roller kilns play a significant role in the production output of well-known, constituting up to 50% of their production capacity. Therefore, we are almost sure that your home battery or EV was manufactured using our roller kilns.



SPECIFICATIONS

MODEL	HGS22730-2410ZO (6*2)	HGS22730-2410ZO (6*1)
Rate Temperature	1000°C	1000°C
Sagger Loading	6 rows * 2 levels	6 rows * 1 level
Across Section Temp. Uniformity	±5°C	±3°C
Atmosphere	Oxygen > 98%	Oxygen > 98%
Length	50 meters (164 ft)	50 meters (164 ft)
Heating Elements	SiC	SiC

