KERONE
Kerone Engineering Solutions Limited

COMPANY PROFILE

48+ Years
Of experience

MILDTECH

:fm
Fricke und Mallah
Microwave Technology GmbH

CRISIL
RATED COMPANY

AIMCAL

CRISIL VERIFIED

EMitech
ELECTRO MAGNETIC innovative technologics

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 Heating /cooling and drying 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 devoteded to serve the industry to optimize its operations both economically and environmentally with its specialized heating and drying 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

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 cominitted to provide our customers, unique arid best in class products in Industrial heating, drying and cooling segment with strategic tie-up for the technical know-how with renowned leader in the industry specific segment.

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.

OUR PARTNERS AND COLLABORATORS

Company Partners

- Mildtech UK Ltd. (United Kingdom)
- Linetech Pty Ltd. (Australia)
- Tauran Ventures (Thailand)
- Fricke und Mallah (Germany)
- TIT Company LLC (Uzbekistan)
- EM Innovative Technologics (Italy)
- Ornatus Industrial Technologies (Israel)
- JNJ Global Technology Limited (Bangladesh)

University Collaborators

- Aston University
- Cardiff University
- Cambridge University
- Harper Adams University
- The University of Nottingham
- National Institute of Technology
- Institute of Chemical Technology
- Birla Institute of Technology And Science
- Council of Scientific and Industrial Research

Governmental Bodies

- UK Research and Innovation
- Institute of Chemical Technology
- National Institute of Technology
- Defence Food Research Laboratory

TRUSTED PARTNERS

TÜV
ISO 14001:2004

AFCONS

Technip

EIL

TOYO ENGINEERING

ZEPPELIN
WE CREATE SOLUTIONS

Reliance Engineering Associates Pvt. Ltd.

TATA
TATA CONSULTING ENGINEERS LIMITED

LLOYD'S

SC Shroff Consultants

STERLING & WILSON

Industrial Dryer

Introducing our innovative Industrial Dryer, meticulously manufactured to satisfy the various demands present-day industry. Our dryer, which is a cornerstone in the field of industrial processing, was made with accuracy and effectiveness in mind. Its flexible design embodies dependability and efficiency, capable of handling anything from food items to textiles. Our dryer boasts innovative technology and adjustable settings to maximize energy savings and guarantee ideal drying conditions. It is a reliable partner on your production line because of its sturdy design, which ensures lifetime. Our industrial dryer is a monument to excellence and innovation, regardless of the industry you work in—textile, food, pharmaceutical, or chemical. Have faith that it can help you increase productivity and optimize your processes.

Types of Dryer

- Drum Dryer
- Imperial Dryer
- Infrared Dryer
- Spray Dryer
- Fish Dryer
- Conventional Dryer
- Flash Dryer
- Fluid Bed Dryer
- Rotary Dryer
- Sludge Dryer
- Microwave Dryer
- Hot Air Dryer
- Food Dryer
- Tunnel Dryer
- Tray Dryer

Drum Dryer

Drum Dryer is made to meet the various demands of sectors that need quick and dependable drying procedures. Its sturdy stainless steel design ensures endurance and durability, while the sophisticated technology inside provides ideal heat distribution for even and complete drying. Kerone Drum Dryer is adaptable to satisfy the unique needs of your operations because of its adjustable temperature and speed controls. Our Drum Dryer is a tribute to our dedication to quality and scientific innovation, suitable for any business requiring efficient drying, be it food processing, chemical manufacture, or another.

Imperial Dryer

When it comes to industrial drying solutions, Imperial Dryer is a standard of quality, known for its creativity and efficiency. This innovative dryer, meticulously created by our talented engineers, combines modern technology with a sturdy construction to ensure maximum performance and longevity. With its intuitive interface, the Imperial Dryer facilitates easy operation and exact control over drying conditions. It is designed to satisfy the many demands of contemporary industry. Its innovative capabilities, which make it a great option for a variety of applications, include clever moisture sensors, large drying chamber, and energy-efficient heating elements.

Infrared Dryer

When it comes to drying technology, our Infrared Dryer is the best available combination of performance and efficiency. Kerone dryer offers quick and complete drying of a range of materials, including coatings and fabrics, by utilizing the most advanced infrared technology. Because of its creative design, which maximizes energy efficiency while accelerating the evaporation process, infrared radiation can be used to deeply penetrate the material being dried. Infrared Dryer is a very versatile instrument that can be used in a wide range of sectors, including textiles, printing, automotive, and more, thanks to its precision controls and configurable settings. With our Infrared Dryer, you can experience unparalleled speed, efficiency, and dependability— by providing the best drying solutions possible.

Spray Dryers

Spray dryers are innovative machines that are vital to many sectors because of how well they atomize liquids and evaporate them under controlled conditions to turn them into dry particles. Modern technology is featured in our company's, which has been meticulously designed for maximum dependability and performance. Our Spray Dryers are engineered to meet a wide range of needs. They provide unmatched accuracy in controlling particle size, guaranteeing reliable results in a variety of sectors, including chemicals, food and beverage, and pharmaceuticals. Our Spray Dryers excel at increasing production while upholding strict quality standards because of their configurable configurations that are suited to individual client requirements.

Fish Dryer

Introducing our Fish Dryer, revolutionizing seafood preservation with expert craftsmanship and innovative technology. Designed to maintain original flavors and nutrients while extending shelf life, it ensures ideal drying conditions. With precise humidity and temperature control, it delivers reliable and effective drying outcomes. Customizable for any size fish processing company or small-scale fishermen, it offers versatility in capacity. Built for performance and longevity, it guarantees years of trouble-free use. Elevate your seafood preservation techniques with our Fish Dryer, where quality and innovation converge.-can up the ante on your seafood preservation techniques.

Conventional Dryer

The conventional dryer is an icon of dependability and efficiency in the field of textile treatment. Our Conventional Dryer, meticulously crafted and engineered to satisfy the needs of modern industrial facilities, is the epitome of efficiency and simplicity. Its innovative heating elements and user-friendly settings provide quick drying cycles without sacrificing the best possible fabric integrity. Because of its sturdy design, which ensures longevity, we are reliable in commercial and manufacturing facilities. Our Conventional Dryer, which prioritizes functionality and customer comfort, is an indication of our dedication to excellence and creativity.

Flash Dryer

Introducing our Flash Dryer - the epitome of efficiency and innovation in industrial drying solutions. Designed to meet diverse industry needs, it ensures unmatched efficiency, accuracy, and reliability. This technical marvel accelerates moisture evaporation with rapid drying technology, enhancing production operations and delivering superior quality output. With innovative controls and a sturdy design, our Flash Dryer offers outstanding performance and adaptability for various materials, including powders and granules. Its energy-efficient operation and compact design make it a pillar of sustainable manufacturing, lowering operating costs and environmental impact. Trust our Flash Dryer to revolutionize your drying processes and set new standards for quality and productivity.

Fluid Bed Dryer

Introducing our innovative Fluid Bed Dryer - the epitome of industrial drying solutions. Designed to accommodate various applications from food processing to pharmaceuticals, it sets the standard for speed and adaptability. Using the fluidization process, it ensures consistent drying of granular materials, powders, and crystalline substances by suspending them in a rising stream of hot air. With precise temperature control and adjustable airflow, our Fluid Bed Dryer minimizes drying times while preserving the integrity of delicate materials. Built with a sturdy construction, it guarantees longevity and requires minimal maintenance. Experience efficiency and reliability with our Fluid Bed Dryer.

Rotary Dryer

Introducing Kerone Rotary Dryer - the perfect blend of productivity and ingenuity catering to diverse drying needs across industries. With unmatched performance and innovative technology, our Rotary Dryer boasts a sturdy structure for longevity and superior energy utilization. Versatile in application, it suits a wide range of commodities, from agricultural products to minerals. Environmentally responsible with user-friendly controls, it enhances production while prioritizing sustainability. Experience efficiency and durability with Kerone Rotary Dryer.

Sludge Dryer

Introducing Kerone's modern Sludge Dryer, a breakthrough in waste management innovation. Affordable and sustainable, it tackles sludge disposal challenges with precision engineering, reducing moisture content through modern drying procedures. Our commitment to environmental responsibility ensures maximum performance with minimal energy consumption, promoting affordability and eco-friendliness. With user-friendly controls and robust features, it simplifies the drying process, enhancing production and operational efficiency. Adapt waste management practices with our Sludge Dryer, advancing towards environmentally friendly and sustainable operations.

Microwave Dryer

Introducing our revolutionary Microwave Dryer, set to revolutionize drying across industries. Built on innovative microwave technology, it ensures maximum product quality and uniformity with unmatched moisture removal efficiency and precision. Adaptable to various materials and manufacturing needs, its programmable settings and intelligent controls guarantee smooth operation. Preserving the integrity of delicate materials, it optimizes processes and significantly reduces drying times. Easily integrated into any production line, its sturdy construction and compact design enhance productivity and profitability. Experience the latest in drying technology with our Microwave Dryer, engineered for excellence and reliability.

Hot Air Dryer

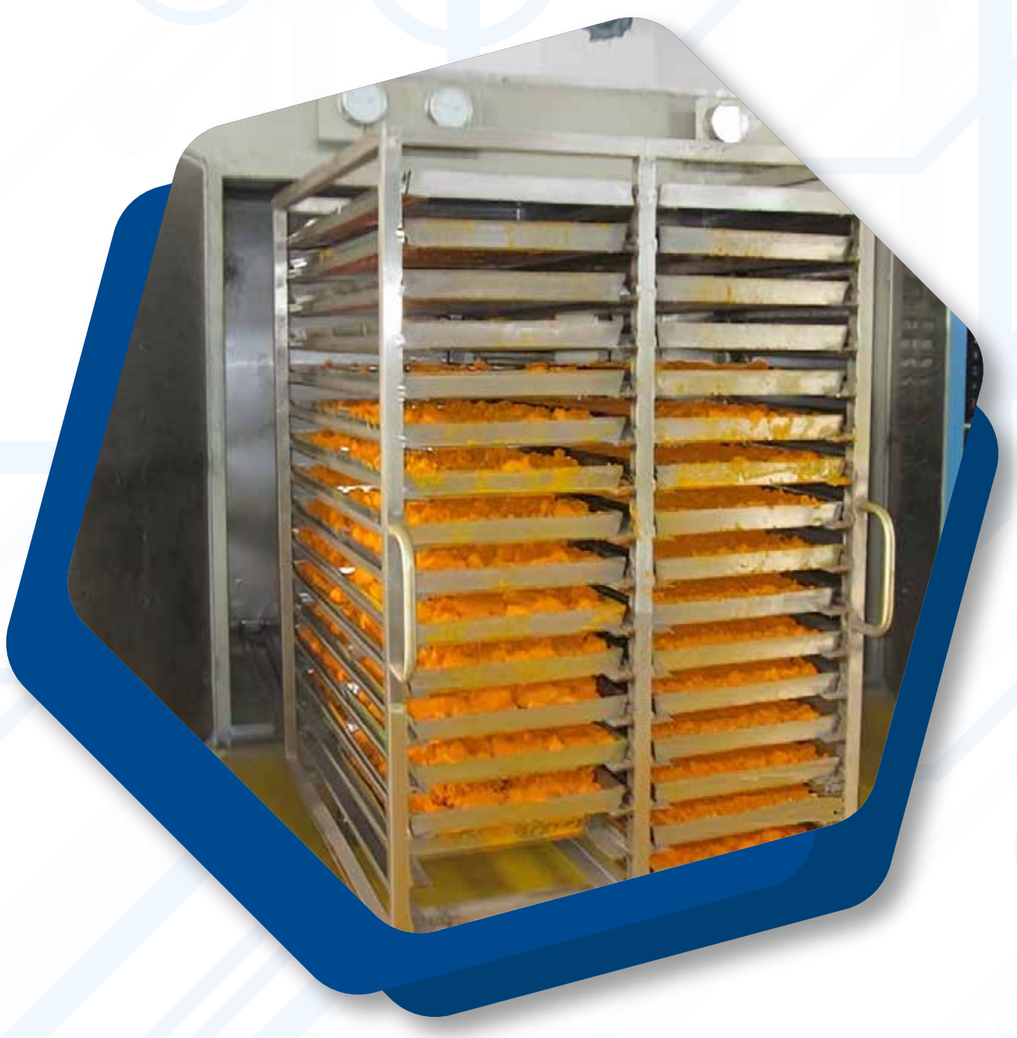
Introducing our Hot Air Dryer, transforming drying processes across industries with modern efficiency. Precision-engineered for reliability, it utilizes sophisticated hot air circulation technology for quick and even drying, meeting diverse customer demands. Maximize performance while prioritizing environmental sustainability with its thermal efficiency. Featuring an intuitive interface and adjustable settings, it offers organizations a versatile solution for quick and effective drying. Experience the ultimate in industrial drying technology with our Hot Air Dryer, enhancing production capacity effortlessly.

Food Dryer

Introducing our state-of-the-art Food Dryer, setting a new standard in food processing technology. Tailored for the food sector, its innovative features elevate food preservation to new heights while maintaining vital nutrients and flavors. Well-regulated temperature and airflow systems ensure uniform drying across various food types, from fruits and vegetables to meats and herbs. Designed for industrial-scale operations, our Food Dryer offers unparalleled flexibility and durability to meet demanding requirements. Experience the highest levels of quality and effectiveness for your food drying needs with our Industrial Food Dryer.

Tunnel Dryer

Introducing our Tunnel Dryer, a pinnacle of productivity and innovation revolutionizing drying procedures. Crafted with precision and technological excellence, it delivers unmatched quality and performance. Its advanced design enables rapid drying of various materials with minimal energy consumption. The tunnel arrangement ensures consistent and uninterrupted drying, enhancing output in food processing and textiles. Robust construction guarantees longevity, while intelligent controls allow for smooth operation and customization. Increase your production capacity with our Tunnel Dryer, a testament to our commitment to providing exceptional solutions that propel your company forward.



Tray Dryer

Introducing our Tray Dryer, an epitome of drying technology designed to meet diverse industrial demands. Meticulously crafted for efficiency, it ensures optimal drying outcomes across a variety of items. With adjustable trays to accommodate different batch sizes, its uniform and rapid drying capability maintains consistent product quality. Built sturdy with a user-friendly interface, it exemplifies our commitment to operational excellence. Increase your production capacity with our Tray Dryer, where quality and efficiency converge to elevate your processes.

Process Equipment's / Plant

A vital field of expertise for our organization is Process Equipment, which combines precision engineering and modern technology for a range of industrial uses. Modern facilities at our company are built to produce high-quality equipment that satisfies exacting industry standards. Our extensive selection of process equipment, which includes heat exchangers, pressure vessels, reactors, and distillation columns, meets the demands of numerous industries, including the food processing, chemical, and petrochemical sectors. Every component is subjected to stringent quality control procedures and conforms to the most recent safety guidelines, guaranteeing dependability and superior performance. Process Equipment is a reliable partner in increasing operational effectiveness and propelling advancement in a variety of global industries because to its dedication to innovation and customer satisfaction.

Types of Process Equipment's / Plant

- Reactors
- Powder Transfer System
- CIP/SIP Systems
- Pilot/Lab Scale Plants
- Skid Mounted Process Units
- Screw Feeder/Blender
- Mixing Plants And Batching System
- Bag House Filter
- Process Plant
- Hot melt Adhesive Plants
- PE Wax Plants
- Sulphur Melting Plants

Reactors

Industrial reactors facilitate atomic reactions, particularly the fission of heavy nuclei like uranium or plutonium, releasing substantial heat energy. This energy, harnessed in nuclear power plants, generates electricity through steam-driven turbines. Beyond power generation, industrial reactors produce medical isotopes, conduct materials testing, and enable scientific research in nuclear physics and chemistry. Their versatility underscores their vital role in meeting energy needs and driving technological and scientific progress.

Powder Transfer System

A powder transfer system is a mechanical device utilized in industries to move granular or powdered materials efficiently. It employs pneumatic or mechanical conveyors such as screw conveyors, belt conveyors, or pneumatic systems. These systems find wide application in agriculture, food processing, chemical manufacturing, and pharmaceuticals. They streamline production processes, ensuring smooth material flow and operational efficiency. Their versatility and reliability make them indispensable components of modern industrial setups, where the accurate transfer of powders is essential for meeting stringent quality and productivity standards.

CIP/SIP Systems

CIP (Clean-in-Place) and SIP (Sterilize-in-Place) systems are commonly used in various industries, particularly in food and beverage, pharmaceuticals, and biotechnology, to clean and sanitize equipment without disassembly.

Cleaning agents, temperature, and turbulent flow are combined in CIP systems to automatically clean process equipment, including pumps, pipelines, and tanks.

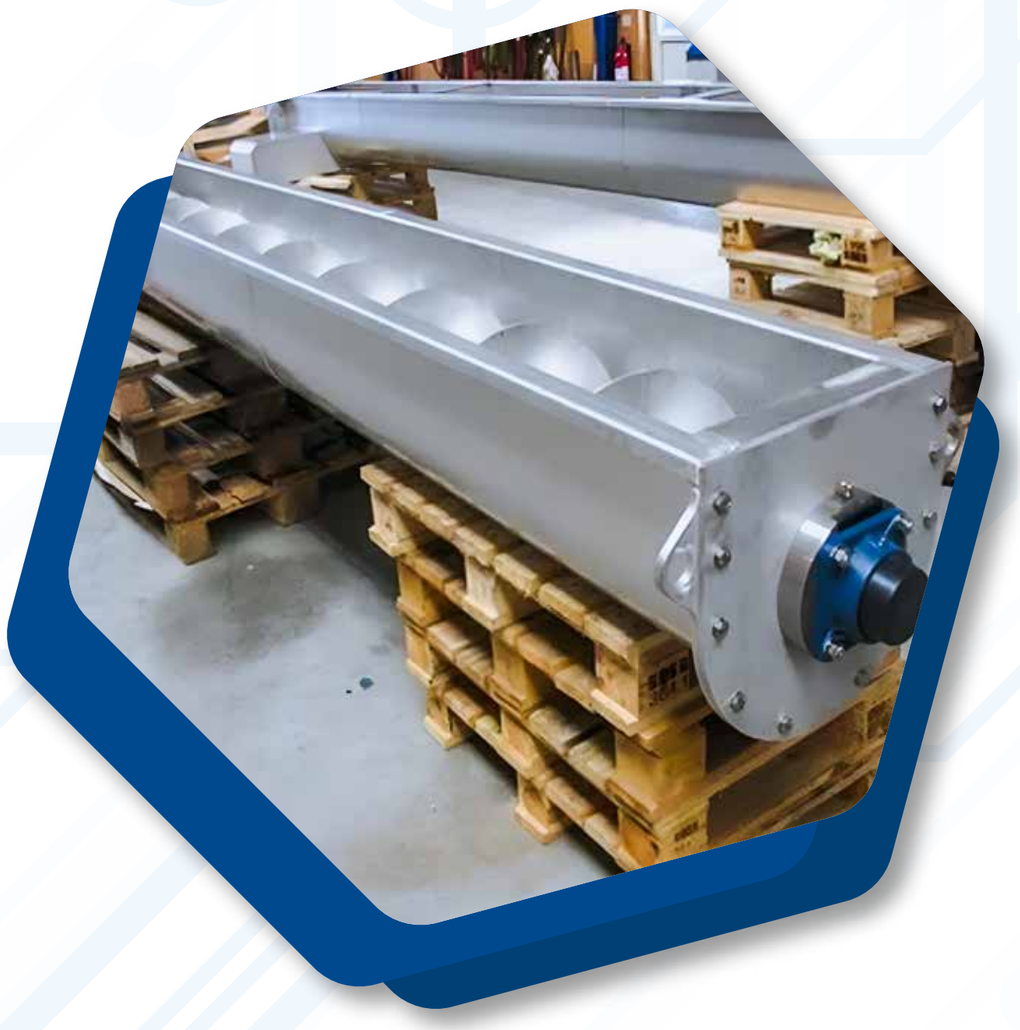
SIP systems, on the other hand, concentrate on sterilizing equipment through the use of steam and high temperatures and pressure.

Pilot/Lab Scale Plants

Pilot and lab-scale plants offer vital testing grounds for new products, services, and technologies before full-scale production. They replicate industrial settings on a smaller, cost-effective scale, enabling controlled experimentation and optimization. These facilities provide invaluable insights into process behavior, identify potential hazards, and refine operations without the risks of large-scale implementation. By systematically testing and refining in pilot plants, engineers and researchers ensure the efficiency and success of subsequent full-scale production processes. In doing so, they drive innovation and progress across diverse industries.

Skid Mounted Process Units

Skid-mounted process units represent a hallmark of efficiency and adaptability in industrial settings. These compact, pre-assembled systems offer a turnkey solution for processing needs across diverse industries. Their single-skid construction simplifies transportation, installation, and integration into existing workflows, significantly reducing downtime and operational complexities. Industries requiring modular and scalable solutions, including oil and gas, chemical processing, pharmaceuticals, and water treatment, benefit greatly from the versatility of skid-mounted units.By streamlining processes and enhancing flexibility, skid-mounted process units contribute to increased productivity, cost-effectiveness, and operational agility in dynamic industrial environments.



Screw Feeder/Blender

A screw feeder/blender is a mechanical device that is used in industrial processes to mix and precisely control bulk ingredients. It is made out of a tube or trough that has a revolving screw that is used to move and mix materials. In order to precisely measure and mix powders, granules, and other bulk materials in a variety of production processes, screw feeders and blenders are frequently used in the food processing, pharmaceutical, chemical, and plastics manufacturing industries.

Mixing Plants And Batching System

Our company specializes in innovative mixing plants and batching systems to meet diverse industry demands. Our meticulous construction ensures precise, efficient, and reliable batches. Advanced technology in our systems guarantees unmatched precision in material measurement and dispensing, ensuring uniformity throughout production cycles. Our plants handle various materials and offer flexibility for different industries. Integrated batching systems automate processes, enhancing accuracy and consistency. We strive to provide state-of-the-art solutions that optimize production processes, driving efficiency and quality for our clients across industries.

Bag House Filter

Baghouse filters, also called fabric filters, are vital tools for controlling air pollution in industrial settings. They use fabric bags to capture particulates from exhaust fumes, improving air quality and ensuring compliance with environmental regulations. Widely used in industries like power generation, steel, cement, and pharmaceuticals, these filters mitigate emissions of harmful particles. Their design and materials vary based on industry needs, and regular maintenance is crucial for optimal performance. Baghouse filters play a pivotal role in reducing air pollution, protecting public health, and preserving the environment.

Process Plants

Process plants are different kinds of industrial facilities that use a variety of physical, chemical, and biological processes to convert chemicals or raw materials into products that are useful. These plants are essential to the production of many different items, such as food and drink, chemicals, medications, and petroleum products. To accomplish the intended transformations effectively and safely, they usually require intricate systems of machinery, pipes, controls, and equipment.

Hot Melt Adhesive Plants

Hot melt adhesive plants are dedicated facilities designed for the production of thermoplastic polymers, essential for bonding applications across diverse industries. These plants operate with state-of-the-art equipment and rigorous procedures to manufacture hot melt adhesives in bulk quantities. The production process involves melting solid adhesive ingredients into a liquid state, precisely incorporating necessary modifiers and additives, followed by cooling the adhesive to its final form before packaging for distribution. With meticulous attention to detail and quality control measures, hot melt adhesive plants ensure consistent and reliable output to meet the demands of various industrial sectors.

PE Wax Plants

Polyethylene wax, a versatile polymer, finds widespread application across multiple industries such as plastics, coatings, adhesives, and rubber processing. It is meticulously produced in specialized facilities known as PE Wax Plants. Within these plants, polyethylene undergoes advanced refining processes, employing cutting-edge manufacturing techniques to create high-quality wax. The resulting wax exhibits exceptional properties, including low viscosity, a high melting temperature, and robust resistance to chemicals and moisture. From enhancing the flow and gloss of coatings to improving the processing characteristics of plastics and rubbers, polyethylene wax plays a pivotal role in enhancing product performance and quality across diverse industries.

Sulphur Melting Plant

We use innovative technologies and rigorous standards of quality at our Sulphur melting plant to guarantee the greatest levels of environmental responsibility, efficiency, and safety. Sulphur Melting Plant is designed specifically to transform solid Sulphur into liquid so that it may be stored, transported, and used in a variety of industries. Usually, these facilities use sophisticated heating and melting techniques to liquefy sulfur, making it suitable for handling and incorporation into industrial processes including chemical synthesis, fertilizer manufacturing, and petroleum refining.

Cold Plasma

We at Kerone offer a revolutionary technology called cold plasma. Through the use of innovative scientific concepts, Cold Plasma produces a special kind of energy that, when combined with heat and chemicals, may efficiently sterilize and disinfect a variety of surfaces and situations. By not producing any hazardous leftovers or byproducts, this creative method is safe for the environment. The various demands of various industries, including manufacturing, food processing, healthcare, and more, are catered to by our Cold Plasma systems. Cold Plasma technology is an innovative technique to sanitation and hygiene, as it can destroy a broad variety of pathogens, such as bacteria, viruses, and fungi. Put your faith in our knowledge and apply Cold Plasma technology for the highest level of safety and cleanliness in your business operations.

Types of Cold Plasma

- Cold Plasma for Sterilization
- Atmospheric Plasma for Food Preservation
- Cold Plasma for Food Sterilization
- Cold Plasma & Non-Thermal Plasma for Food preservation
- Non-Thermal Atmospheric Plasma for Sterilization

Cold Plasma for Sterilization

Cold plasma sterilization provides innovative solutions for a variety of sterilizing requirements. A modern method of sterilizing, cold plasma technology uses ionized gas to destroy microorganisms while preserving material integrity. We offer dependable sterilization solutions for labs, pharmaceutical firms, healthcare facilities, and more using our cutting-edge Cold Plasma technology.

Atmospheric Plasma for Food Preservation

When it comes to creative food preservation methods, atmospheric plasma technology leads the way since it provides unmatched benefits for increasing the safety and shelf life of perishable foods. With its low influence on taste, texture, and overall quality, this innovative technology makes it an excellent option for food makers and distributors that want to satisfy customer desires for longer-lasting, healthier food options while also meeting strict safety regulations.

Cold Plasma for Food Sterilization

A screw feeder/blender is a mechanical device that is used in industrial processes to mix and precisely control bulk ingredients. It is made out of a tube or trough that has a revolving screw that is used to move and mix materials. In order to precisely measure and mix powders, granules, and other bulk materials in a variety of production processes, screw feeders and blenders are frequently used in the food processing, pharmaceutical, chemical, and plastics manufacturing industries.

Cold Plasma & Non-Thermal Plasma for Food Preservation

Solutions for food preservation using cold and non-thermal plasma are altering the way perishable items are stored and extended in shelf life. Ionized gases are used in cold plasma technology to disinfect and clean food surfaces without affecting its flavor, texture, or nutritional value. In contrast, non-thermal plasma uses energetic particles to eliminate mold, germs, and other microbes from packed foods, increasing the shelf life and guaranteeing product safety without the need for high temperatures.

Non-Thermal Atmospheric Plasma for Sterilization

An innovative method of sterilizing surfaces that uses ionized gas to remove dangerous microorganisms without the need of heat is called Non-Thermal Atmospheric Plasma (NTAP) technology. Our sterilization systems ensure the highest levels of cleanliness and safety in a variety of industries, including healthcare, food processing, and manufacturing, by utilizing the power of NTAP to provide unprecedented efficacy against a wide spectrum of germs.

Industrial Ovens

Our industrial ovens are built to fulfill the rigorous requirements of contemporary manufacturing processes, making them the epitome of dependability and efficiency. Our ovens, which are made with modern technology and precise engineering, provide unmatched performance for a variety of uses. Our industrial ovens are excellent at providing constant and uniform heat distribution for a variety of applications, from baking and annealing to curing and drying, guaranteeing greater product quality and throughput. Constructed with durable materials and innovative technologies, they are designed to endure intensive use while preserving maximum energy efficiency. Our dedication to quality is evident in every facet of our industrial ovens, offering our clients dependable solutions that increase output and profitability. You can rely on our industrial ovens to precisely and dependably meet even the most demanding heating needs.

Types of Industrial Oven

- Batch Industrial Oven
- Continuous Industrial Oven
- Plastic Annealing Oven
- Drum Heating Oven
- Electric Oven for HT/LT Motors

Batch Industrial Oven

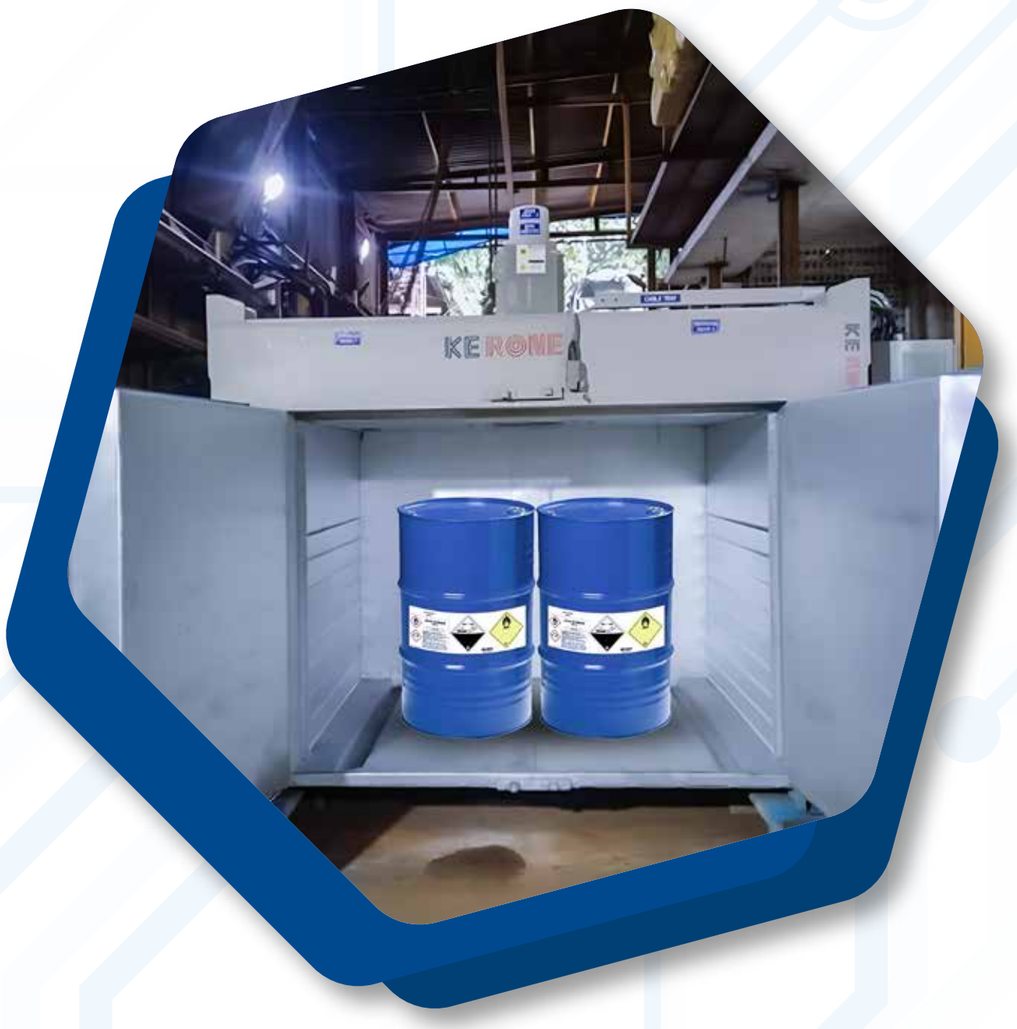
The cornerstone of accuracy and efficiency in industrial heating systems is the batch industrial oven. Designed for maximum performance, longevity, and adaptability, our oven is a prime example of batch processing innovation. Made with high-quality materials and innovative technology, it guarantees even heating and strict temperature control for a wide range of industrial uses. Our oven can be used for curing, drying, annealing, or baking, and it consistently produces results that match the high standards of a variety of industries. Its intuitive interface prioritizes energy conservation and safety while enabling smooth operation.

Continuous Industrial Oven

Continuous Industrial Oven, which sets the standard of accuracy and efficiency in thermal processing for a wide range of industrial uses. Our oven is made with innovative technology and meticulous attention to detail. It is intended to work smoothly with your manufacturing line, providing a consistent and continuous heat treatment for a range of materials. This oven provides unmatched temperature control thanks to its sturdy design and innovative technologies, enabling the best possible product quality and consistency. Its adaptable architecture satisfies a wide range of throughput demands, which makes it the perfect choice for sectors including electronics manufacturing and food processing.

Plastic Annealing Oven

Kerone Plastic Annealing Oven is an innovative product made to precisely match the requirements of contemporary industrial procedures. Our oven, which is made with great care and attention to detail, provides unmatched annealing performance for plastic materials. Its sophisticated temperature control systems allow even heat distribution throughout the chamber, avoiding material distortion and ensuring reliable results. Because of its sturdy design and intuitive interface, it is a priceless tool for businesses where exact heat treatment of plastic components is necessary. Put your faith in our know-how and creativity to unleash the full potential of your producing skills.



Drum Heating Oven

Kerone Drum Heating Oven provides dependable and effective heating solutions. The precision engineering and long-lasting construction guarantee consistent heating throughout the barrels, enhancing operations in sectors including food processing, chemicals, and pharmaceuticals. Our ovens, which come with adjustable temperature controls and safety features, offer a regulated setting for heating drums of various sizes and compositions, preserving product quality and optimizing operating effectiveness. Our Drum Heating Oven, with its innovative design and high-quality craftsmanship, is a valuable tool for any business looking to provide better heating solutions.

Electric Oven for HT/LT Motors

Kerone Electric Oven for HT/LT Motors, which is made to meet the various demands of the commercial and industrial sectors, is a symbol of accuracy and dependability. Our ovens are designed with modern technology and meticulously to every detail, guaranteeing long-term and optimal performance for both low- and high-tension (HT) motors. These ovens, which are built to rigorous specifications, offer motor components a regulated environment that makes drying, curing, and insulating operations more effective. Our electric ovens' strong construction and adjustable temperature settings ensure reliable results every time, improving the performance and longevity of HT/LT motors in a range of applications.

We Manufacture Other different Types of Oven

- Conveyor Ovens
- Curing Ovens
- Direct Gas Ovens
- Drying Ovens
- Infrared Ovens
- Microwave Ovens
- Tunnel Ovens
- Vacuum Ovens
- Laboratory Ovens

Microwave Heating System

Introducing our innovative microwave heating technology, which provides precise, quick heating for a variety of sectors. It ensures consistent outcomes with minimal energy use thanks to its unparalleled speed and homogeneity. Modern safety measures provide peace of mind, while customizable settings cater to a variety of demands. Our technology raises the bar for performance and innovation in a variety of fields, including materials science and food processing. Discover the heating technology of the future—where brilliance and efficiency collide.

Types of Microwave Heating System

- Microwave Solid State Generator
- Microwave Sterilisation
- Microwave Chamber Dryer
- Microwave Vacuum Technology
- Microwave Pyrolysis Rotary Furnace Oven

Microwave Solid State Generator

Microwave Solid State Generator, the pinnacle of electromagnetic technological advancement. It is precision, dependability, and efficiency combined into one machine designed for industrial revolutions. It delivers microwave energy with unparalleled accuracy by utilizing solid-state circuitry. With its unmatched performance and versatility, it may be used in everything from telecommunications to material processing. Its sophisticated controls and small form factor guarantee a seamless integration that boosts output while cutting expenses.

Microwave Sterilisation

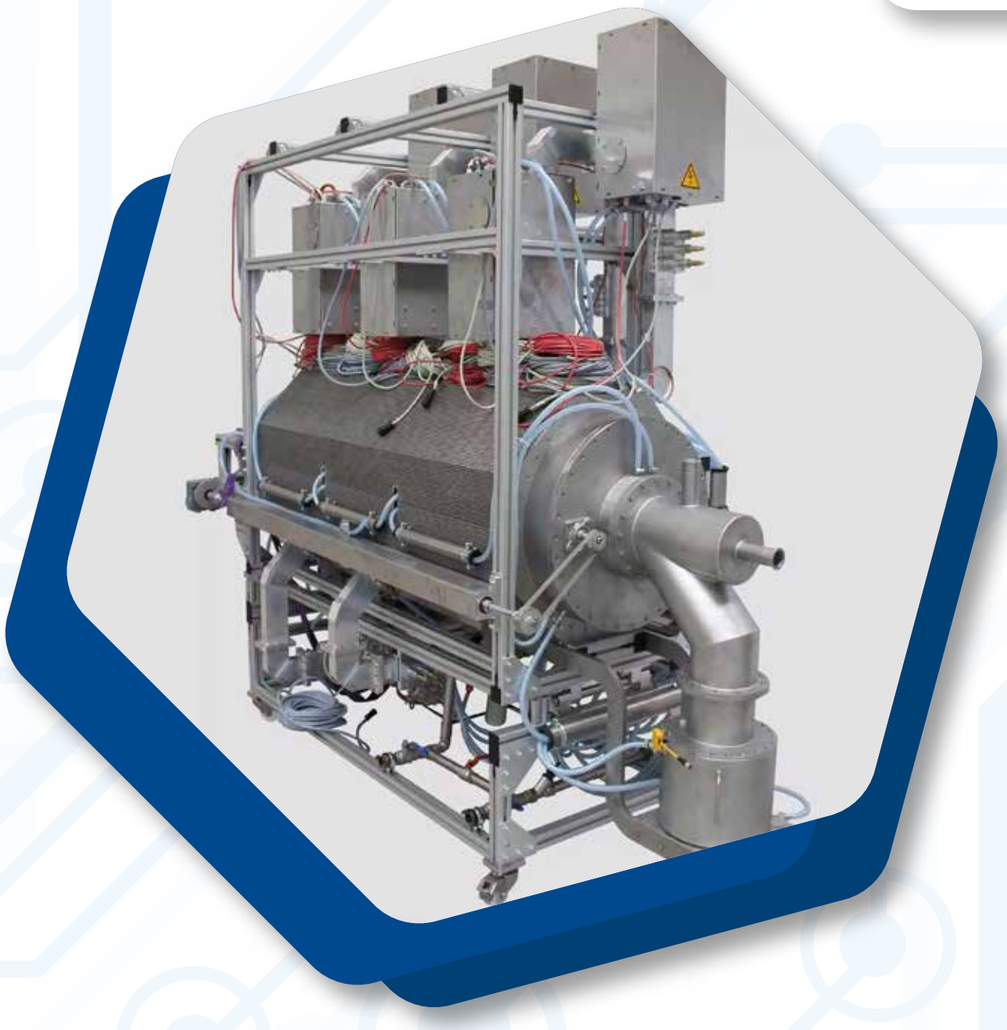
Our sterilizing technique is the best in food processing, using microwave radiation to ensure efficiency and safety. It quickly eradicates bacteria and viruses while retaining the nutrients and flavor of food. Our methods provide exact control and reliable outcomes for fruits, meats, and other products. Our knowledge of microwave technology allows us to meet safety regulations while optimizing quality and shelf life. Our solutions supply easy, nutritious, and safely preserved foods, enabling producers to meet modern demands.

Microwave Chamber Dryer

We are proud to present our Microwave Chamber Dryer, a ground-breaking invention that is transforming drying procedures. It quickly and evenly dries a variety of materials using advanced microwave technology, maintaining product integrity while using less energy. It provides accurate temperature and moisture control for consistent, dependable outcomes and is adaptable to a wide range of sectors, including food, pharmaceuticals, ceramics, and textiles. Unmatched effectiveness and a decrease in environmental impact are experienced. Increase the quality of your operations with our innovative dryer.

Microwave Vacuum Technology

By combining a vacuum and microwave radiation, microwave vacuum technology (MVT) redefines industrial operations. Deep material penetration speeds up drying, heating, and processing while maintaining consistency. MVT preserves material quality by reducing oxidation in a vacuum. From food to the synthesis of materials, it provides sustainability and efficiency. Adopting MVT encourages innovation in production and research while increasing productivity, reducing energy consumption, and improving product quality.



Microwave Pyrolysis Rotary Oven

Microwave Pyrolysis Rotary Furnace Oven, it provides unparalleled thermal processing by combining the precision of a rotating furnace with the ease of microwave technology. It effectively converts organic materials into biochar, syngas, and bio-oil by the use of microwave pyrolysis. The rotating design optimizes material exposure and process consistency by ensuring uniform heating. Our oven prioritizes sustainability while adapting to a variety of production needs thanks to its robust controls and customizable settings. Discover the ultimate in thermal processing innovation that increases profitability and efficiency. With our innovative solution, embrace the future of efficient and sustainable operations with us.

We Manufacture Other different Types of Heating Systems

- Microwave Medical Waste Treatment
- Microwave Dryer for Chemical Powder
- Microwave Rubber Mould Preheating Systems
- Microwave/Infrared Rubber Vulcanization Line
- Microwave Solid Tyre Preheating Systems
- Microwave Heating for Food
- Microwave Heating For Rubber
- Microwave Heating for Textile
- Microwave Heating for Minerals Processing
- Microwave Heating in Pharmaceutical
- Microwave Heating For Wood
- Microwave Chemical Vapour Deposition System
- Microwave Plasma Technology
- Microwave Air Jet Plasma
- Microwave Chamber Furnace

Industrial / Commercial Dehydrators

Kerone specializes in offering innovative industrial/commercial dehydrators that are customized to satisfy the demands of many sectors. Our carefully crafted dehydrators effectively eliminate moisture from an extensive variety of goods, such as fruits, vegetables, meats, herbs, and more. Our dehydrators, which are outfitted with innovative technology and meticulous engineering, deliver optimal drying outcomes while maintaining the nutritional value and quality of the items. They operate with consistent performance and dependability. Our dehydrators are the backbone of many food processing operations, allowing businesses to increase productivity, extend shelf life, and meet the demands of a constantly changing market. Their adjustable features and capacities suit a wide range of production requirements. Put your faith in our experience and commitment to excellence as we work to provide your company with state-of-the-art dehydration solutions.

Types of Dehydrators

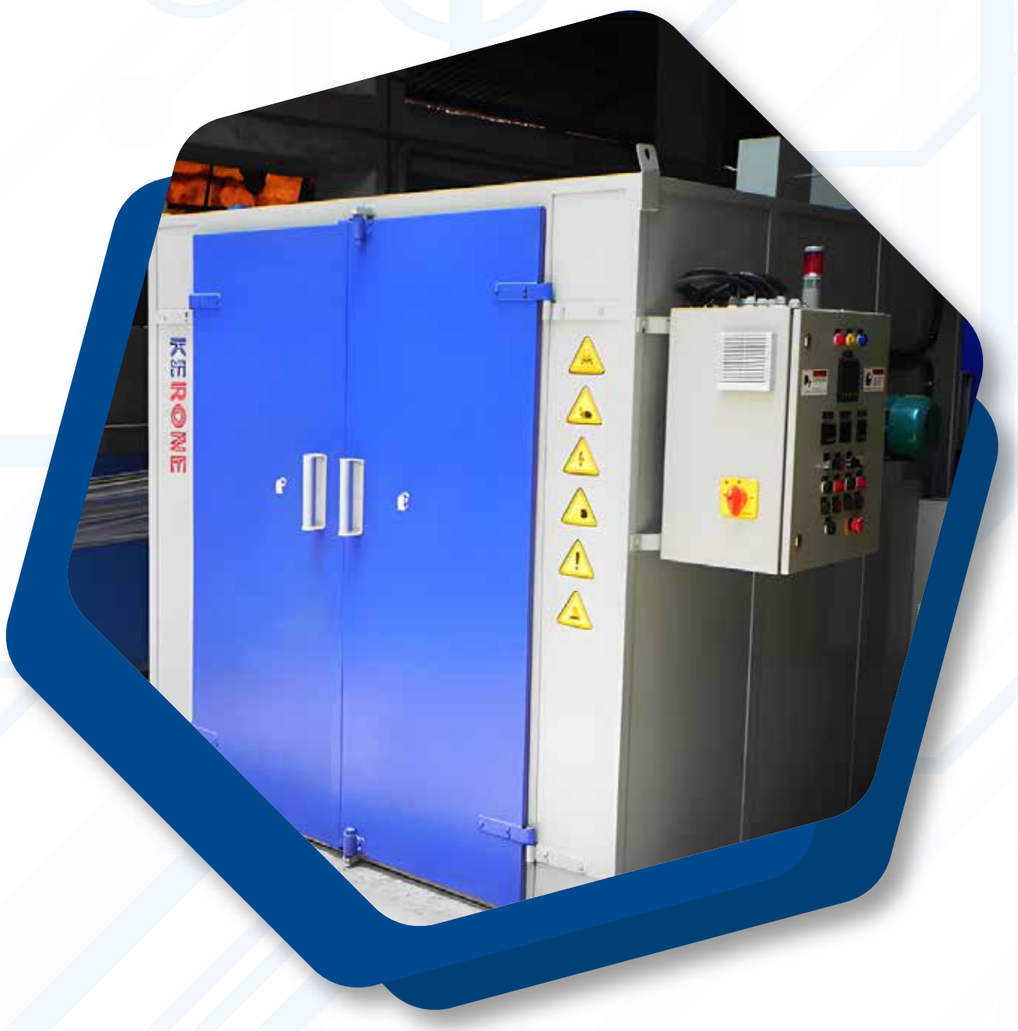
- Tunnel Dehydrator
- Conveyorised Dehydrator
- Batch Type Dehydrator

Tunnel Dehydrator

The innovative tunnel dehydrator is meant to completely transform the methods used for food preservation. Our tunnel dehydrator, which is made with innovative technology and precise engineering, provides unmatched dependability and efficiency for drying a variety of food items. Its sophisticated design guarantees even temperature distribution and ventilation, ensuring consistent dehydration outcomes between batches. Our Tunnel Dehydrator is an essential tool for high-quality food preservation, regardless of your size as a company or small business.

Conveyorised Dehydrators

When it comes to food drying technology, Conveyorised dehydrators are the pinnacle of effectiveness and accuracy. Our dehydrators, which are engineered to satisfy the requirements of contemporary food processing, feature a smooth conveyor system that guarantees consistent drying of all kinds of produce. Our dehydrators preserve the natural flavors and nutrients of fruits, vegetables, meats, and herbs while increasing their shelf life. We guarantee consistent results every time.



Batch Type Dehydrator

The Batch Type Dehydrator is a vital component of our product range, representing accuracy and efficiency in the dehydration of food. Modern engineering provides unmatched performance in the preservation of fruits, vegetables, and other food items. Our dehydrator meets a variety of production needs with its easy-to-use interface and adjustable parameters that guarantee reliable output batch after batch. Our Batch Type Dehydrator is built to last a lifetime thanks to its premium materials, which makes it a valuable asset for food processing enterprises all over the world. Our dehydrator is perfect for every stage of the dehydration cycle, from small-scale operations to large-scale manufacturing. It makes the process of going from harvest to shelf seamless.

Biochar Processing Line

Biochar Processing Line has been designed to effectively and sustainably convert organic waste into premium biochar. Our processing line's primary technology is advanced pyrolysis, which uses heat and no oxygen to break down biomass and produce syngas, charcoal, and bio-oil. By precisely controlling temperature, residence duration, and feedstock composition, our painstakingly designed line optimizes the production process for the highest caliber of biochar. Our processing line is an environmentally sustainable option for waste management and soil enrichment since it eliminates emissions and maximizes resource use, all while maintaining a commitment to environmental stewardship. Our Biochar Processing Line provides a flexible and scalable solution to satisfy a range of needs while encouraging sustainability and the ideas of the circular economy, from forestry by-products to agricultural leftovers. Join us as we use our innovative biochar processing technology to transform waste management and cultivate healthier soils.

Types of Biochar Processing Line

- Biochar Processing from Wood
- Biochar Processing from Organic Waste

Biochar Processing from Wood

We specialize in converting wood biomass into premium biochar using advanced, eco-conscious methods, ensuring meticulous transformation in our innovative facilities. Sustainability guides every aspect, from sourcing to delivery, as we minimize waste and emissions, fostering a circular economy. Biochar's significance lies in its ability to enhance soil fertility, water retention, and microbial activity, promoting sustainable food production and environmental remediation through carbon sequestration. Pioneering sustainable resource utilization, we continuously explore new applications for biochar through research and development, catalyzing global change. Our commitment to excellence drives us to redefine sustainability, shaping a future where innovation harmonizes with nature for the benefit of all. Join us on this transformative journey.

Biochar Processing from Organic Waste

At Kerone, we use innovative, sustainable methods to convert organic waste into premium biochar, completely revolutionizing the waste management industry. Our modern machinery guarantees the effective transformation of green waste, food scraps, and agricultural wastes into a useful material that is rich in carbon. In addition to sequestering carbon, biochar—a porous material that resembles charcoal—improves soil fertility and encourages plant growth.

Radio Frequency Heating System

Radio Frequency (RF) Heating System delivers innovative technology at the forefront. Our technology efficiently warms materials with control and accuracy, meeting the needs of many industrial applications, by utilizing electromagnetic waves in the radio frequency band. Our RF Heating System maximizes productivity, minimizes energy use, and provides uniform heating for any application—drying, curing, or bonding. Our system is designed to deliver optimal performance and versatility to satisfy the many demands of contemporary manufacturing environments. It is equipped with sophisticated features and customizable options. With our innovative RF Heating System, which is making waves in the efficiency and innovation of industrial heating solutions, you may experience increased productivity, dependability, and cost-effectiveness.

Types of RF Heating System

- RF Batch Dryer
- RF Continuous Dryer

RF Batch Dryer

The RF Batch Dryer is an innovative invention that simplifies drying procedures for a range of industries. In order to ensure the highest possible level of quality and consistency in the finished product, our RF Batch Dryer provides unmatched efficiency and precision in the removal of moisture from a variety of materials. This dryer uses innovative radio frequency technology to function at a remarkable speed, greatly cutting drying periods as compared to traditional techniques. Our RF Batch Dryer is the industry standard for dependability, efficiency, and productivity in drying applications, from food processing to pharmaceuticals and beyond.

RF Continuous Dryer

In the field of industrial drying solutions, the RF Continuous Dryer is a symbol of efficiency and innovative technology. This dryer is the epitome of precision, creativity, and dependability, having been engineered by our team of hardworking specialists. It guarantees consistent drying of a range of materials, including food items, chemicals, fabrics, and more, by utilizing the power of radio frequency (RF) technology. It uses less energy and produces consistent results, making it an environmentally responsible option for both bulk materials and commodities that are sensitive to moisture.

Production Line

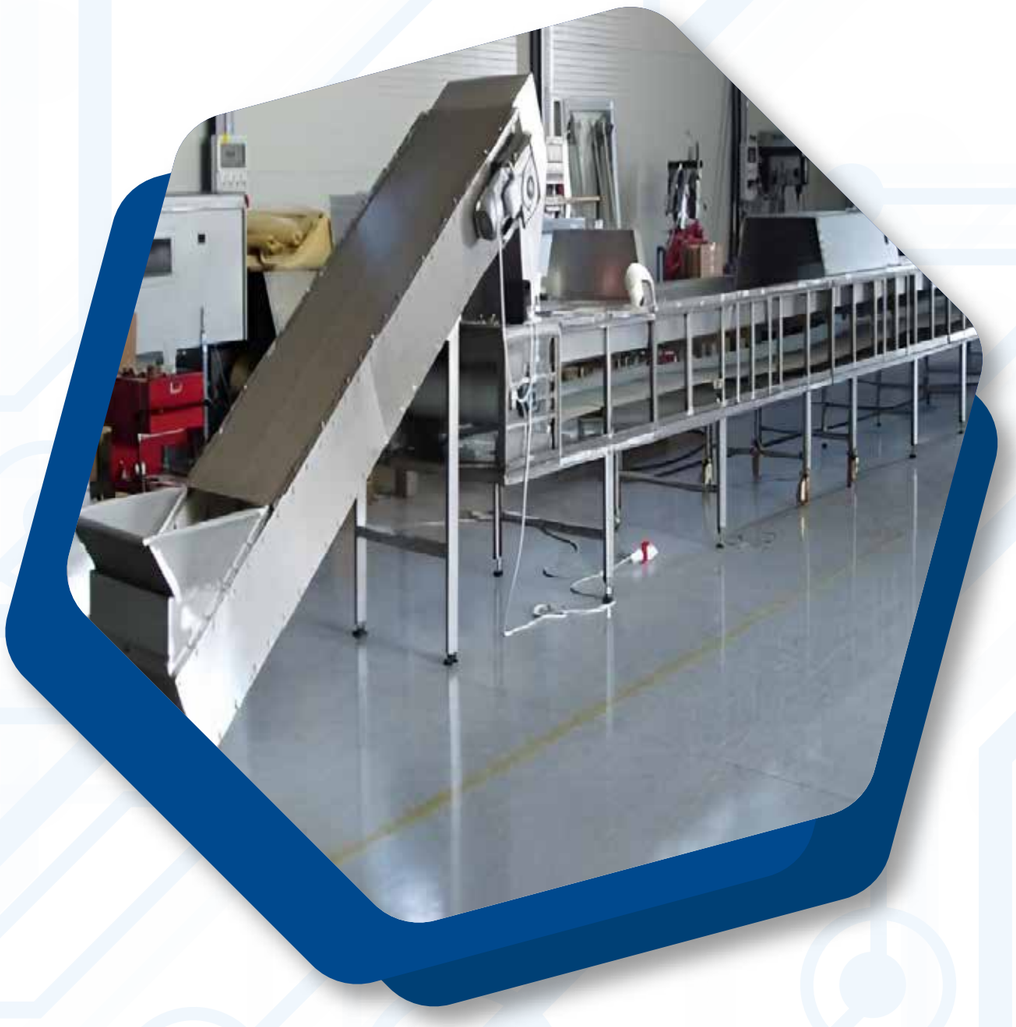
Our production line epitomizes precision and efficiency, meticulously planned from raw material sourcing to final product delivery. With a team of highly skilled professionals and cutting-edge technology, we ensure unwavering quality assurance and adherence to industry standards. Our commitment extends beyond production, encompassing sustainability practices and customer-centricity. Through ongoing innovation and sustainable initiatives, we strive to exceed expectations, foster lasting partnerships, and pioneer industry advancements. Our dedication to excellence is not just a commitment—it's a mindset that drives us to continually raise the bar and redefine industry norms, ensuring that each product embodies our unwavering pursuit of perfection.

Types of Production Line

- Food Processing Line
- Microwave Food Processing/ Production Line
- Infrared Food Processing/Production Line
- Cereal Processing Plant
- Nutritional Retention
- Ready to Eat Meals Food Processing Plant

Food Processing Line

Kerone Food Processing Line is the epitome of precision and efficiency in contemporary food production. It guarantees the highest level of quality and safety from preparation to packaging thanks to its integration of innovative technology and industry-leading knowledge. Modifiable modules serve a variety of food industries, maximizing productivity without sacrificing the quality of the ingredients. Our line, which places a strong emphasis on productivity, hygiene, and dependability, enables customers to succeed in the cutthroat market.



Microwave Food Processing

With our innovative Microwave Food Processing/Production Line, discover creativity and accuracy. It produces outstanding results for contemporary food businesses by integrating innovative technology with excellent creativity. By utilizing microwave energy, our method guarantees quick and even heating while maintaining nutritional value and taste. Our efficient procedure, which includes preparation and packaging, increases output without sacrificing the greatest levels of quality and safety. Our range is the gold standard for food manufacturing quality, whether it is used to produce meals, snacks, or upscale treats in large quantities.

Infrared Food Processing

Introducing our innovative Infrared Food Processing/Production Line, which will transform food processing quality and efficiency. Our system uses infrared technology to provide exact control over a range of food categories, from toasting to drying. We reduce processing times and maximize energy efficiency with remarkable speed and consistency, which leads to substantial cost savings. Our line, which is engineered with sophisticated monitoring and automation features, fits in smoothly with current settings to provide dependable performance. With our Infrared Food Processing/Production Line, food businesses can fulfill the needs of discriminating consumers while producing superior products and optimizing operations.

Cereal Processing Plant

Excellence in cereal manufacturing is embodied by Cereal Processing Plant. With innovative technology and trained personnel operating it, we guarantee accuracy and attentiveness every step of the way. Each batch satisfies the highest requirements, from meticulous quality control procedures to premium grain selection. Delivering healthy cereals that nourish and delight consumers globally, we prioritize sustainability and hygiene. Our goods represent flavor, satisfaction, and health by fusing tradition and modernity. Come along on a trip where our commitment to quality and enthusiasm for nutrition is reflected in every cereal.

Nutritional Retention

At Kerone, we prioritize nutritional integrity, safeguarding essential nutrients from farm to table through meticulous sourcing and innovative techniques. Our commitment extends to education, inspiring informed choices through engaging content and workshops. Sustainability is key, with eco-friendly practices from sourcing to packaging. Our catalogue reflects dedication, offering health-conscious choices without compromising taste or quality. With us, every bite supports a balanced lifestyle, fostering a community dedicated to well-being and sustainability.

Ready to Eat Meals

Ready to Eat Meals Food Processing Plant, where innovation in food production redefines convenience. With a focus on quality, freshness, and strict food safety regulations, our facility prepares a variety of ready-to-eat meals for contemporary lifestyles. Our menu offers superb flavor and nutrition, ranging from soups to delicious meals. As a sustainable company, we source the best ingredients with the least possible impact on the environment. Our plant raises the bar for healthy, fulfilling meals by fusing culinary creativity with practicality.

Heating and Cooling System

With our innovative Heating and Cooling Systems, enjoy the utmost in comfort. They combine efficiency and innovation to create the ideal environment, and they are engineered for outstanding performance. While optimizing energy efficiency, take pleasure in reliable winter warmth and revitalizing summer cooling. Our systems have eco-friendly characteristics for a more sustainable future since we are committed to sustainability. Enhance your environments with grace and dependability. Our extensive selection allows you to fully customize the temperature, making it the most comfortable option for all seasons.

Types of Heating and Cooling System

- Hot Water System
- Fractional Distillation
- Single Fluid Heating Cooling System

Hot Water System

Kerone Hot Water System offers dependability and efficiency, making it the perfect choice for your business's heating requirements. Designed with innovative technology, it optimizes energy use for financial savings and environmental sustainability while guaranteeing a steady supply. It provides performance, ease of maintenance, and longevity in commercial and industrial situations. Our approach minimizes operating expenses while increasing productivity and comfort, with an emphasis on quality and innovation. With our reliable solution, enjoy uninterrupted flow and peace of mind.

Fractional Distillation

Kerone provides essential solutions for petrochemicals, pharmaceuticals, and drinks, with a focus on fractional distillation. Precise temperature regulation and partial condensation guarantee excellence and purity at every stage. Our innovative equipment recovers vital components with less waste, promoting efficiency and innovation in a variety of industries. Customized solutions provide unmatched proficiency in fractional distillation for purity and accuracy while satisfying specific customer objectives.

Single Fluid Heating Cooling System

Single Fluid Heating Cooling System, that has transformed manufacturing temperature control. This innovative system minimizes energy usage and ensures accurate regulation by combining heating and cooling functions into a single fluid circuit. It is designed to be dependable and provides constant performance in a range of applications, including food production and chemical processing. It provides an environmentally friendly solution to thermal management problems while showcasing engineering brilliance. Discover the temperature control of the future, which will redefine performance and efficiency norms.

Coating Line/Plant

Introducing our innovative Coating Line/Plant, where accuracy and innovation combine to reinvent surface finishing. Our facility provides an extensive array of innovative coating processes that improve performance, durability, and appearances. Our team of experts applies coatings that withstand wear, corrosion, and abrasion while maintaining an emphasis on sustainability and quality. We follow the strictest industry standards and are outfitted with the newest technology and environmentally friendly procedures. Our facilities can accommodate your specific needs, whether they are for specialty applications, ornamental finishes, or protective coatings. Discover perfection with our Coating Line/Plant, where each item is given the ideal touch of finishing.

Types of Coating Line/Plant

- Lab and Pilot Scale Coating Line
- Commercial Scale Coating Line
- Cast Coating Line

Lab and Pilot Scale Coating Line

Kerone Lab and Pilot Scale Coating Line, discover precise coating options. It supports a wide range of industries and research projects and optimizes development processes with control and efficiency. Our flexible platform enables rigorously precise testing and scaling up of formulations. Investigate novel materials, streamline procedures, or carry out precise and repeatable research. From concept to commercialization, get excellent results with the help of innovative technology as well as skilled support. Discover how dependability, adaptability, and performance work together to propel your initiatives to success.

Commercial Scale Coating Line

Commercial Scale Coating Line, combines innovative technology and careful engineering, designed for a variety of sectors, to guarantee constant, excellent outcomes. The brand enhances durability and beauty with flawless finishes on electronics and car parts alike. As part of its commitment to sustainability, it uses eco-friendly techniques to reduce waste without sacrificing functionality. Our coating line's innovative automation maximizes throughput while maintaining unmatched precision, enabling clients to easily meet production targets. Whether it's improving surface qualities or stopping corrosion, it demonstrates our commitment to quality and client pleasure.

Cast Coating Line

Our Cast Coating Line is the pinnacle of industrial creativity and accuracy. Crafted to achieve flawless surface finishes, it showcases our dedication to quality. Utilizing innovative technology, we generate coated products that surpass market benchmarks. Our range caters to various industries while maintaining consistency and robustness. We customize procedures to meet client needs, promoting trust and satisfaction, offering anything from glossy finishes to specialty coatings. Fundamentally, what sets our Cast Coating Line apart as an industry leader is its exceptional performance and customer-focused solutions.

Coating and Impregnation Plants

Kerone Coating and Impregnation Plants provide modern ways to improve the performance, durability, and appearance of materials. With their modern technology and precision engineering, they are made to meet the most exacting industrial requirements and provide optimal outcomes in a variety of applications. Our factories provide reliable quality and efficiency whether coating metals, fabrics, or plastics with protective coatings or impregnating ingredients for increased strength. With its innovative controls and highly adjustable capabilities, producers may attain accurate coating thicknesses, consistent coverage, and exceptional adherence. Our factories, which are known for their creativity and dependability, are the epitome of quality, offering instruments that enable goods to reach unprecedented levels of longevity and performance.

Types of Coating and Impregnation Plants

- Gravure Coating Machines
- Air Knife Coating Machine
- Web Coating Machine
- Slot Die Coating Machine
- Curtain Coating Machine
- Immersion/Dip Coating Machine
- Hot Melt Coating Machine
- Fabric Coating Machines

Gravure Coating Machines

Our coating and impregnation plants provide modern solutions for the performance, durability, and aesthetics of materials. With precision engineering and modern technology, they are made to meet the most stringent industrial requirements. Our factories consistently produce materials with high quality and efficiency, whether they are impregnating them or applying protective coatings. With its innovative controls and highly adjustable capabilities, producers may attain accurate coating thicknesses and exceptional adherence. Our plants, which are renowned for their quality and innovation, push the boundaries of product performance and durability.

Air Knife Coating Machine

Air Knife Coating Machine, an outstanding example of coating technology efficiency and precision. Designed to deliver unmatched efficiency, it provides smooth implementation with the highest precision and consistency. This system makes use of high-velocity air streams to guarantee uniform coating distribution, improving product quality and cutting waste. Its sophisticated construction allows for accurate control over thickness in a variety of applications. Our machine is a prime example of innovation and dependability, enabling businesses to streamline processes and produce better outcomes with its strong construction and user-friendly features.

Web Coating Machine

We are proud to present our web coating machine, the ultimate of perfection, which will redefine the coatings business. With its innovative technology and contemporary manufacturing engineering, we offers unmatched performance and dependability. It functions well for a variety of coating applications, from protective layers to thin films, and is both customizable and easy. Its precision and long-lasting design guarantee even and consistent coating on a variety of substrates, producing excellent outcomes. Our machine improves product quality and productivity in packaging, automotive, and electronics industries. With our modern Web Coating Machine, you can witness innovation at its best—where quality and efficiency come together to advance your company.

Slot Die Coating Machine

Introducing our innovative Slot Die Coating Machine, which is going to transform applications involving precise coating. With its innovative design, it provides unmatched control and efficiency. The innovative slot die mechanism guarantees accuracy and consistency while coating different materials on different surfaces. Its user-friendly interface makes modification and operation simple, allowing for accurate thickness measurement with little waste. Our machine is a symbol of excellence in all fields, be it electronics, optics, or sophisticated materials, enabling innovation in any application. With our innovative solution, see coating technology as it will develop in the future.

Curtain Coating Machines

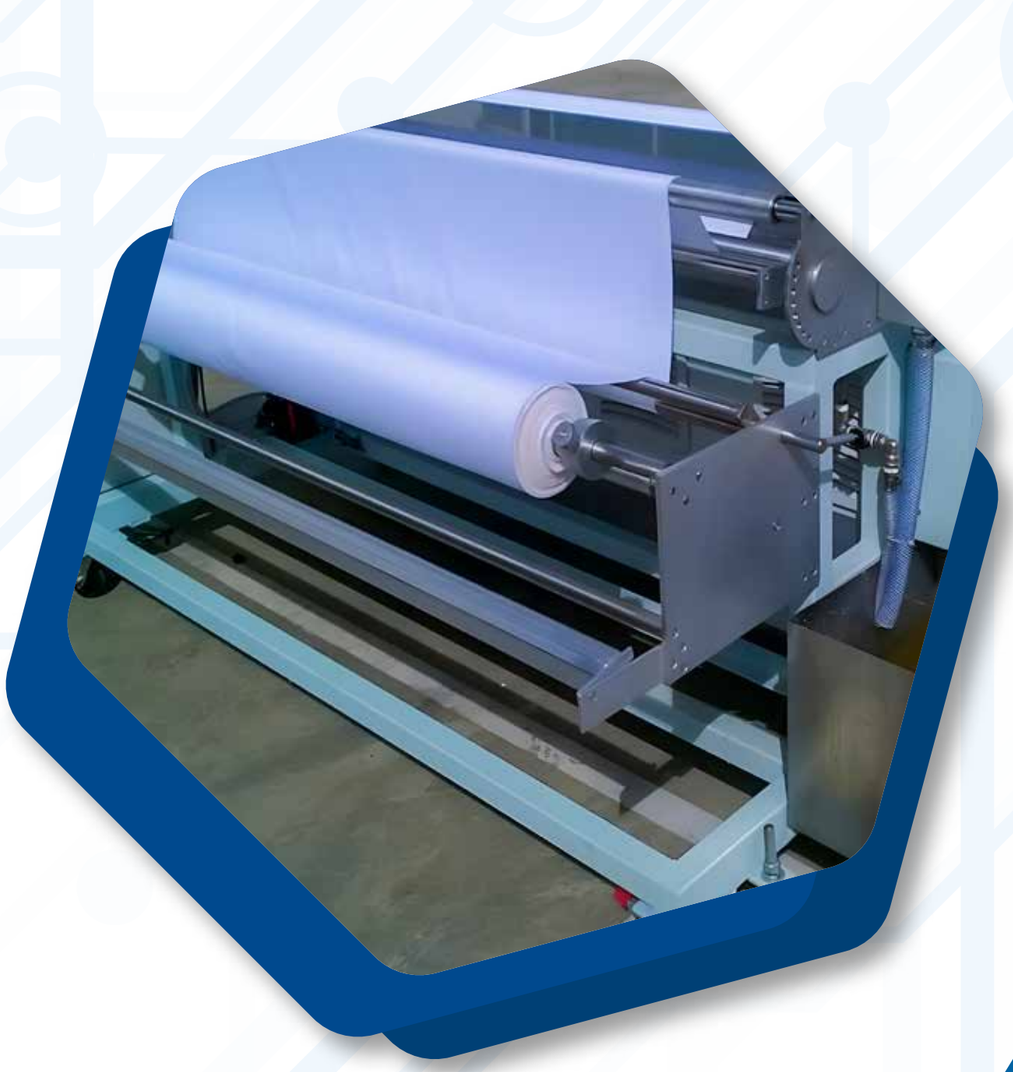
With our advanced curtain coating machines, experience accuracy and effectiveness. We guarantee perfect coating applications on a variety of substrates since they are designed for optimal performance. Businesses obtain ideal thickness and coverage with low waste thanks to advanced technology, customizable parameters, and accurate controls. Our dependable and adaptable machines can handle a wide range of materials, enabling customers to satisfy rigorous requirements and manufacturing deadlines. Invest in innovative and dependable surface coating solutions with our curtain coating equipment.

Immersion/Dip Coating Machine

For industrial coating processes, our Immersion/Dip Coating Machine provides innovative solutions. Designed with accuracy and effectiveness in mind, it makes a wide range of materials and applications work smoothly. Our machine offers great adhesion and consistent coating thickness, improving product performance and longevity with its innovative technology and configurable features. It meets a variety of industry needs by consistently producing high-quality solutions, whether for practical applications, ornamental finishes, or protective coatings. Relying on our unwavering attention to innovation and dependability, it is evidence of our commitment to quality in industrial coating solutions.

Hot Melt Coating Machines

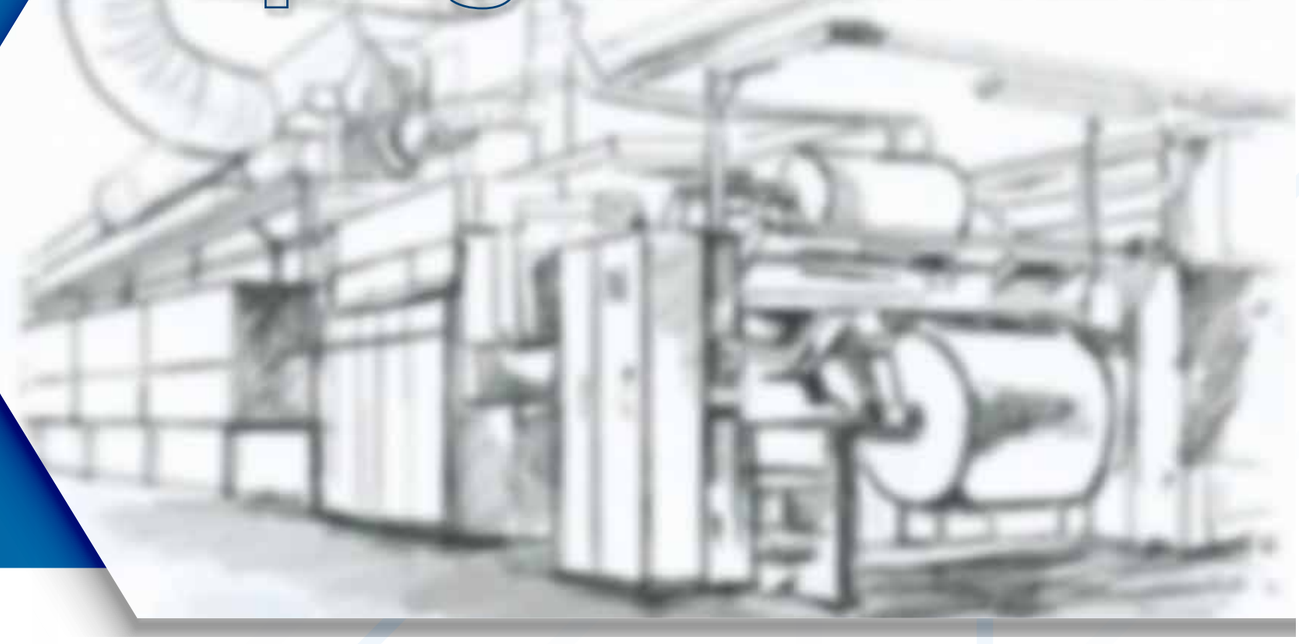
Kerone Hot Melt Coating Equipment is the pinnacle of accuracy and productivity when it comes to applying glue. They are dependable and adaptable, blending in well with a variety of manufacturing settings. Our machines guarantee consistent application on various substrates with to features like automated monitoring and accurate temperature control. They improve product quality and expedite procedures, making them perfect for industrial applications, labeling, and packing. Put your faith in our machinery to improve manufacturing capabilities and propel your business forward in the current market.



Fabric Coating Machines

Presenting Kerone Fabric Coating Machines innovative solutions that improve the durability and functionality of textiles. These innovative tools, which are precision-engineered, apply different coatings consistently, guaranteeing exceptional results. They satisfy a variety of industry needs and are adaptable for flame retardancy, waterproofing, and cosmetic improvements. Our Fabric Coating Machines, which are supported by innovative technology and skillful craftsmanship, enable producers to improve textile performance and promote innovation and excellence within the sector.

Impregnation Plants



Gas IR Heating System

Our Gas Infrared (IR) Heating System epitomizes reliability and efficiency in heating solutions, delivering precise, targeted warmth through cutting-edge technology while conserving energy. With customizable settings and unmatched temperature control, it caters to diverse requirements, from large industrial spaces to cozy residential settings. Engineered for longevity, it withstands harsh conditions, promising dependable comfort year after year. Experience cost-effective heating solutions that redefine standards with our Gas IR Heating System, ensuring warmth and comfort in any environment, throughout the year.

Types of Gas IR Heating System

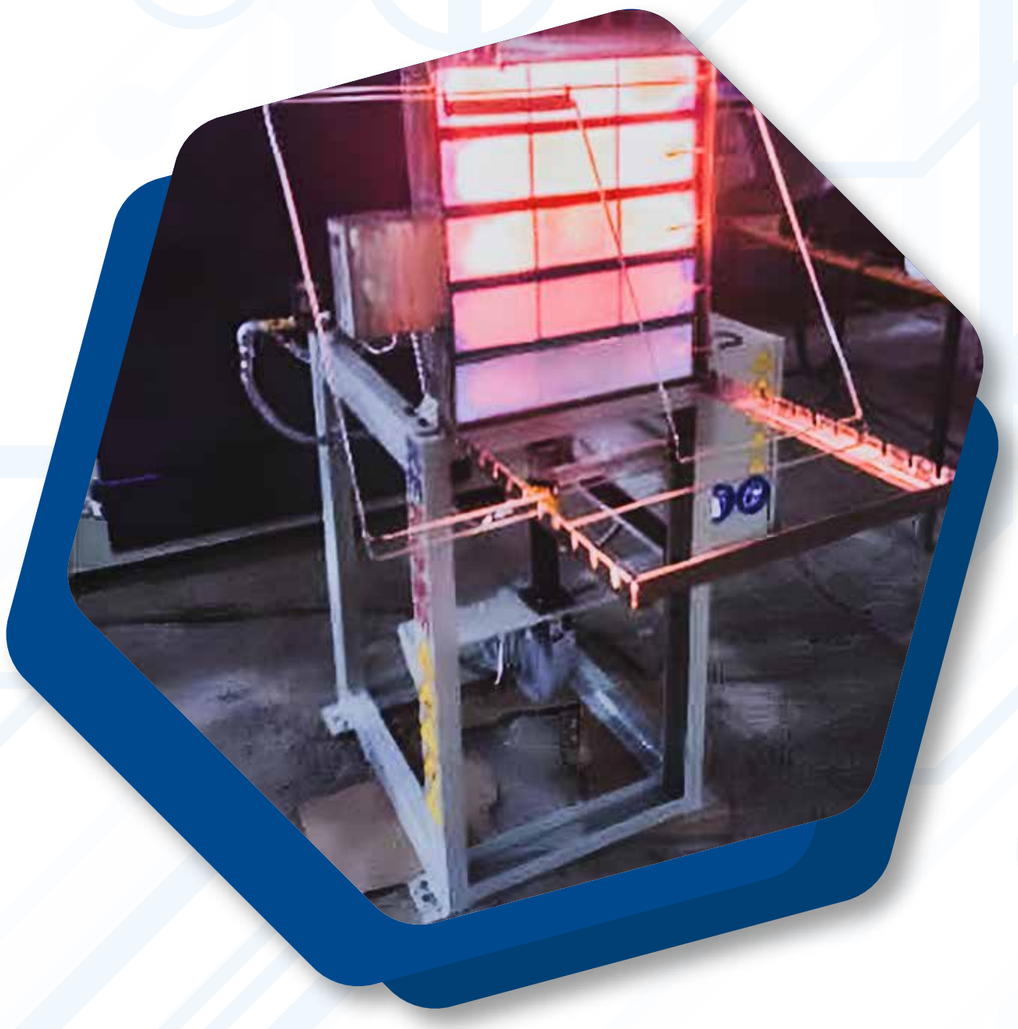
- MFB-Burner
- Gas Combustion
- Gas IR Heating Systems
- Surface Heating System (IR)
- Conveyorised Gas Infrared Ovens

MFB-Burner

Presenting our innovative MFB-Burner, which is transforming performance and efficiency in industrial heating. With unmatched dependability and adaptability, its precise engineering places it at the forefront of contemporary combustion technology. Its capacity to operate on several fuels guarantees adaptability to different fuel types, maximizing energy efficiency and flexibility. Our MFB-Burner will raise productivity and sustainability to new heights in industrial heating. Discover the combustion technology of the future—achieving success in all of your pursuits and surpassing expectations.

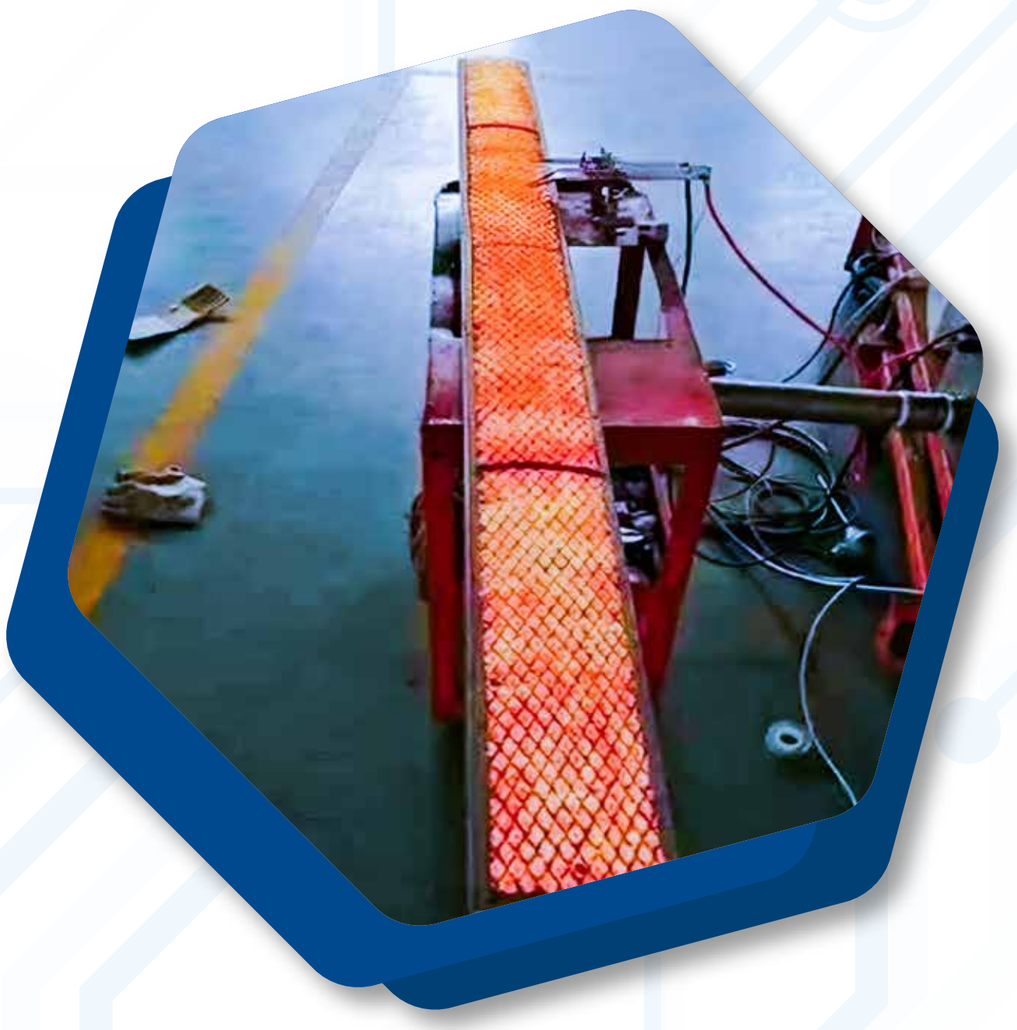
Gas Combustion

At Kerone our expertise lies on innovative gas combustion technology, providing solutions for a variety of sectors. Utilizing our knowledge of combustion principles and our commitment to innovation, we design innovative technologies that maximize energy efficiency and minimize environmental effect. Superior performance, dependability, and safety are guaranteed by our products, which fit into industrial processes with ease. Our products offer unrivaled efficiency and affordability for industrial applications, power generating, or heating. We are industry leaders in gas combustion, offering sustainable, customized solutions to meet the specific demands of our clients. We are backed by seasoned professionals and a dedication to quality.



Gas IR Heating Systems

For commercial and industrial use, gas infrared heating systems provide effective heating options. It minimize heat loss and maximize energy savings by directly heating things and people using infrared radiation. Our systems are built to be safe and dependable, delivering peak performance even in the most demanding conditions. They are the go-to solution for companies because of their configurable features, which provide excellent comfort and value.



Surface Heating System (IR)

Surface Heating System (IR) utilizes innovative infrared technology to transform heating solutions. It provides effective and focused warmth, making it perfect for use in commercial, industrial, and residential environments. carefully designed to distribute heat evenly over a variety of surfaces, guaranteeing maximum comfort and energy economy. Our system provides unmatched performance and dependability whether it is used indoors, outdoors, or in an industrial setting. Discover the latest innovations of heating technology with our modern offerings, which are innovative and of the highest quality, and are customized to fit your unique requirements.

Conveyorised Gas Infrared Ovens

Our Conveyorised Gas Infrared Ovens are the best available industrial baking technology, offering efficiency and accuracy. By combining a Conveyorised system with innovative infrared heating, they guarantee quick and even heating of a variety of items. Our ovens are designed with great care and attention to detail, providing unmatched temperature control for ideal baking results. Expect consistent outcomes, more productivity, and lower energy usage whether baking, curing, or drying. Our ovens are a need for companies looking for increased dependability and performance from their production operations.

Other Products

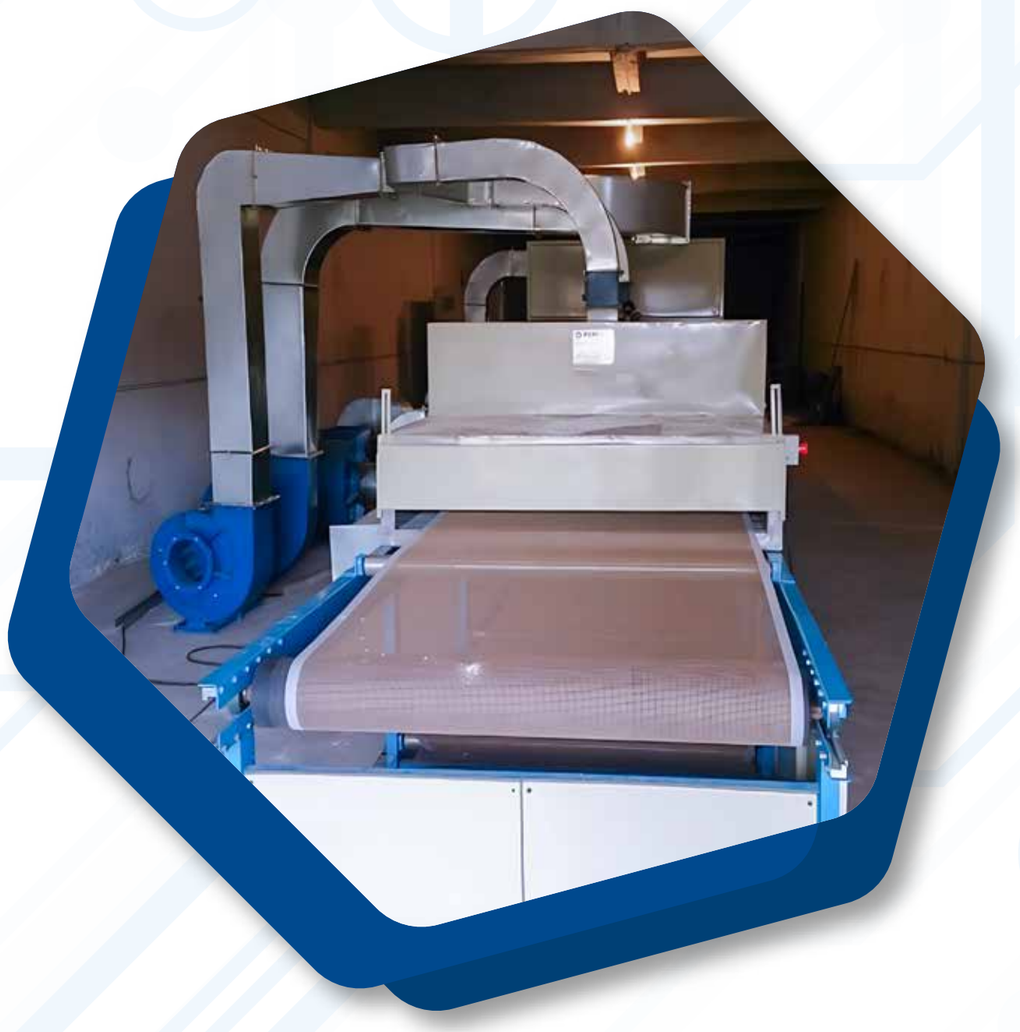
- Mixing Reactor
- Mixing Vessel
- Pulp Packaging Dryer
- CO2 Autoclave
- Wet Laid Paper Plant
- Hot Air Generator
- Fuel Fired Heating System
- Umbrella IR Dryer for Pharma
- Industrial Heating Equipment
- Infrared Heating System
- Potato Powder Production Plant
- Sulphur Melting & Granule Plant
- Batching Systems and Plants
- Pilot Plants/ Lab Scale Plants
- Ethanol Recovery Plant
- Food Processing Plant
- Infrared Heaters
- Rotary Calciner
- Industrial Heaters
- Metal Organic Framework
- Infrared Heating Equipment

Mixing Reactor

Experience the ultimate in chemical processing equipment, the Mixing Reactor, which combines precision and creativity. Carefully designed, it guarantees dependability and effectiveness in every task. Our reactor's innovative technology and sophisticated design combine to provide unmatched performance in precisely and consistently combining materials. Designed for contemporary sectors, it efficiently blends components to produce high-quality products ranging from petrochemicals to medicines. Our Mixing Reactor is the foundation of manufacturing, enabling businesses to operate with excellence and productivity.

Mixing Vessel

Mixing Vessels, which serve a variety of industries including food processing and pharmaceuticals, are the pinnacle of precise engineering. They guarantee the best possible efficiency in mixing and blending by paying close attention to every detail. Our vessels are built to last and prevent corrosion, so they can tolerate harsh conditions and provide longevity and dependability. Features that can be customized easily fit into current workflows, increasing efficiency at all levels. Whether used in small- or large-scale applications, our vessels represent performance and innovation, enabling superior manufacturing.



Pulp Packaging Dryer

This dryer quickly and efficiently dries pulp-based materials because it is precisely designed for dependability, efficiency, and environmental conscience. Modern technology maximizes output while consuming the least amount of energy. It is versatile because its settings may be adjusted to suit different pulp compositions. Simple processes are streamlined by the design, which lowers downtime and boosts output. It is perfect for businesses who care about the environment because it is dedicated to sustainability and fits with the ideas of the circular economy. With our Pulp Packaging Dryer, performance and sustainability come together to create a packaging that is fit for the future.

CO2 Autoclave

When it comes to sterilizing medical equipment and labs, our CO2 autoclave provides unparalleled accuracy and dependability. Utilizing modern engineering, it eradicates detrimental bacteria, guaranteeing the integrity of the instrument and sample. Carbon dioxide powering it allows for quick sterilization cycles, maximizing workflow effectiveness while maintaining strict safety regulations. Its user-friendly interface and adaptable settings easily meet the needs of a wide range of users. Constructed with longevity in mind, it is proof of the creativity and quality of sterilizing agents. For the greatest levels of safety and cleanliness, rely on our autoclave.

Wet Laid Paper Plant

Precision and quality are the driving forces behind our paper production at our Wet Laid Paper Plant. We produce premium-grade paper that is customized to meet a variety of purposes in our modern facilities using innovative wet-laid technology. We maintain tight quality control at every level, from fine art to industrial paper. Experience and creativity are combined by our talented staff to deliver continuous quality. Environmentally friendly techniques are dedicated to sustainability and reduce their influence on the environment without sacrificing functionality. Our paper manufacturing factory is a hallmark of excellence, prioritizing both environmental responsibility and consumer happiness.

Hot Air Generator

We are pleased to present our modern Hot Air Generator, a key element of our industrial heating solutions. Designed to operate at peak efficiency, it effectively transforms energy sources into hot air streams for a variety of uses. Our generators are designed with sustainability in mind, with an emphasis on maximum energy efficiency and lowest environmental effect through eco-friendly features. Constructed with meticulous engineering and robust materials, they guarantee dependability and durability in harsh settings. Our generators create new benchmarks in industrial heating with their unmatched performance, whether they are used for drying, heating, or processing.

Fuel Fired Heating System

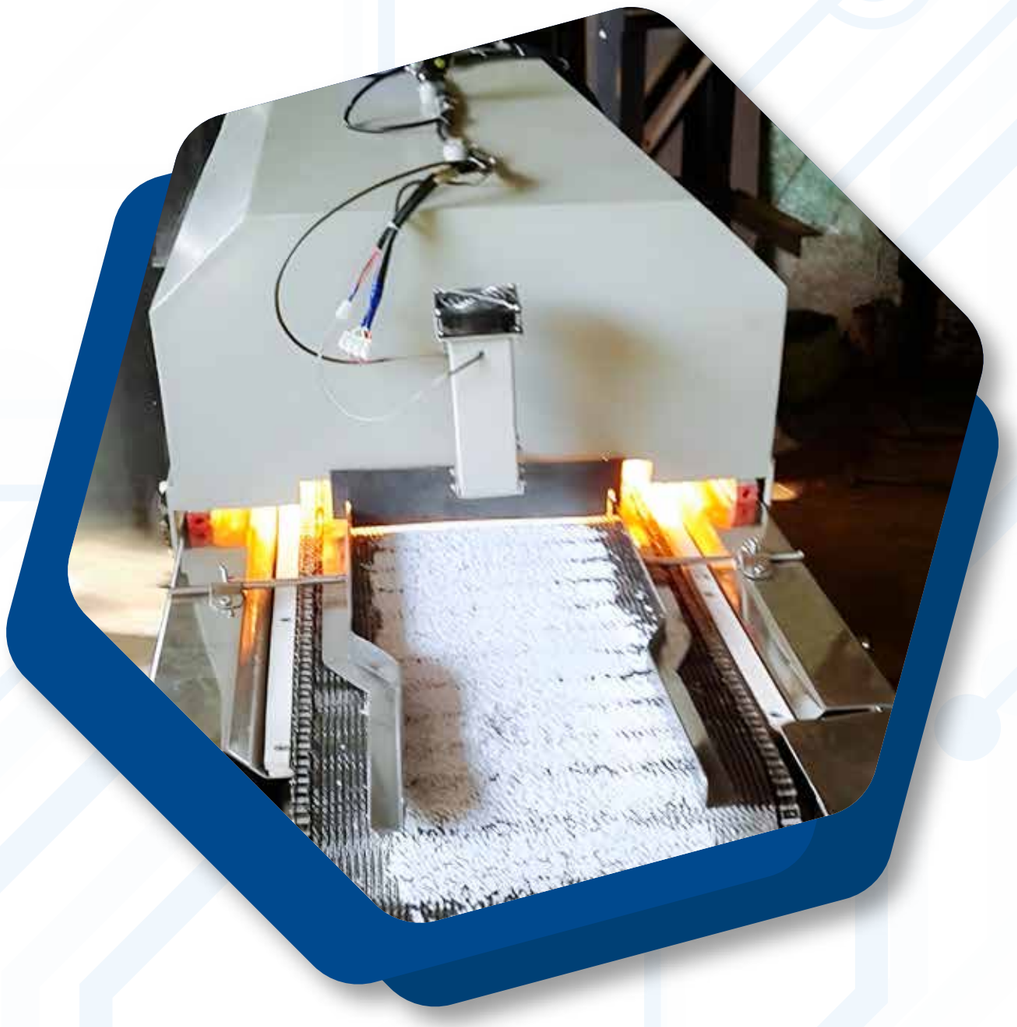
Fuel Fired Heating System offers dependability and efficiency. With innovative combustion technology, it is made for contemporary businesses and offers maximum efficiency with the least amount of environmental damage. Through careful engineering, it guarantees even heat dispersion, increasing efficiency in all applications. It fits a variety of industrial environments, including manufacturing and commercial operations, and is adaptable and easily integrable. It is evidence of the highest caliber of industrial heating and is supported by our dedication to quality and innovation. Our innovative solution, designed for productivity and efficiency, offers unparalleled performance.

Umbrela IR Dryer for Pharma

Umbrela IR Dryer for Pharma, an advanced product that is transforming the drying procedures used in pharmaceuticals. This innovative infrared drying equipment was designed with accuracy and efficiency in mind, guaranteeing the best possible conditions for pharmaceutical products. It improves product quality and reduces drying time with uniform heat dispersion. Adaptability to production demands is ensured by customizable settings that accommodate a variety of formulations. Our IR Dryer meets the highest standards and is designed to be dependable and safe, ensuring consistent performance.

Industrial Heating Equipment

Industrial Heating Equipment provide a wide variety of products to meet the needs of contemporary enterprises, with a focus on Industrial Heating Equipment. Our boilers and furnaces are among the carefully designed equipment we offer, with unmatched efficiency and performance. Our systems, which are based on accuracy and robustness, provide ideal temperature regulation, consistent heating throughout industrial operations, and reduced energy use. Our heating solutions maintain and improve quality standards whether they are used for food preparation, chemical processing, or metalworking. Our dependable and sophisticated heating solutions enable businesses to thrive in the modern industrial environment, and we are dedicated to both innovation and customer pleasure.



Infrared Heating System

Our Infrared Heating System revolutionizes comfort with innovative technology and energy-efficient warmth. Engineered for precision, it delivers focused heat directly to objects and people via infrared radiation. Prioritizing sustainability, it operates with exceptional efficiency, maximizing heat output with minimal energy consumption. Ideal for commercial and industrial settings, its sleek design seamlessly integrates into any environment, providing discreet yet powerful heating. Experience the future of warmth and efficiency with our groundbreaking system, setting new standards for comfort and eco-friendly heating solutions.

Potato Powder Production Plant

The Potato Powder Production Plant is the pinnacle of food processing innovation and quality. Using innovative technology and exacting quality controls, our meticulous procedure turns recently harvested potatoes into premium-grade powder. Every stage, from cleaning and peeling to drying and grinding, is carefully planned to maintain the nutritional value and natural character of the food. Our top priorities are resource efficiency, waste reduction, and sustainability. Not only is our potato powder a product, but it also serves as evidence of our commitment to excellent quality and client happiness.

Sulphur Melting & Granule Plant

Our Sulphur Melting & Granule Plant produces high-quality sulphur granules with efficiency and creativity. With a dedication to quality and the use of innovative equipment, we convert raw sulfur into homogenous, high-density granules that satisfy the exacting requirements of numerous sectors. Precise melting and granulation are produced by careful temperature and pressure control, which results in uniform particle size and purity. Our establishment places a high priority on environmental performance, following rules and reducing emissions and waste. Focusing on sustainability and dependability, our factory satisfies our promise to provide top-notch products to customers around the globe.

Batching Systems and Plants

Batching systems and plants are essential in diverse industries like manufacturing, construction, and food processing, ensuring precise mixing of raw materials for homogeneous products. They feature automation for accuracy and real-time monitoring, enabling flexibility to handle various materials and adapt to production needs. Scalable and quality-controlled, they prioritize safety and environmental sustainability. With precision mixing and quality control measures, these systems optimize efficiency and product consistency while meeting regulatory standards. As technology advances, batching systems continue to evolve, playing a pivotal role in modern manufacturing and processing operations.

Pilot Plants/ Lab Scale Plants

Pilot plants, also known as lab scale plants, serve as miniature versions of industrial facilities, aiding in research, development, and testing across various industries like chemicals, pharmaceuticals, and food processing. They enable experimentation with new processes and technologies, facilitate scale-up studies, optimize manufacturing processes, test equipment and materials, ensure regulatory compliance and safety, provide training opportunities, and even support market testing. Essentially, pilot plants streamline the transition from concept to full-scale production, enhancing efficiency, quality, and cost-effectiveness while minimizing risks.

Other Plants

Ethanol Recovery Plant

Modern technology is used in our ethanol recovery plant to provide excellent ethanol production and purification. Its excellent recovery rates and purity levels, achieved through precision engineering, exceed industry norms. We produce premium ethanol using innovative distillation and separation methods for a range of uses, including fuel blending and pharmaceuticals. Our facility reduces its influence on the environment and energy consumption by focusing on sustainability and efficiency. With a dedication to quality, we provide a dependable ethanol production solution, enabling industries throughout the world with a renewable and sustainable resource.

Types of Ethanol Recovery Plant

- Ethanol Recovery Plant from Bamboo
- Ethanol Recovery Plant from Biomass
- Ethanol Recovery Plant from Corn Cob
- Ethanol Recovery Plant from Food Grains
- Ethanol Recovery Plant from Sugarcane

Food Processing Plant

Food processing plant, where quality and creativity come together. Freshness, flavor, and nutritional integrity are guaranteed from raw ingredients to finished items at our facility, which is outfitted with innovative technology and follows the strictest safety and hygiene regulations. We are dedicated to providing high-quality products, and our skilled team creates a wide variety of luxury items, such as sauces, snacks, and condiments. We produce goods that delight the palate and nurture the body and spirit by fusing innovation with tradition. We invite you to embark on a gastronomic adventure where each taste reveals a tale of excellence, purity, and passion.

Types of Food Processing Plant

- Microwave Food Processing/ Production Line
- Infrared Food Processing/ Production Line
- Ready to Eat Meals Food Processing Plant
- Nutritional Retention
- Cereal Processing Plant
- Baby Food Production Plant

Infrared Heaters

Infrared Heating Equipment provides effective and cozy heating. Kerone heaters minimize energy waste by emitting radiant heat that directly heats people and objects through the use of modern technology. Their precise designs provide streamlined aesthetics and adaptable configurations to suit any type of environment. Energy efficiency is our top priority because we are committed to sustainability and want to lower utility bills and carbon footprint. As you help create a more environmentally friendly future, take advantage of unmatched warmth and comfort.

Types of Infrared Heaters

- Ceramic Infrared Heaters
- Ceramic Flat Infrared Heaters
- Fast Medium Wave Infrared Heater
- High performance Infrared Heaters
- Medium Wave Infrared Heating Moulds
- Short Wave Infrared Module
- Twin Tube Short Wave Infrared Module
- Insulated Ceramic Infrared Heaters
- Short Wave Infrared heaters
- Medium Wave Infrared Heaters
- Colour Changing Infrared Heaters
- Thermocouple Ceramic Infrared Heaters
- Twin Tube Medium Wave Infrared Heater
- Super High Temperature Black Infrared Heaters

Rotary Calciner

Rotary Calciner, which combines innovative technology and meticulous engineering, materials may be continuously heated to high temperatures under control. It guarantees the best possible heat treatment and transformation for a variety of applications with careful focus on quality. Its sturdy construction guarantees smooth operation and outstanding performance, making it adaptable for use in metallurgy, materials research, and chemical processing. With its innovative characteristics, it is a symbol of innovation, dependability, and efficiency in thermal processing systems. Have faith in its ability to improve production procedures and provide unmatched outcomes.

Types of Rotary Calciner

- Batch Type Calciner
- Rotary Retort Furnace
- High Temperature Rotary Kiln

Industrial Heaters

Kerone specializes in modern industrial heaters with a wide range of applications. Our heaters provide dependable and effective heating solutions, available in both electric and gas powered models. Because they are made using premium materials and innovative methods, they guarantee performance, safety, and longevity. Our selection meets a variety of needs, whether they are for commercial areas or industrial processes. With an unwavering dedication to innovation and client happiness, we maximize productivity and efficiency by providing unmatched heating solutions. You can rely on our heaters to meet your heating needs with unparalleled performance and dependability.

Types of Industrial Heaters

- Corrugation Heater
- Immersion Heaters
- Flameproof heaters
- Custom Built Heaters
- Cartridge heaters
- Tubular heaters
- Space Heaters Embedded Elements and Metal Casted Elements

Metal Organic Framework

Our innovative Metal-Organic Frameworks (MOFs) redefine material capabilities with remarkable porosity and adaptability. By synchronizing metal ions or clusters with organic ligands, we engineer crystalline frameworks with extensive surface areas. Our tailored MOFs offer groundbreaking potential in medication delivery, sensing, gas storage, and catalysis industries. Committed to quality and materials science expertise, we craft customized MOFs to meet unique customer requirements. Join us to unleash the boundless possibilities of MOFs and revolutionize your applications.

Types of Metal Organic Framework

- Direct Air Capture
- CO2 Transport and Storage
- Carbon Capture and Utilization
- CO2 Removal
- Carbon Removal
- CO2 Capture

Infrared Heating Equipment

With our infrared heating equipment, reduces energy waste and produces a pleasant atmosphere by directly emitting radiant heat to warm items through the use of infrared technology. Our heaters, which combine modern design and precise engineering, provide consistent warmth in every environment. Our extensive selection offers affordable and environmentally responsible options to meet any demand, whether it be residential or commercial. Explore the seamless fusion of warmth and sustainability in the future of heating with our innovative technologies.

Types of Infrared Heating Equipment

- IR Dryer
- IR Flash Cure
- IR Booster Ovens
- Web Dryer
- Industrial Gas Burner
- Web Dryer/Sheet Oven
- Flat Belt Conveyorised Oven
- IR Curing Unit
- Hot Air Dryer
- Tunnel Ovens
- Flat Belt Ovens
- Printing Drying Oven
- Tunnel/Clam Shell Ovens
- Infrared Oven
- Conveyor Oven
- Batch Ovens
- Flash Cure Dryers
- Overhead Conveyor Ovens
- Portable IR Heating Systems

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