



**48<sup>+</sup> Years**  
*Of experience*

# MICROWAVE HEATING FOR RUBBER



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 Rubber

Microwave heating for rubber stands as a specialized and efficient method across various industrial applications, offering a significant departure from traditional heating approaches reliant on conduction and convection. By harnessing electromagnetic waves, this technique generates heat within rubber materials. Rapid rotation of polar molecules, including water and additives, under microwave radiation induces friction and subsequently, heat generation, ensuring uniform and swift heating.

This process, crucial in rubber curing and vulcanization, is characterized by precise control, leading to consistent and reliable outcomes. Vulcanization, a critical process for rubber manufacturers, enhances the material's strength, durability, and elasticity by altering cross-linking bonds. Kerone's advanced Microwave Heating For Rubber system, incorporating microwave and electromagnetic technologies, serves as a crucial technology partner for rubber manufacturers. Our Continuous Microwave Vulcanization Curing Plants offer a cost-effective solution, accelerating vulcanization processes through high temperature and pressure, thereby delivering high-quality processed rubber efficiently.

### Features

- Working life is more than conventional heating systems
- Quick and Easy installation

- Lesser maintenance
- Hassle-free operational
- Condensed construction
- Accurately designed and engineered
- Highly durable
- Energy and Cost efficient
- Consume lesser power
- Efficient performance

### Advantages

- Fast and even heating
- Selective heating
- Direct employment of large-sized feedstock's
- Waste reduction and material recovery
- Better production quality
- New materials and products
- Ability to operate from an electrical source
- Highly Integrated Interlocks with a Remote Control Panel

### Application

- Enables precise control for consistent and reliable outcomes.
- Reduces processing time and energy consumption compared to traditional methods.
- Efficiently heats rubber for curing, vulcanization, and molding applications.
- Utilizes electromagnetic waves for rapid and uniform heating of rubber materials.
- Induces molecular movement within rubber, generating heat through friction.

# OUR CLIENTS









# THANK YOU

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