



# DRUM DRYER

Environment Friendly Engineering Solution Company



In Association with SVCH-Technologii, Moscow (Russia)

[www.kerone.com](http://www.kerone.com)

ISO 9001-2008 | ISO 9001-2015 | EMS 14001 | OHSAS 18001

# About Kerone

KERONE now renowned name in serving specialized need of customers with best quality and economical process Heating /cooling and drying products, manufactured in high quality environment by well trained and qualified workforce(special purpose machineries) .

KERONE is pioneer in application and implementation engineering with its vast experience and team of professionals. KERONE is devoted to serve the industry to optimize their operations both economically and environmentally with its specialized heating and drying solutions.

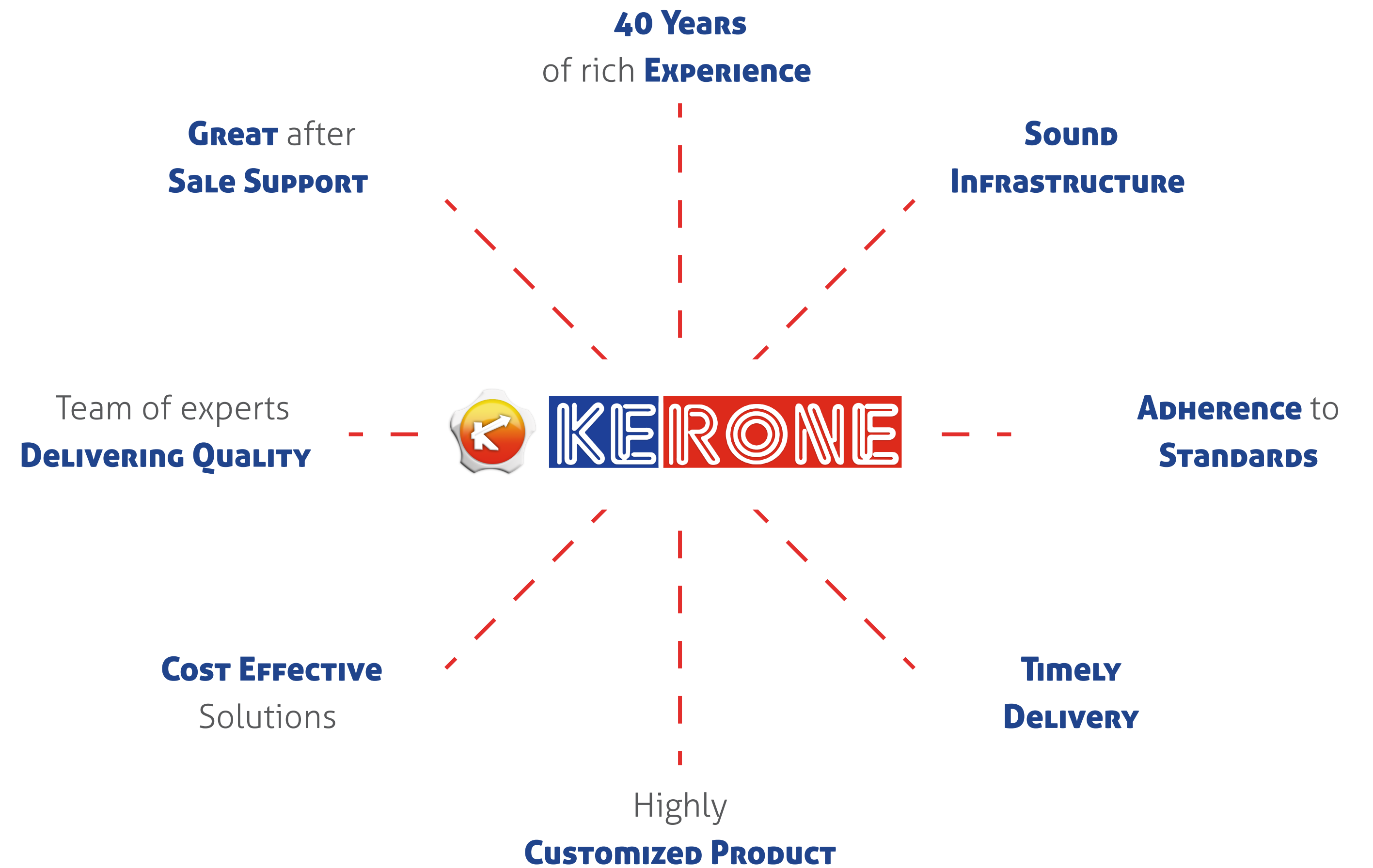
*“Enhance the value of customer operation through our customer need centric engineering solution”*

## ***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 world leader in providing specialized, top-notch quality and ecological industrial heating, cooling and drying solution across the globe.
- To attain global recognition as best of quality and environment friendly engineering solution company.

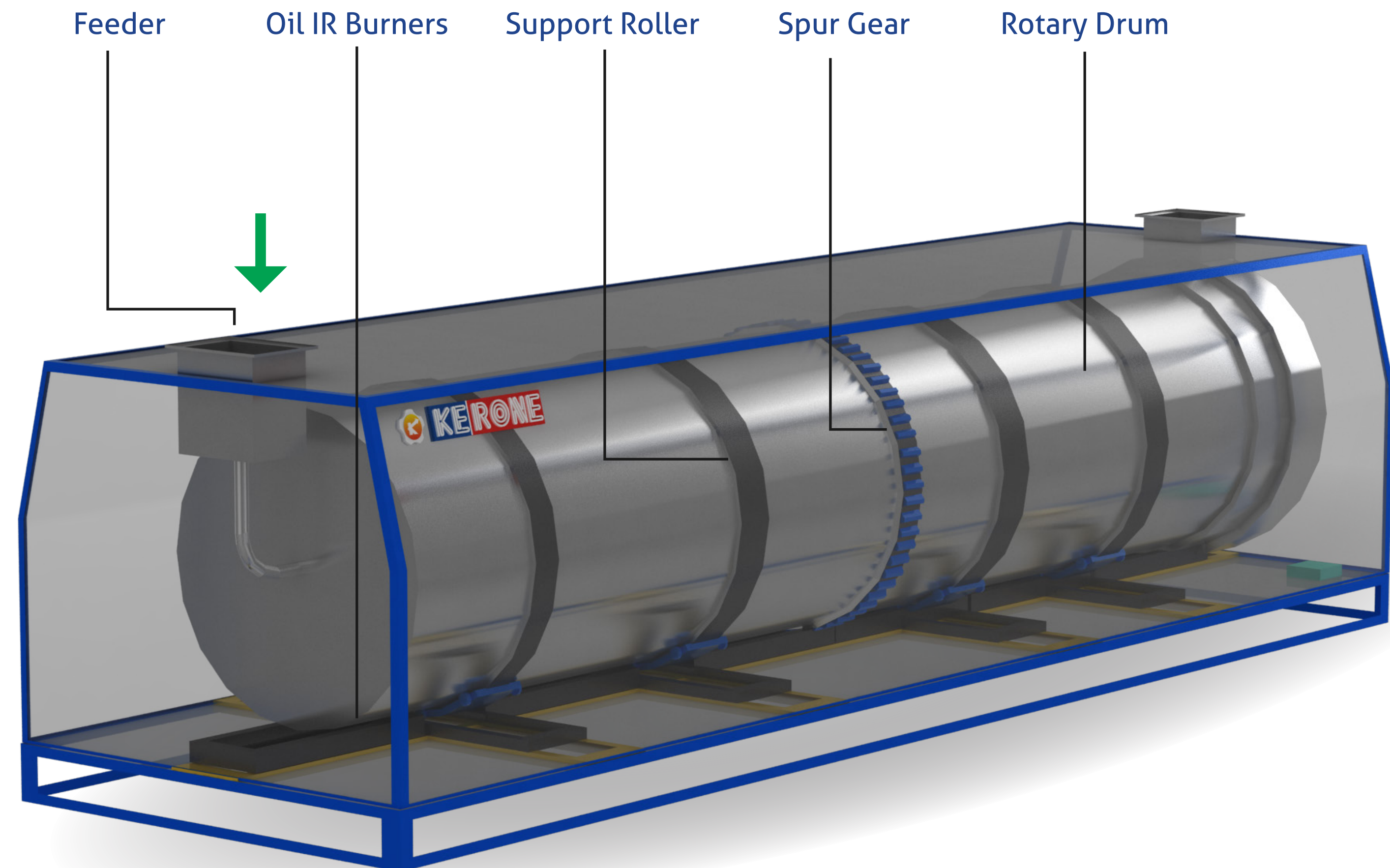




## Introduction to Drum Dryer

The drum dryer is very flexible in nature, its operation depends on the pressure of steam within the drum, speed of drum rotation, width of applicator and the ratio of drum speed rotations. All these parameters can be control/ regulated independently without any dependency on each other.

Typical value of the drum dryer components ranges from steam pressure in drum from 29 to 115 psi, rotation speed can vary from 2 to 30 rpm, thin sheet applicator width can be designed from 0.05 to 0.5 mm, and the ratio of drum rotation speed is from 1 to 5.



# Features

Drum dryers at kerone has evolved in last 42years, we have added lots of feature to enhance the performance of drum dryers. Below are few of the features of our drum dryers

- Uniform drying across the materials, due to uniform application and maintaining uniform pressure across the drum.
- Very much suitable of highly viscous, pasty, slurries type of materials.
- Our drum dryers are suitable drying of heat sensitive materials, because of its shorter drying time.
- Highly adjustable, the components of the drum dryer such as pressure, rotation speed, applicator width and other can be adjusted individually
- Drum dryers offers higher thermal efficiency as compared to other drying systems as the drying takes place due to transfer of heat from within drum to outside drum.
- Kerone’s drum dryers are easy to maintain and clean.
- We build drum dryer with wide range of size and heat transfer to handle wide range of material.
- Drum dryers operates in continuous drying mode.

# Application

Drum dryer takes viscous liquids, slurries, suspensions, and pastes as input material to be dried and produces the output as powders or flakes. Drum dryers find application majorly in Food & Dairy industry and Chemical & Pharmaceutical Industries for drying various type of pasts and slurries.

- |                           |                            |
|---------------------------|----------------------------|
| • Cereal Based Baby Foods | • Cowpea                   |
| • Milk For Milk Powder    | • Citrus Pulps             |
| • Skim Milk               | • Fruit Juice              |
| • Tomato Puree            | • Calcium Carbonate        |
| • Broth                   | • Suspension Of Zinc Oxide |
| • Yeast                   | • Sodium Benzoate          |
| • Coffee Powder           | • Brewer's Yeast           |
| • Malt Extract            | • Calcium Chaloride        |
| • Apple Puree             | • Potasium Phenyl Acetate  |
| • Apple Sauce             | • Polycrylamide Gel        |
| • Rice                    | • Sodium Acetate           |
| • Wheat                   | • Dye Intermediate         |
| • Maize                   | • Sulphur Black            |
| • Sauces And Jams         | • Calcium Lactate          |
| • Corn                    | • Antibiotics              |
| • Soybean                 | • Insecticides             |
| • Banana                  | • Resis Salt               |

3D View

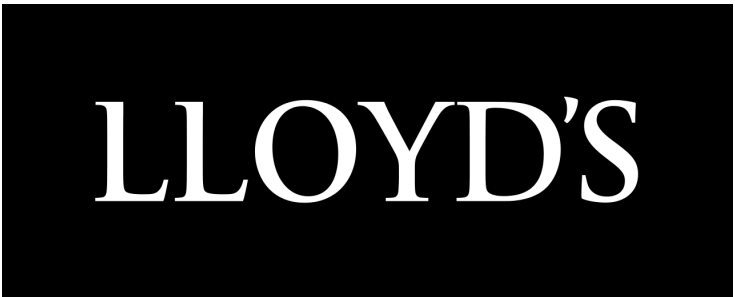


# Previous Installations





# Trusted Partner





# Our Clients



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