

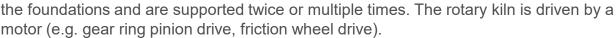
ROTARY KILN TECHNOLOGY

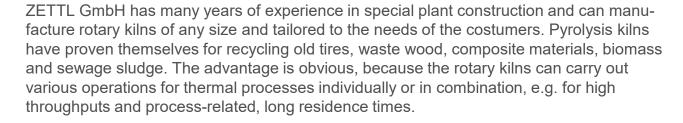


TECHNOLOGY

Rotary kilns are used for a variety of thermal material conversion processes for free-flowing, granular bulk materials. The bulk material can be calcined (lime), sintered (cement), roasted (phosphate), expanded (expanded clay), regenerated (lime sludge) or its crystal structure can be changed (aluminum oxide) in the rotary kiln.

The bulk material is fed in countercurrent to the hot gas. The running rings support the weight of the rotary kiln via the rollers and







APPLICATION

Environmental technology:

Old tires
Composites
Lignite
Sewage sludge
Waste incineration
Decontamination of soil

Inclination/Speed:

Minerals, ores, building materials:

Gypsum Aluminium Oxide Ceramic and glass material Aluminium scrap

process-oriented

TECHNICAL DATA	
Diameter:	up to 6 m
Lenght:	up to 130 m
Working temperature directly:	up to 1.150 °C
Working temperature indirect:	up to 850 ° C

THROUGHPUT	
Pyrolysis:	up to 1,3 t/h
Contaminated soil:	up to 6 t/h

