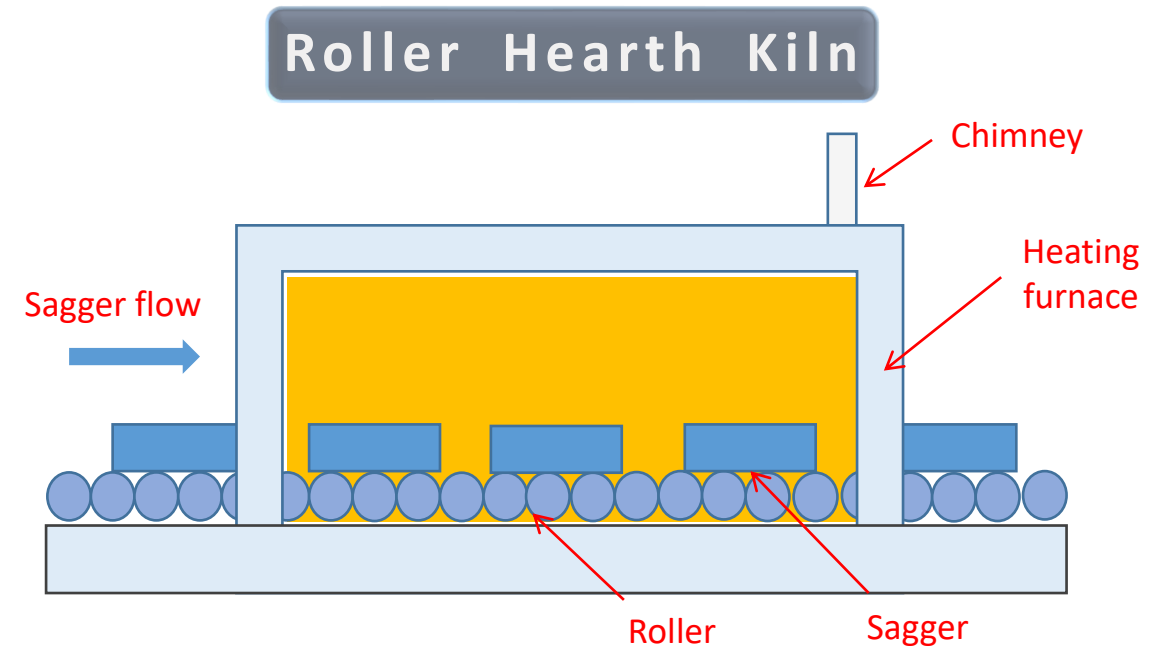
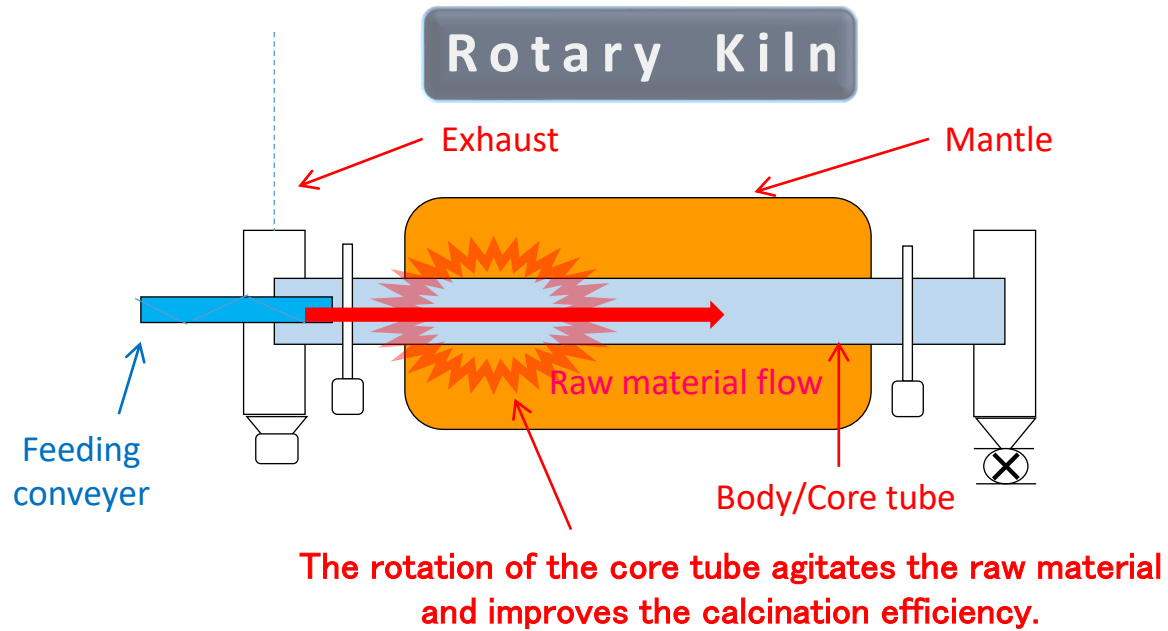


# External Heating Type Rotary Kiln vs. Roller Hearth Kiln



	External Heating Type Rotary Kiln	Roller Hearth Kiln
<b>Installation area</b>	Small	Large
<b>Operation</b>	Easy	Difficult
<b>Calcination efficiency</b>	Good	Normal (Calcination irregularities)
<b>Metal contamination</b>	Metal core tube: Yes Ceramic core tube: Low	Low

# External Heating Type Rotary Kiln

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Material of the retort (body, core tube)

↓

## Metal retort:

- SUS316
- SUS310S
- Inconel
- Hastelloy X



↓

## Ceramic retort:

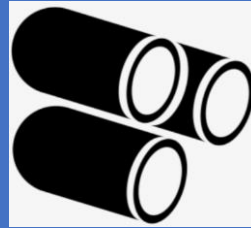
- Mullite
- Alumina
- SiC

# Ceramic (SiC) Kiln - Features

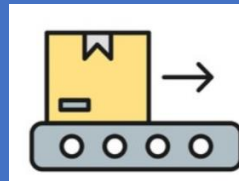
High temperature  
Heating temperature  
Max.1300°C



Contamination-free  
No contact with metal

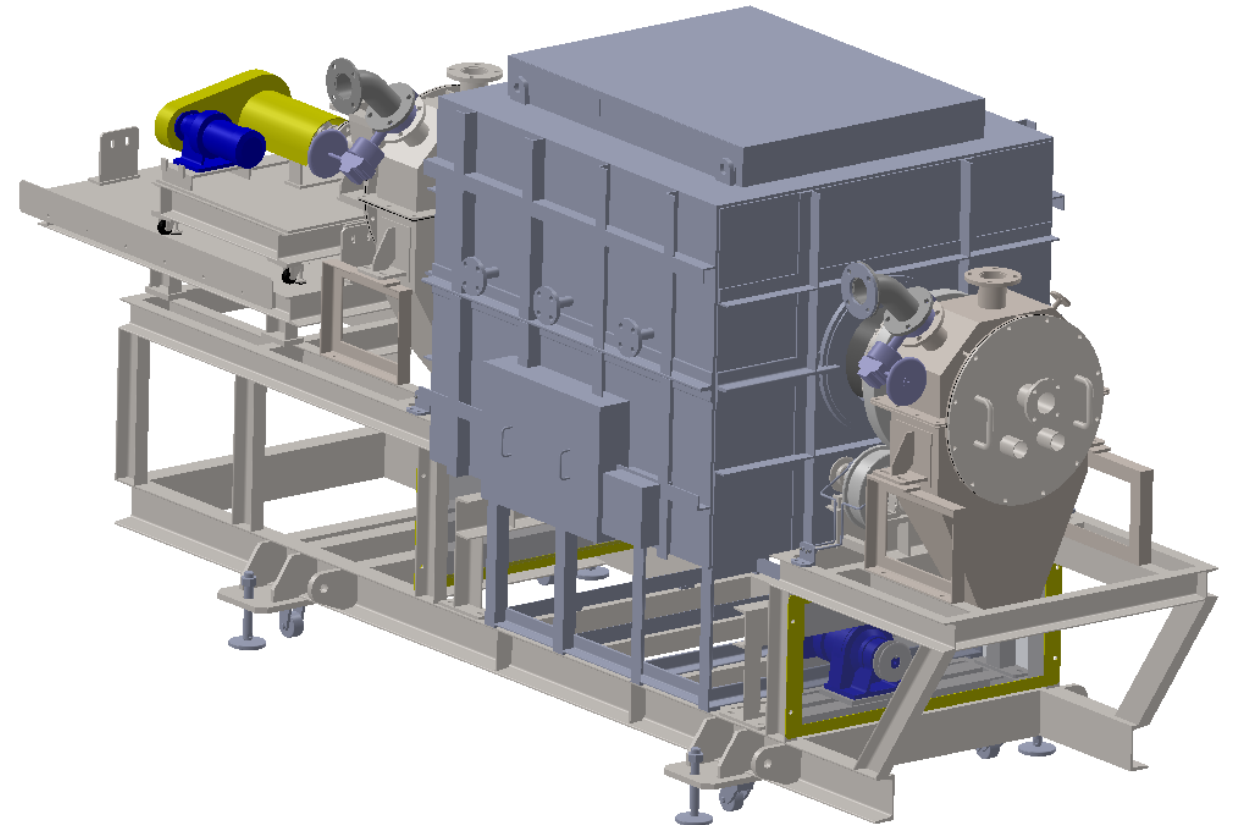


Space-saving  
Continuous processing



# Ceramic (SiC) Kiln - Specifications

	Specifications
Heating temperature	Max. 1300°C
Material	
Core tube	SiC
Hood	SUS310S/SUS304
Dimensions	Core tube $\Phi 280 \text{ mm} \times 2,300 \text{ mmL}$
	Heating area 1,050 mmL
Electric furnace capacity	105 kW
Electric motor capacity	0.4 kW



# Ceramic (SiC) Kiln - Overview

