

KEP

Home Page

Welcome to the world of evaporation plants and equipments. KEP Engineering leads by virtue of superior engineering design capabilities, manufacturing excellence and a project based approach committed to delivering high performance total evaporation solutions customized to a client's requirement.

KEP's Sophisticated Evaporator Range:

- Multi-effect evaporation plants
- Agitated thin film dryers
- Distillation columns
- Crystallizers
- Falling Film Evaporators
- Forced Circulation Evaporators
- Combined Evaporation Systems
- Wiped Film Evaporation System

Applications

KEP's range of elegantly sophisticated dryers and drying plants are customized for:

- Textile Industries
- Chemical Industries
- Oil & Gas Sector
- Pharmaceutical Industries
- Agrochemical Industries
- Bulk Drugs and Dye Intermediate Industries
- Food & Beverage Industries
- Petrochemical Industries
- Solvent Recovery Units
- Effluent Treatment Plants
- Distilleries
- Sugar

The Design Approach

A total engineering solutions provider, KEP specializes in consultancy, concept, design, manufacture and total turnkey implementation in evaporation technologies that compete with the world's best and set new standards of performance, durability and sustainability. For us, each client is unique as is the process requirement. We bring to bear the depth of our knowledge and extent of experience in coming up with a solution that incorporates sophisticated design approach to rendering the finest outcomes; adding value and saving costs.

Our tactical strategy encompasses material balance at all stages and complex piping and instrumentation. As leading manufacturer of evaporators in India, our comprehensive service includes design, basic & detailed engineering, manufacturing, erection, pre-commissioning and commissioning, backed by our unique support systems.

Evaporators

KEP's core business is evaporators. A quality manufacturer of evaporator in Hyderabad, we are experts in manufacturing the widest range of evaporators, revamping of evaporators and offering exceptional solutions for virtually any process requirement. We are the leading falling film evaporator manufacturer and forced circulation evaporator manufacturer, with our equipments finding wide use across diverse industries. Precision fabricated, meticulously put together and designed for durability and enhanced performance, our evaporators are best in class solutions at the most affordable prices.

Evaporation Plants

From small standalone units to large evaporation plants is a leap forward involving the use of quite complex calculations, design approaches and engineering skills to finally evolve a structured plant where material flows effortlessly, day in and day out, generates least waste, is environmentally friendly and energy efficient. KEP is a prime manufacturer of evaporation plant in India involving itself from the project stage to commissioning stage with outstanding successful outcomes and customer satisfaction. From

being manufacturers of evaporators in Hyderabad and manufacturer of evaporator in Tamilnadu, we have evolved to becoming a source of large scale evaporation plants and systems. We are known as the topmost falling film evaporation manufacturer and have a reputation as a quality forced circulation evaporator manufacturer, not only in India but also in global markets.

Agitated Thin Film Dryer

This sophisticated equipment is ideal for products sensitive to heat such as pharmaceuticals, food and chemicals. Production is continuous and there is 100% solvent recovery. The process entails a thin film of material, constantly agitated in a horizontal or vertical chamber where high temperature and high vacuum are created under controlled conditions to achieve desired moisture content in final dried product while solvent is recovered. The process is continuous and delivers consistent, fine granularity products in an affordable way.

As manufacturers of ATFD we offer the finest thin film evaporators that will help in value addition and prove to be an asset to exporter-manufacturers competing in the global arena. Our expertise in ATFD technologies has gained us the reputation of being the top ranked manufacturer of Agitated Thin Film Evaporator in India. Agitated Thin Film Evaporators are also known as Wiped Film Evaporators or Multi Effect Evaporation Systems. We guarantee Multi-Effect Evaporation Plants and these plants routinely incorporate Zero Liquid Discharge Systems.

Total Solutions, Total Services, Total Satisfaction

KEP Engineering expertise delivers total satisfaction in a comprehensive, state of art, advanced engineering package, the finest blend of costs, production efficiencies, operator safety and environment friendly features, leading to repeat orders and an extraordinary end-user experience. We make the best even better through our Kaizen philosophy of excellence as a path to perfection.

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About Us

The genesis of KEP can be traced to 2010 when a group of technocrats with years of experience in diverse fields decided to pool their combined talent and create an engineering company that would be a projection of their personality and achieve their goals. KEP Engineering is the outcome. KEP commenced operations in Jeedimetla in Hyderabad, providing technological consultancy to diverse industries while commencing manufacture of a range of evaporators and dryers. Today we have a core staff of 100 besides numerous contractors and sub-contractors.

In a short time we established ourselves as the leading manufacturer of Evaporator in India. Our approach based on knowledge, concept, design, planning and execution, especially when it came to specialized falling film and thin film evaporation technologies, gained us top spot as falling film evaporator manufacturer in India. Our competencies covered the entire gamut of evaporator technologies allowing us to design and deliver solutions to meet client needs, making KEP a name synonymous with evaporators. Our expertise also gained us a leading position as the most reliable forced circulation evaporator manufacturer in India.

From equipments we progressed to projects, in tune with developments taking place across the country, becoming the choice of project managers for a range of turnkey solutions in evaporation plants. Chosen for brilliance of design and reliability of implementation, KEP also meshed in environmental protection and operational economics in huge plants with a modular and structured architecture, incorporating zero effluent discharge features.

Each client is unique and this necessitated a specialized, custom approach. Our competence in all sectors, from design to commissioning, our case based approach to each project and our staff strengths that help us deliver equipments and plants with zero defect, highest worker safety, energy efficiencies and best environment protection features. Design Department and R&D take up about 10% of our organizational set up, production accounts for 40%, execution for 22% and service department for 10%, a well-balanced, cohesive and integrated composition working in synergy for solutions that set new standards in performance and returns on investments.

Our vision is to achieve still greater excellence and put India on the global map as the source of engineering and project expertise. Our mission is to work hard, think harder and deliver 100% each time, every time on our march towards perfection based on excellence in all aspects of our operations.

We are professionals to the core, whether it comes to engineering concept and design, production, execution or customer satisfaction. Yet, we are friendly, cooperative and work collaboratively to achieve a common business objective. While pursuing growth, we never lose track of the fact that we are part of a global community and have a responsibility towards society and environment, duties that we fulfill as we march on.

Get in touch with us for falling film evaporators, thin film evaporators, agitated film evaporators, forced circulation evaporators and total turnkey solutions for evaporation plants of any size, type and parameters. A leading manufacturer of evaporator plant in India, we guarantee absolute satisfaction.