



ROTARY DRUM DRYER

48⁺ 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.



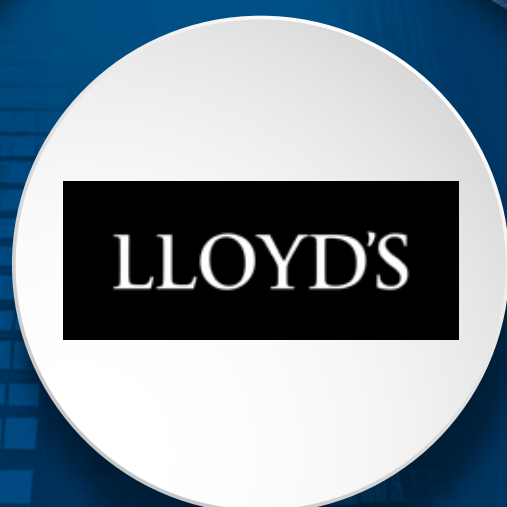
To attain global recognition as the best of quality and environment-friendly engineering solution company.

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

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TRUSTED PARTNERS





Rotary Drum Dryer

Rotary dryers are one of the most common types of industrial dryer, utilised for large quantities of material with particles of size 10 mm or larger. Typical rotary dryer consist of cylindrical shell made of steel plates slightly inclined (10 to 50) to horizontal to assist the transportation of the wet material fed for the processing, shell is typically 0.3-5 m in diameter, 5-90 m in length and rotating at 1-5 Both air and material either travel in parallel or counterflow. Drying in spray dryer occurs at very fast rate so that the contact of material to heat is not for longer time hence its does not damage the heat selectivity materials and becomes ideal for drying such materials.

Rotary dryer shell tube acts as body to transfer the wet feedstock and number of steam heated tubes are placed symmetrically around the perimeter and rotate with it. Wet material is fed into the upper end of dryer and the material travels through it by virtue of rotation and slope of the shell and dried product is picked as the lower end. So far we have helped tons of or clients with their drying needs. Our team of engineers and quality manufacturing process helps us to achieve the accuracy and product quality.

The feed rate, speed of rotation of shell, the volume of heated air or gases, and their temperature are so regulated such that by the time material reaches to discharge point of rotary dryer it's accurately dried.

Features

- Kerone build the rotary dryer are having robust construction.
- Kerone provide rotary dryer with various lifter options based material.
- Kerone provides the option of either co-current or counter-current air circulating rotary dryer.
- Rotary dryer designed by Kerone can be utilised for higher temperature drying.
- We design and build rotary dryer with wide range of size and dimensions to handle wide range of material.
- We provide fully automated rotary dryers by means of PLC/SCADA systems.
- Rotary dryers are suitable of continuous drying operation.
- This type of dryer provide relatively longer residence time.

Advantages

- Large capacity and fully automatic.
- Low energy cost and low resistance.
- Low maintenance cost; thus economical.
- Suitable for a wide range of material sizes.
- Sustainable, low cost of operation, product the average humidity reduction is good.
- Rotary dryers are less sensitive to particle size.
- It can accept the highest flue gases of any type of dryer.
- It has the greatest capacity than any type of dryer.

Application

● Food and Dairy Industry

● Agriculture and Animal Feeds

● Pharmaceutical Industry

● Wood and Paper Industry

● Foundry Industry

● Rubber Industry

● Metal Industry

● Ceramic Industry

● Sand Industry

Technical specifications

Minimum Order Quantity

1 Piece

Voltage

415 V , 50 Hz

Surface Finish

Powder Coated

Weight

Customized

Heating Resource

Gas

Max Temperature

1400 Deg C

Design

Customized

Speed

Customized

Material

Stainless Steel

Automation Grade

Automatic

Air Heating System

Direct Fired Air Heaters

Product Recovery System

Cyclone Separators, Bag Filters

Optional Features

Feed material conditioning Back- mixing of product with feed material. Pneumatic conveying system and finish product handling Computerized control system through PLC



THANK YOU

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