



48⁺ Years
Of experience

MICROWAVE HEATING FOR WOOD



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





Microwave Heating For Wood

Microwave heating for wood presents a revolutionary advancement, utilizing electromagnetic waves to swiftly and evenly dry wood, preserving its integrity and minimizing defects. Kerone ensures precise control over the drying process, guaranteeing consistent, high-quality results. Unlike kiln drying, which relies on convection or conduction, microwave heating rapidly oscillates water molecules within the wood, enabling faster and more efficient drying.

This technology allows tailored treatment for individual wood species and moisture levels, enhancing overall efficiency while reducing energy consumption and environmental impact. Its applications span industries like furniture making and construction, where efficient processing of high-quality wood is crucial. Additionally, microwave drying serves as a final treatment to prevent mold and extend wood preservation, thanks to its disinfectant and sterilization properties.

Features

- Rapid Drying Time
- Reduced Footprint
- Uniform Heating
- Environmentally Friendly
- Energy Efficiency
- Controllable Process

- Increased Productivity
- Preservation of Wood Properties
- While still evolving, microwave heating technology for wood is increasingly being adopted in industrial settings for its efficiency, precision, and potential cost savings.

Advantages

- Rapid Drying Times
- Uniform Heating
- Preservation of Wood Quality
- Reduced Environmental Impact
- Versatility in Wood Types
- Controlled Moisture Content
- Reduced Need for Chemical Treatments
- Improved Productivity
- Innovation in Wood Processing

Application

- Reduces energy consumption.
- Can be used for shaping and treating wood.
- Requires precise control to prevent damage.
- Uses microwaves to heat wood rapidly.
- Speeds up drying and curing processes.
- Microwave heating for wood applications is a method that utilizes electromagnetic radiation in the microwave frequency range to heat wood materials.

OUR CLIENTS









THANK YOU

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