



# VERTICAL BLENDERS

**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





## Vertical Blenders

Mixing / blending the desired activity of many industrial processes such as chemical, pharma, food, plastic and many more. Vertical Blenders are an excellent choice for mixing solid to solid, solid to liquid or liquid within liquid. The Kerone's vertical blenders are designed for applications that are trim profound or where floor area of the plant is at a minimum, our vertical blenders are also come with custom design based on type of material, quantity to be handled and floor & feed plan.

Common vertical blenders contain spiral mixing blade inside, this initiates a three-dimensional flow of the mixing goods; generating a helical rising movement on the edges and downward flow in the centre. Vertical blending machines produced by Kerone will guarantee superior mixing results and complete dispensing. The mixing screw revolves in the conical vessel wall when it turns the other way it lifts the material up.

In vertical blenders the screw is calmer than that of a horizontal blender which does not damage any property of the processing material. The screw's movement also moves the material upwards and downwards. The materials are pushed at the uppermost batch level towards the centre of the conical vessel, and then move back to down the centre along the movement of screw.

## Features

- Automation Compatibility
- Batch Mixing
- Variable Speed Options
- Vertical Design
- Material Versatility
- Gentle Material Handling
- Easy Maintenance
- Customizable Configurations

## Advantages

- Both mixing and blending in one unit only
- Vertical blender can be used for a wide range of batch sizes
- Calm blending/ Mixing action is suitable for friable or sensitive materials
- It requires half the power than that of other blenders
- Less floor-space is wasted for housing the Vertical blenders
- Manufactured with great quality and durable materials
- Material movement is taken care by mixing screw
- The blender/ mixer with vertical blending meets almost all industrial needs
- Flush plug valve is used for discharging finished product to avoid material block

## Application

- In manufacturing of fertilizers
- Pigment Processing
- Processing of various chemicals and colors
- For preparation of capsule, tablets and granules in Pharmaceuticals industries.
- Food industry used vertical blender in large extent such as preparation of flour, creamer, crushing meat, Potato ball preparation and many others .
- Creation of talc powder, foundation powder in FMCG and Toiletries

## Technical Specification

Model	Power		Capacity (KG)	Voltage	Dimensions (mm)	Rotating Speed (R/min)	Heating Power (KW)	Blower (KW)	Net Weight (kg)
	KW	HP							
KEVB500	2.2	3	500	380/3φ	1210*1480 *2425*520	300	12	0.32	450
KEVB1000	3	4	1000	380/3φ	1636*1800 *3070*705	300	18	1	630
KEVB2000	4	5	2000	380/3φ	1930*2035 *3650*680	300	30	1.5	1050
KEVB3000	5.5	7.5	3000	380/3φ	2375*2420 *3670*700	300	38	2.2	1250
KEVB1000	7.5	10	5000	380/3φ	2375*2420 *3670*700	300	38	2.2	1500

# OUR CLIENTS









# THANK YOU

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