



48⁺ Years
Of experience

ETHANOL RECOVERY PLANT FROM FOOD GRAINS



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 Food Grains

The Ethanol Recovery Plant from Food Grains represents a significant advancement in the bio-fuel industry, harnessing the potential of agricultural crops like corn, wheat, and barley to produce renewable and eco-friendly ethanol. By converting food grains into ethanol, this vital industrial facility offers an alternative to fossil fuels while contributing to rural economies and reducing greenhouse gas emissions. The process begins with grinding and milling the grains to create a mash, followed by enzymatic hydrolysis to convert starches into simpler sugars. Yeast then ferments these sugars to produce ethanol and carbon dioxide.

After fermentation, the ethanol-water mixture is distilled to isolate and concentrate the ethanol. The adoption of this technology promotes a greener, economically feasible future powered by renewable resources and creative energy solutions, while also reducing waste through the utilization of byproducts like distiller's grains for animal feed. Dry mills produce ethanol, distillers' grains, and carbon dioxide, while wet mill facilities produce a host of high-valued products. Our innovative factory employs advanced machinery to manufacture Ethanol Recovery Plants from Food Grains efficiently, minimizing waste and maximizing resource utilization. Such plants are essential for lowering environmental impact, improving energy independence, and stimulating economic development by maximizing the potential of renewable resources.

Features

- Converts food grains like corn, wheat, and barley into ethanol.
- Utilizes grinding, milling, enzymatic hydrolysis, and fermentation processes.
- Produces renewable and eco-friendly ethanol biofuel.
- Reduces dependence on fossil fuels.
- Wet mill facilities produce a variety of high-valued products.
- Dry mills produce ethanol, distillers' grains, and carbon dioxide.

Advantages

- Utilizes corn, wheat, barley for ethanol.
- Fermentation yields ethanol and CO₂.
- Boosts rural economies.
- Fermentation process produces ethanol and carbon dioxide
- Distillation isolates and concentrates ethanol for purity.
- Byproducts like distiller's grains are used for animal feed, reducing waste.

Application

- Biofuel production
- Industrial solvents
- Pharmaceutical industry
- Ferments sugars to produce ethanol
- Renewable energy
- Provides alternative to fossil fuels.
- Promotes sustainability in energy production

OUR CLIENTS









THANK YOU

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