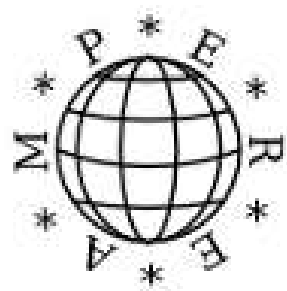


ROTARY DRUM DRYER

Environment Friendly Engineering Solution Company



KERONE
Kerone Engineering Solutions Limited



48 Year
Of experience

In Association with SVCH-Technologii, Moscow (Russia)

ISO 9001:2015 | ISO 14001:2015 | EMS 14001 | OHSAS 18001:2007



ABOUT KERONE

- ◆ KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of Heating /cooling and drying 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 heating and drying solutions.
- ◆ KERONE has reported annual revenue of \$18 to \$20 Million , increasing year-on-year.
- ◆ KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions
- ◆ KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.
- ◆ KERONE is possessing experience of 48+ years in engineering excellence.



**48 Years
Manufacturing Excellence**



**Great Sale
Support**



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

MISSION

- To enhance the value of customer operation through our customer need centric engineering solution
- We are committed to provide our customers, unique and best in class products in Industrial heating drying and cooling segment with strategic tie-up for the technical know-how with renowned leader in the industry specific segment

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.



VALUE PROPOSITION



Highly
Customized Product



Adherence to
Standards



Sound
Infrastructure



Team of experts
Delivering Quality



Timely
Delivery



Cost Effective
Solutions



Introduction To 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.

Application

- ◆ Food and Dairy Industry.
- ◆ Agriculture and Animal Feeds.
- ◆ Wood and Paper Industry.
- ◆ Metal Industry.
- ◆ Foundry Industry.
- ◆ Ceramic Industry.
- ◆ Sand Industry.
- ◆ Rubber Industry.
- ◆ Chemical and Pharmaceutical Industry.

Advantage

- ◆ Large capacity and fully automatic.
- ◆ Low energy cost and low resistance.
- ◆ suitable for a wild range of material sizes.
- ◆ Stainable, 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 gasses of any type of dryer.
- ◆ Low maintenance cost; thus economical.
- ◆ It has the greatest capacity than any type of dryer.



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



TRUSTED PARTNERS



OUR CLIENTS









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