Controlling steel shell temperature within a constant range can more than DOUBLE the time between required maintenance and repairs of refractory.
This system always cool down to a constant temperature range so that spraying is controlled as the temperature of steel shell is measured.

Thermometer
Thermometer controls temperature and time, and keeps temperature of steel shell at the target range.

Control panel
Pump unit
Spray unit
Dry Fog (under 10 μm)–Semi Dry Fog (under 30 μm) with fan prevents water from distorting metal, and spray unit controls the temperature of steel shell at target range.

For details or any inquiry please feel free to contact our sales office.

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https://www.kirinoikeuchi.co.jp/eng/company/location/