



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

# BIOCHAR PROCESSING FROM ORGANIC WASTE



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





## Biochar Processing From Organic Waste

Biochar Processing from Organic Waste presents a pioneering solution addressing both agricultural and climatological challenges. Through controlled pyrolysis processes, organic waste materials such as agricultural residues, forest by-products, and food waste are transformed into biochar, diverting natural waste from landfills and yielding a valuable carbon-rich product.

This biochar acts as a stable form of carbon, enriching soil fertility, improving water retention, and sequestering CO<sub>2</sub>, thus combating global warming. By serving as a permanent soil enhancer, it reduces reliance on chemical fertilizers, thereby lessening environmental harm associated with traditional farming practices. Moreover, this approach fosters a circular and sustainable bioeconomy, managing materials efficiently while offering insights into other waste transformation methods to enhance soil quality and combat climate change. This innovative and environmentally responsible system, known as Biochar Processing from Organic Waste, utilizes pyrolysis to convert biomass into biochar, paving the way for resource reuse and environmental stewardship.

### Features

- Carbon Sequestration
- Soil Amendment
- Waste Management

- Renewable Energy Production
- Reduction of Greenhouse Gas Emissions
- Potential for Soil Remediation
- Customization
- Biochar Production Scalability

### Advantages

- Renewable resource
- Carbon sequestration
- Improved Soil Microbial Activity
- Enhanced Water Quality
- Waste reduction
- Eco-conscious processing
- Drought Resistance
- Versatile Applications
- Long-term Soil Amendment
- Economic Opportunities

### Application

- Promotes circular and sustainable bioeconomy.
- Biochar serves as a stable form of carbon, enhancing soil fertility and water retention.
- Traps CO<sub>2</sub>, contributing to climate change mitigation.
- Reduces reliance on chemical fertilizers in agriculture.
- Conversion of organic waste (agricultural residues, food waste, etc.) into biochar through pyrolysis.

# OUR CLIENTS









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