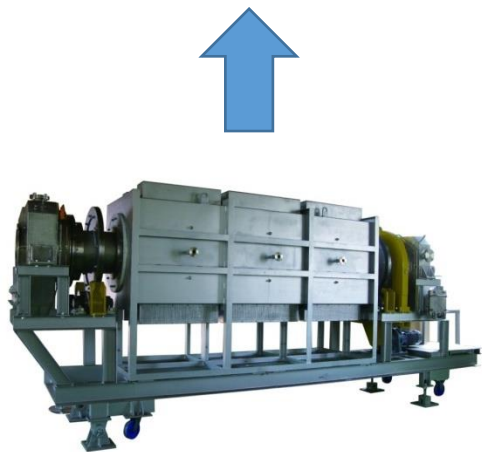
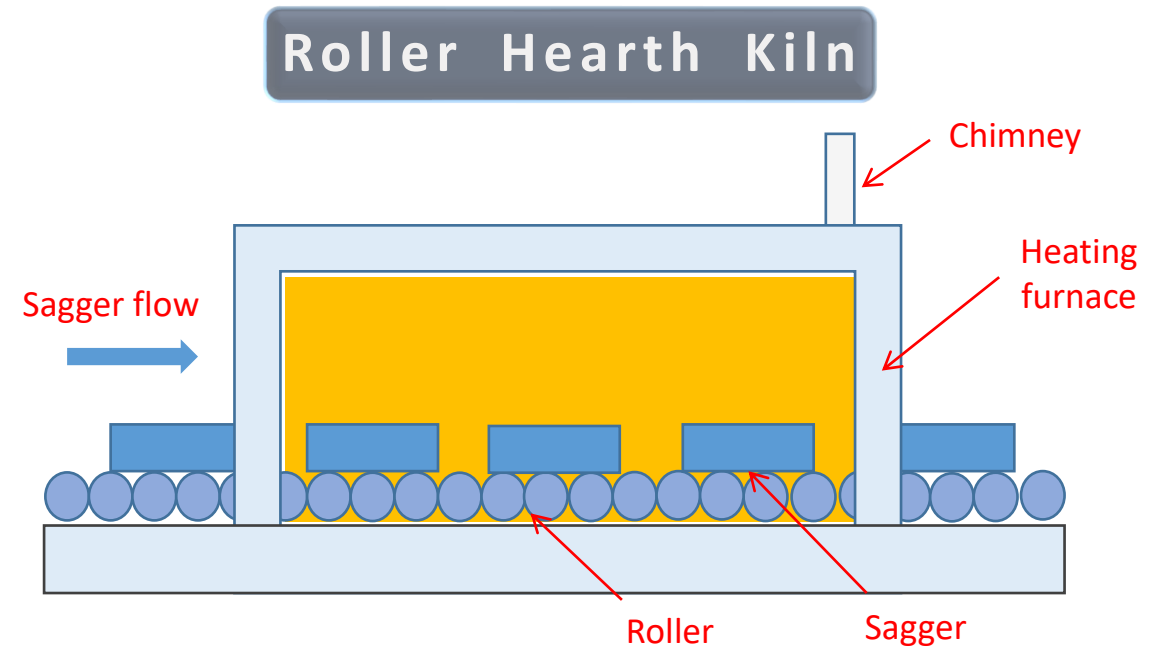
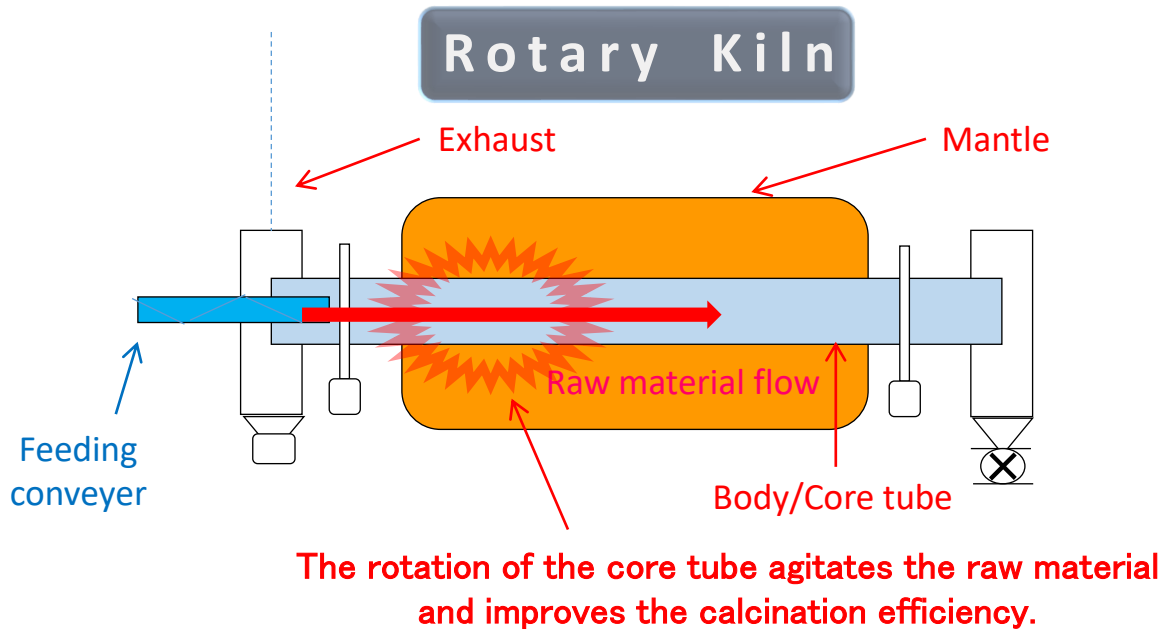


External Heating Type Rotary Kiln vs. Roller Hearth Kiln



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



External Heating Type Rotary Kiln

Material of the retort (body, core tube)

↓

Metal retort:

- SUS316
- SUS310S
- Inconel
- Hastelloy X



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Ceramic retort:

- Mullite
- Alumina
- SiC

Ceramic (SiC) Kiln - Features

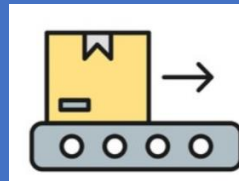
High temperature
Heating temperature
Max.1300°C



Contamination-free
No contact with metal

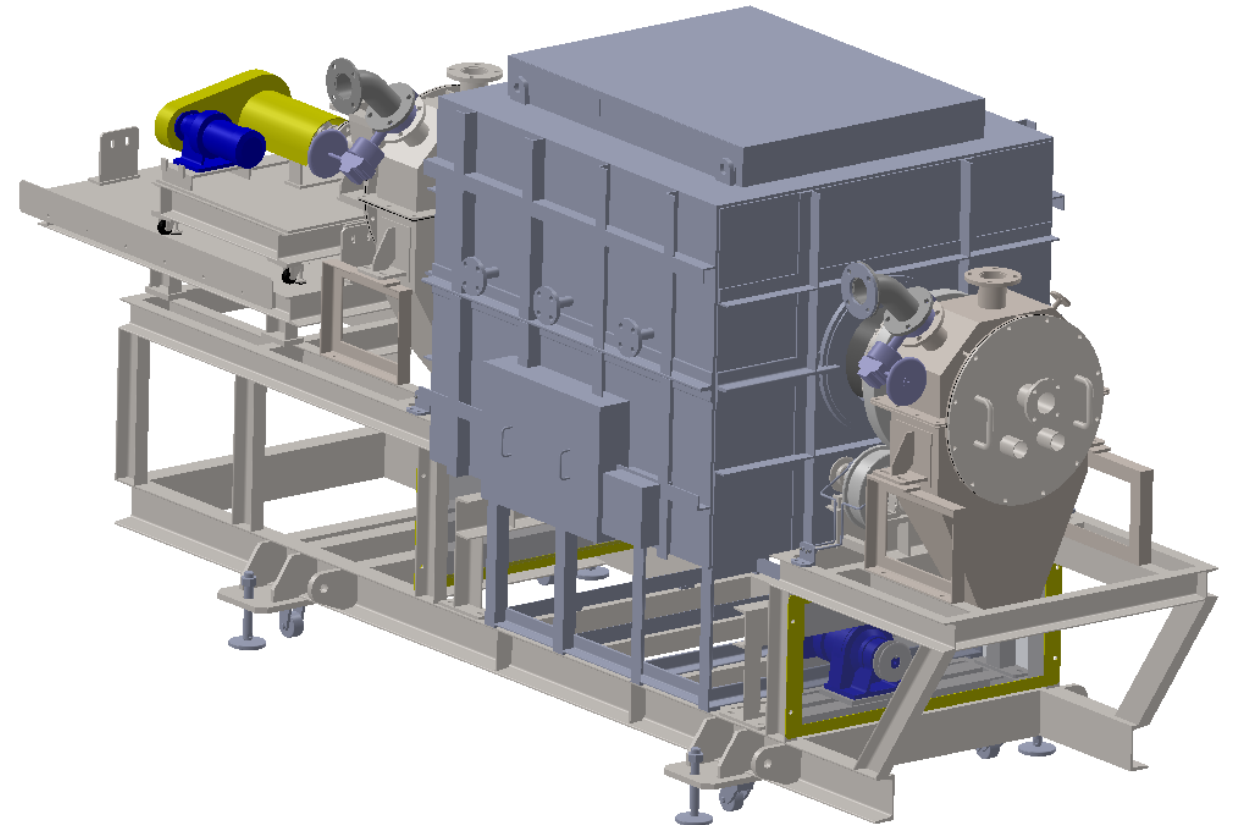


Space-saving
Continuous processing



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

