

Michaelis Rotary Kiln Type Cd-RK

Main data:

Kind of waste	<ul style="list-style-type: none"> • solid • paste-like • liquid
Amount of waste	<ul style="list-style-type: none"> • 300 – 2.500 kg/h
Calorific value of the waste	<ul style="list-style-type: none"> • 1 – 45 MJ/kg
Density of the waste	<ul style="list-style-type: none"> • 30 – 1.500 kg/m³

Features:

- **Continuous incineration:** even hazardous waste is completely burned by the rotation of the furnace.
- **Incineration without grate:** absolutely sterile ashes by a complete burnout in the combustion chamber
- **Automatic feeding:** individually adapted systems
- **Automatic ash discharging:** into the water quench
- **Rigid construction:** use of standard components
- **Refractory lining:** resistant against wear, high heat storage, low heat emission of the furnace
- **Postcombustion chamber:** elimination of odour and organic matters
- **Easy operability:** automatic function control, optionally automatic charging systems
- **Low maintenance:** all important components are clearly arranged and easy of access
- **Made in Germany quality:** long-life cycle

Technical data:

Type	Cd 9 RK	Cd 11 RK	Cd 13 RK	Cd 15 RK	Cd 25 RK
Capacity kg/h	300	600	1000	1500	2500
Thermal power kW	1050	2100	3500	5250	8750
<u>Main combustion chamber:</u>					
Temperature °C	800 - 1200	800 - 1200	800 - 1200	800 - 1200	800 - 1200
Residence time of waste: Minutes	45 - 60	45 - 60	45 - 60	45 - 60	45 - 60
<u>Postcombustion chamber:</u>					
Temperature: °C	800 - 1200	800 - 1200	800 - 1200	800 - 1200	800 - 1200
Holding time of the flue gas: Seconds	1 - 2	1 - 2	1 - 2	1 - 2	1 - 2

- 1) Each incineration system will be adapted to the local requirements by Michaelis. The data indicated on the table are reference values.
- 2) The data are calculated with a calorific value of 12.500 kJ/kg and a moisture content less than 10%
- 3) With the composition of the waste the indicated data will change