

Rotary Kiln Clinker Cooling Machine

This cooling machine is a crucial component of rotary kiln systems. It facilitates heat exchange, cooling clinker from 1000-1200 to 200, which improves clinker quality and grindability.



Product Overview

Industrial Clinker Cooling Solution

This rotary cooling machine is a critical component in rotary kiln systems, designed to facilitate efficient heat exchange for clinker. It effectively lowers material temperatures from 1000-1200°C down to 200°C, significantly improving clinker quality and grindability. The system is engineered to capture cooling air as secondary circulating air, which is then fed back into the kiln to enhance overall thermal efficiency.

Performance Metrics

Production Capacity

2 t/h

Minimum Capacity

36 t/h

Maximum Capacity

Cooling Range

1000-1200°C to 200°C

Technical Specifications

Installation Obliquity

5 %

Main Motor Power

15–132 kW

Equipment Weight

28–237 t

Model Selection Table

Model Specifications

Model (Dia x Length)	Capacity (t/h)	Main Motor (kw)	Weight (t)
1.5x15	2^3	15	28
1.5x20	3^4	15	35
1.8x18	4^6	18.5	47
2.0x22	7^8.5	22	61
2.2x18	7^8.5	22	64
2.2x22	8^10	30	73
2.4x24	12^15	45	98
2.5x25	15^20	55	110
2.8x28	16^22	55	130
3.0x30	20^25	75	169
3.2x36	28^32	90	200
3.3x40	32^36	132	237