



# ROTARY CALCINER

**48<sup>+</sup>** Years  
Of experience



In Association with SVCH-Technologii, Moscow (Russia)

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

# ABOUT US

KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of application engineering solutions and industrial heating products manufactured in a high-quality environment by a trained and qualified workforce (special purpose machinery)



KERONE is a pioneer in application and implementation engineering with its vast experience and team of professionals.



KERONE is devoted to serve the industry to optimize its operations both economically and environmentally with its specialized process engineering solutions.



KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.



KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions



48+ Years Manufacturing Excellence



Great Sale Support



Highly Customized Product



Adherence to Standards



Sound Infrastructure



Team of experts Delivering Quality



Timely Delivery



Cost Effective Solutions



# WHY CHOOSE US

"Choose Kerone for innovative solutions tailored to your unique product needs, ensuring efficiency, reliability, and unmatched quality."

With decades of expertise, cutting-edge technology, and a customer-centric approach, Kerone Engineering offers tailor-made Applications Engineering solutions that prioritize quality, flexibility, and cost-effectiveness. Benefit from our commitment to excellence, post-sales support, and innovative solutions for your unique Applications Engineering needs. Choose Kerone Engineering for reliability, performance, and unmatched value.

## MISSION



To enhance the value of customer operation through our customer need centric engineering solution.



We are committed to providing our customers with unique and best-in-class products in the industrial thermal processing segments. Through strategic tie-ups for technical know-how with renowned leaders in industry-specific segments, we ensure that our offerings meet the highest standards of quality and innovation.

## VISION



Turn into a world leader in providing specialized, top-notch quality and ecological industrial heating, cooling, and drying solutions across the globe.



To attain global recognition as the best of quality and environment-friendly engineering solution company.



Enhance the value of customer operation through our customer need centric engineering solution.



# TRUSTED PARTNERS





## Rotary Calciner

A rotary calciner is a specialized industrial furnace used for high-temperature processing of materials through controlled heating, often in a continuous manner. This equipment is commonly employed in various industries such as chemical processing, metallurgy, and materials science. The fundamental principle of a rotary calciner involves a rotating cylindrical vessel, typically made of steel, through which materials are passed while subjected to intense heat. This rotational motion ensures uniform heating and efficient thermal processing of the material within.

The calciner's design allows for precise control over temperature, residence time, and atmosphere conditions, facilitating the desired chemical reactions or physical transformations. It finds application in processes like drying, calcination, decomposition, and thermal desorption, where precise control over temperature and residence time is crucial for achieving the desired product quality. The versatility and efficiency of rotary calciners make them indispensable in various industrial operations aimed at producing high-quality materials with specific properties.

### Features

- Ensures uniform heating and prevents hot spots.
- Can reach temperatures exceeding 1000°C (1832°F).
- Operates under controlled gas conditions for specific reactions.
- Allows adjustment for optimal processing parameters.
- Can be heated by direct or indirect methods.
- Maintains high operating temperatures and durability.
- Facilitates continuous processing with efficient material handling.
- Utilizes advanced systems for real-time monitoring and adjustment.

### Advantages

- Uniform heating ensures consistent product quality.
- Customizable features to suit specific industrial needs.
- Controlled atmosphere options for optimized reactions.
- Continuous operation leads to higher throughput.
- Minimal maintenance requirements ensure operational efficiency.
- Capable of reaching high temperatures for various processes.
- Energy-efficient designs with insulation and heat recovery systems.

## Application

- Activated Carbon
- Alumina
- Biochar
- Charcoal Production & Activation
- Catalyst Preparation & Activation
- Pigments
- Plastics Processing
- Precious Metals
- Electronic Waste
- Glass Materials
- Kaolin
- Petroleum Coke
- Proppants
- Reduction Roasting
- Specialty Chemicals
- Waste Lime Sludge

## Technical specifications

Minimum Order Quantity

1 Piece

Capacity

100 to 5000 kg/hr.

Usage/Application

China Clay , Kaolin , Alumina Calcination

Material

SS

Max Temperature

1000-1400 deg C

Design

Customized

Air Heating System

Direct Fired / Indirect Fired Air Heaters

Fines Recovery Options

Cyclone Separators Bag Filters

Optional Features

Pulverizing of Feed / Product Feed Material  
Pre-heating Arrangement Rotary Cooler for cooling of Calcined product. Pneumatic Conveying Systems for feed material and finish product handling. Computerized control system through Plc.

# OUR CLIENTS









# THANK YOU

## UNIT 1

4 & 5, Marudhar Industrial Estate, Gas Godown Lane, Goddev Fatak Road, Bhayander (E), Dist. Thane - 401105. (India)

Contact Us  
+91-22 48255071,  
48255072

## UNIT 2

Plot No. B-47, Addl. Midc Anandnagar, Ambernath (E), Dist. Thane (India)- 421506

Contact Us  
+91(0251)26205  
42/43/44/45/46

## KRDC

Plot No K2, Industrial Gala F4A, D- Wing, MGN Properties, Opposite Godrej Co., Addl MIDC Anand Nagar, Ambernath (E)- 421506 (India)

Contact Us  
+91-2512620543/44

## UNIT 4 (EUROPE)

Kerone Engineering Solutions LTD. (EMitech) Viale della Palma, 7, 70033 Corato BA, Italy (Europe)

## UNIT 5 (THAILAND)

Thailand Representative:  
163 Rajapark Building,  
18th floor, Sukhumvit 21  
Road (Asoke), Wattana,  
Bangkok - 10110, Thailand

Contact Person  
G.Vivekanand  
+6689 500 9821

## Uzbekistan / Kazakhstan (Office)

TIT Company LLC: 100060,  
2, A. Kahhar, Tashkent,  
Uzbekistan

Contact Person  
Mr. Slava  
+998 903540963

## Israel (Office)

Ornatus Industrial Tech  
Ltd: Dam Hamac bim 36,  
7178602 Modiin, Israel

Contact Person  
Omri Fabian  
+972 584844887

## Australia & New Zealand (Office)

Linetech Pty Ltd:  
Po Box 3046, Browns  
Plains, Qld 4118. Australia

Contact Person  
Eric Quevauvilliers  
+61 (0)418 871 005

## Bangladesh (Office)

House-10, Road-5 Priyanka  
City, Sector-12, Uttara,  
Dhaka-1230, Bangladesh

Contact Person  
Md. Emtiaz Morshed  
+8801747762200



SCAN HERE

## Our Mails

info@kerone.com  
sales@kerone.com  
marketing@kerone.com

## Website

www.kerone.com  
www.kerone.net  
www.keroneindia.com