

# INFRARED (IR) 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.

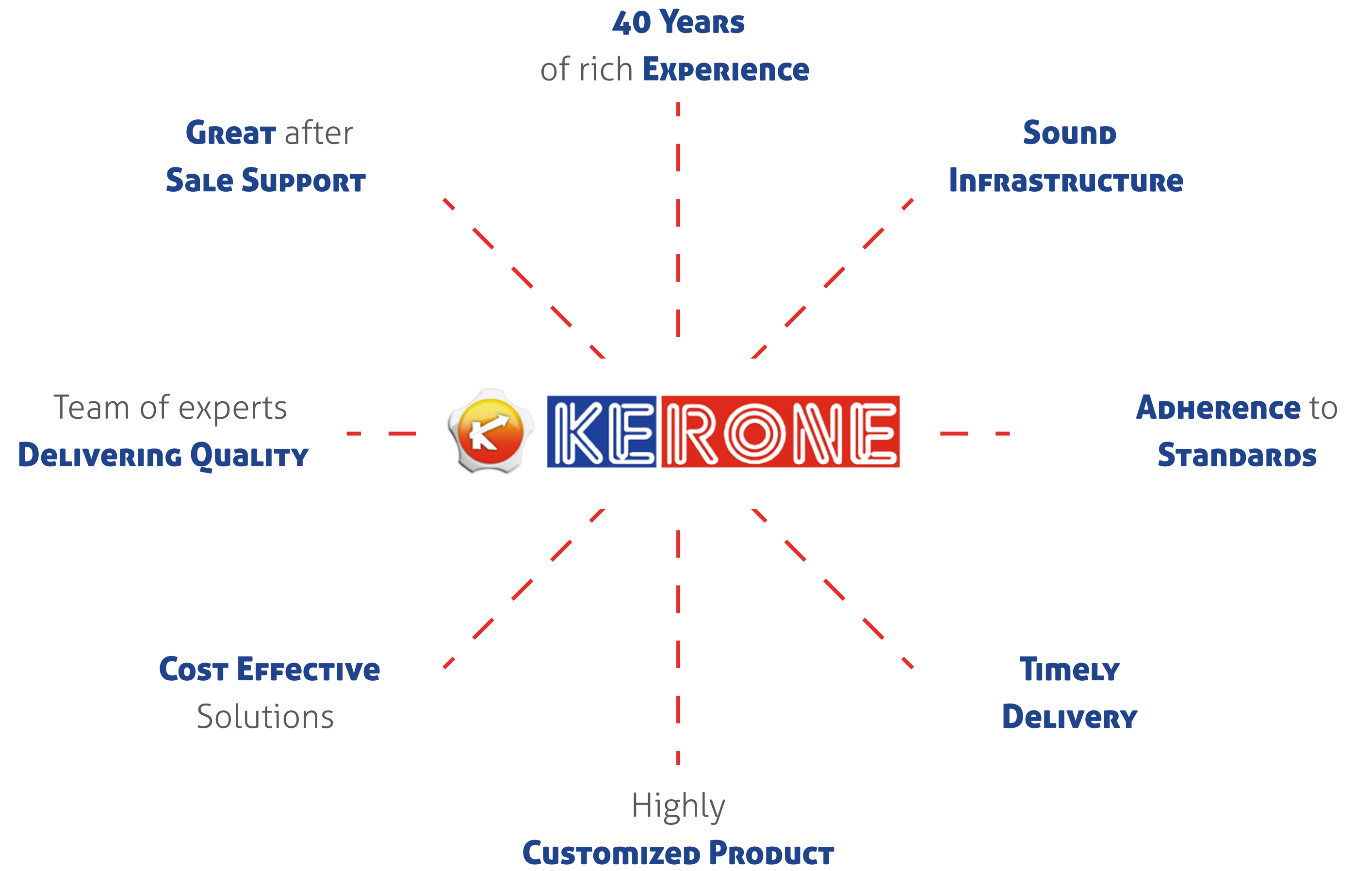
**“Enhance the value of customer operation through our customer need centric engineering solution”**

## *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*

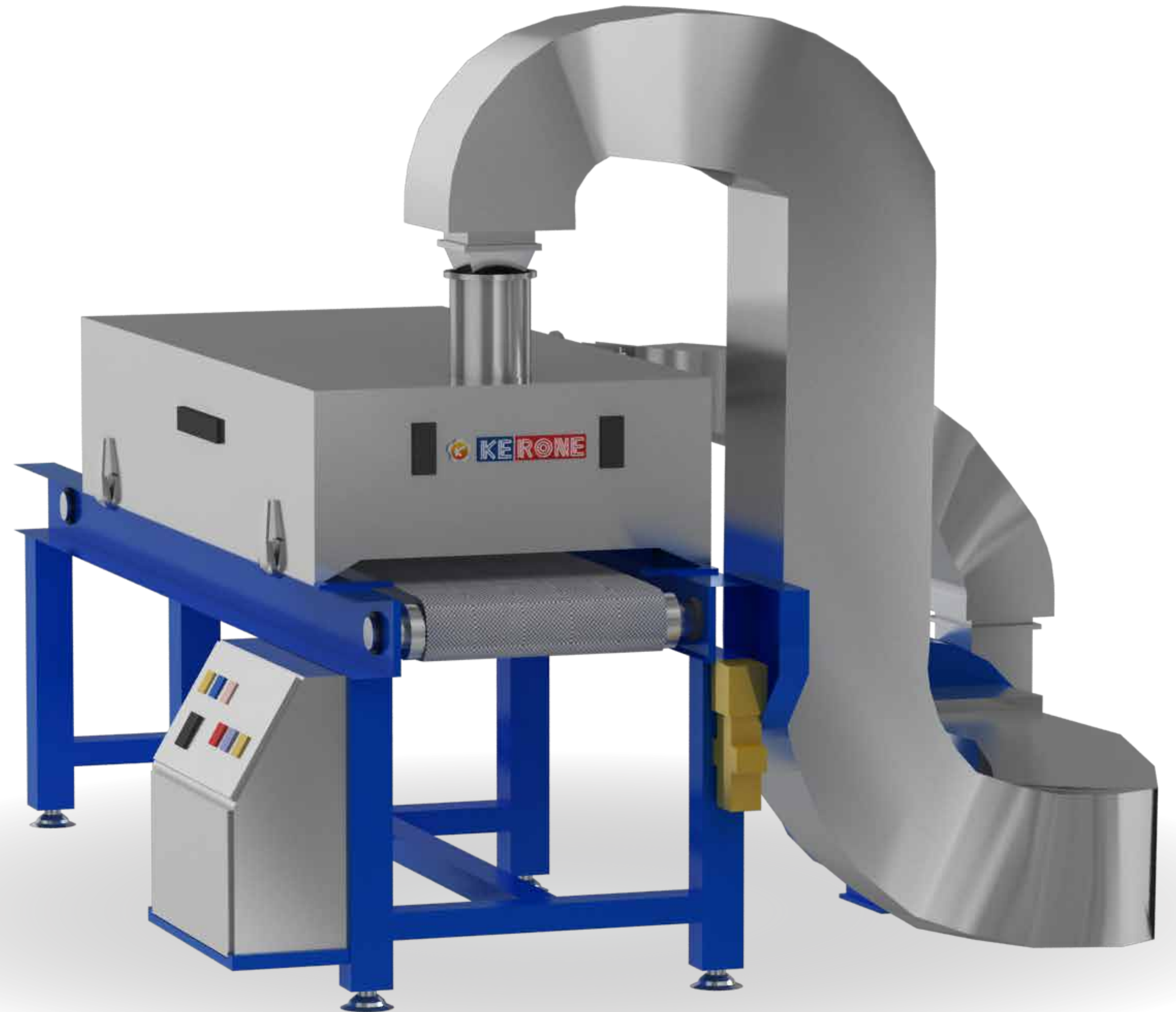
- Turn into world leader in providing specialized, top-notch quality and ecological industrial heating, cooling and drying solution across the globe.
- To attain global recognition as best of quality and environment friendly engineering solution company.



## Introduction to Infrared (IR) Dryer

We at KERONE design, manufacture and export across world various Infrared dryers (IR Dryers) having customized specification to fit into your drying process requirement, Infrared dryers (IR Dryers) are designed with the superior quality Infrared (IR) radiator with digital control electronics, Infrared Dryer (IR Dryer) is more suitable for the temperature sensitive and material with high surface radiation.

Since the Infrared dryer (IR dryer) heat/dries the surfaced of material at very faster rate it becomes more suitable for drying of paint on the surface, screen printing machines. Infrared dryers (IR dryers) obstruct the development of a skin or blisters on the surface and accelerate the drying of the paint, this results in a shining surface quality.



# Features

- Infrared dryers are having superior Air Handling arrangement.
  - Forced airflow speed up drying/curing process.
  - High-volume circulation blower reduces energy costs.
  - Separate dedicated blowers for circulation & exhaust Control Center
  - After the dryer has been turned off, the blowers and belt will continue to run for five minutes to shut down automatically after cooling of heat chamber.
  - Infrared dryers (IR dryers) are compact in size, hence it takes lesser floor area.
  - Infrared Dryers (IR dryers) are having digital keypad with digital display.
  - Air-cooled electrical control cabinet insures long life of electrical components Conveyor System.
  - Conveyor belt is made of imported antistatic heat-resistant, Teflon-coated fiberglass coating.
- Conveyor Driven by a reliable, heavy-duty, variable-speed AC motor with imported variable speed drive and gear box.
  - Degradation of solvents by oxidation
  - Rubber lining rollers for belt
  - Minimum belt speed: 0.8 mtr per minute
  - Max belt Speed : 15 Mtr/ Min.
  - Conveyor speed & IR system are integrated with each other for safety purpose.

# 3D View



# Trusted Partner



# Our Clients





**KERONE**

Kerone Engineering Solutions Limited

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