



48⁺ Years
Of experience

ETHANOL RECOVERY PLANT FROM BIOMASS



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





Ethanol Recovery Plant From Biomass

The Ethanol Recovery Plant from Biomass represents a significant advancement in sustainable biofuel production, surpassing previous batch fermentation technology with its continuous fermentation process, ensuring high efficiency and operational parameters. Utilizing organic resources such as wood, grasses, and municipal solid waste, this innovative plant initiates a systematic process from biomass gathering and preparation to biochemical or thermochemical conversion, breaking down materials into fermentable sugars. Microorganisms like yeast then ferment these sugars into ethanol, followed by distillation to separate ethanol from water and contaminants, employing advanced techniques like fractional distillation for high-purity ethanol production.

This modern facility utilizes cutting-edge technologies like molecular sieve technology to purify ethanol from sources like corn, sugarcane, and switchgrass, aligning with industry standards for biofuel applications. Kerone's focus on sustainable manufacturing emphasizes ethical sourcing, waste reduction, and energy efficiency, contributing to a greener energy landscape while reducing dependence on fossil fuels and greenhouse gas emissions.

Features

- Enzymatic Hydrolysis
- Fermentation
- Distillation
- Dehydration
- Environmental Compliance
- Automation and Control Systems
- Safety Measures
- Feedstock Handling and Preparation
- Utilizes molecular sieve technology for ethanol purification.

Advantages

- Utilizes renewable biomass resources.
- Reduces dependence on fossil fuels.
- Lowers greenhouse gas emissions.
- Promotes sustainable biofuel production.
- Enables high ethanol yield and purity.
- Versatile in processing various biomass sources.
- Utilizes advanced distillation and purification techniques.

Application

- Sustainable biofuel production.
- Utilizes organic resources.
- Continuous fermentation process.
- Decreases dependence on fossil fuels.
- Reduces greenhouse gas emissions.
- Promotes greener energy solutions.
- Emphasizes ethical sourcing and waste reduction.

OUR CLIENTS









THANK YOU

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