

AN ISO 9001-2015 COMPANY



COMPREHENSIVE SURFACE FINISHING SOLUTIONS
SINCE 1989



About Us

Company Overview: KSW India Private Limited

KSW India Private Limited, originally known as *Krishna Scientific Works*, was founded in 1989 with a vision to become a leader in the surface finishing industry. The company was established in response to the growing need for high-quality surface finishing solutions, particularly in the areas of customization, safety, and environmental sustainability. Over the years, KSW has built a strong reputation for providing world-class surface finishing technologies and has earned the trust of industries both in India and abroad.

Vision & Mission

Vision: To be a global leader in surface finishing technology, offering customized, safe, and environment friendly solutions that meet international standards on a turn-key basis.

Mission: KSW is committed to provide complete surface finishing solutions through innovative designs, incorporating the latest value-engineered technologies, at affordable costs. The company also ensures ongoing customer support to enhance client productivity and profitability.

Quality Policy

KSW's quality policy emphasizes meeting customer expectations without exception. The company strives for continuous improvement in its processes, products, and people, ensuring that every solution provided exceeds customer satisfaction.

Core Competencies

KSW specializes in delivering comprehensive surface finishing solutions with a focus on:

- **Customization:** Tailored solutions to meet specific customer needs.
- **Safety:** Prioritizing safe processes in all stages of operation.
- **Environmentally Friendly Solutions:** Emphasizing eco-friendly methods and technologies.
- **Turnkey Projects:** Providing end-to-end solutions, including design, manufacturing, installation, and support.

Infrastructure

- **Production Facility:** The main manufacturing facility spans **71000 square feet** of shop floor space, with a total covered area of **120000 square feet**. The factory is equipped with high and latest soft ware accompanied with modern machinery and testing facilities to produce high-quality surface finishing systems.
- **Production & Installation Team:** The Company employs a skilled workforce of 325 persons including of 65 professionals, with over 35 years of experience in the surface coating industry. These personnel specialize in designing, manufacturing, and installing surface finishing plants, ensuring time-bound project delivery.

Global Presence

KSW serves industries both domestically in India and internationally. Its growing client base includes OEMs and their vendors, and the company has earned the distinction of being a reliable and comprehensive surface finishing solutions provider.

Experience and Expertise

With over 35 years of experience, KSW has positioned itself as a trusted name in surface finishing solutions. Its track record of successful projects and satisfied clients speaks to its capability in delivering superior results in the surface finishing domain.

Key Offerings

- **Surface Finishing Plants:** Full turnkey solutions for designing, manufacturing, and installing surface finishing plants.
- **Custom Solutions:** Tailored to specific requirements of each client, ensuring maximum efficiency and cost-effectiveness.
- **Ongoing Support:** Continuous customer service and support to ensure optimal performance of installed systems.

KSW India Private Limited remains committed to its mission of delivering high-quality, innovative surface finishing solutions that empower its clients to achieve enhanced productivity and profitability.

TRANSFORMATION OF TECHNOLOGY

KSW is committed to embracing the future by diversifying and advancing in cutting-edge technologies, particularly in Surface Finishing Solutions. To stay at the forefront of innovation, we have partnered with **M/s. Jhen da Engineering Co., Ltd.**, from Taiwan. This strategic collaboration enables us to leverage their technical expertise and access advanced technology and design solutions. Together, we aim to drive progress and deliver exceptional value to our clients with the latest advancements in the industry.



Product Range:

- **PRE-TREATMENT PLANTS**
Dip Type – (Automatic/Manual)
Spray Types
PT Plant Accessories
- **E COAT & AUTOPHORETIC COATING LINES**
- **POWDER COATING PLANTS AND ACCESSORIES**
Conveyorised Powder Coating Plant.
Batch type Powder Coating Plant
- **LIQUID PAINTING PLANT & ACCESSORIES**
Conveyorized Painting plants
Batch Type Painting Plant
Liquid Painting cum Drying Booth
Side Draft Open Booth
Down/Side Draft Pressurized Booth
Wet Type Liquid Paint Booth
- **UV & IR PAINTING LINES**
- **WOOD EFFECT & WATER FILM TRANSFER LINES**
- **MATERIAL HANDLING SYSTEM**
- **CURING OVEN & ACCESSORIES**
Conveyorised Curing Oven
Batch Type Curing Oven
- **ACCESSORIES FOR PAINT SHOP**

Our Group of Companies

- **PULSAR COATINGS EQUIPMENTS PVT. LTD.**
- Manufactures of Powder Coating, Liquid Paint Applicators and Accessories
- **SKY CAR ELEVATORS PVT. LTD.**
- Manufactures of Passenger and Goods lifting Elevators

Pre Treatment

The pre treatment process is mainly a chemical cleaning process to remove any type of oil, grease and rust contamination from surface of the component, which is designed according to the chemical composition of the base material, intensity of contaminants and the capacity of various commercially available chemicals. "KSW" provides you a complete pre treatment system with an option of spray zone or full dip zone.



Spray Pre Treatment Plant



Dip Pre-Treatment



Plant Accessories

- Oil Skimmers
- Hot Water Generators
- Chemical Heating Systems
- Phosphate Sludge Separation Systems
- Chemical Dosing Systems
- Fume Extraction Systems
- Chemical Fume Scrubbers
- Air Agitation, Mixer and Eductor
- Agitation Systems



CED COATING



ADVANTAGES OF E-COATING

Advantages of E-Coating do you know what is e-coating Sometimes, we get confuse between E-coating and electroplating, Electroplating is where metal is applied to metal. Nickel and chrome plating are examples. Electrocoating is a process of immersing metal parts in a fluid bath, where an electric charge draws paint or epoxy particles in the fluid to the surface of the part. Each technique has its own purposes and advantages We are experienced masters of both powder coating and electrocoating. KSW is the one stop solution to all your powder coating needs.



Powder Coating Plants

KSW offers a wide range of conveyorised powder coating plants and accessories. The Conveyorised Plants are recommended where production volume is high. An overhead Chain Conveyor passes through booth and coating is done with Manual / Auto Spray Guns. Conveyor speed is worked out based on production rate required and oven can be straight tunnel type or with loops inside it.



Powder Coating Booth

Cyclone Type Powder Recovery System

KSW's cyclone type recovery booth insures uniform airflow throughout the cross section of the booth. Absence of dead packets ensures easy cleaning and higher powder transfer efficiency.

KSW Provides two types of cyclone recovery booth

- Single cyclone Booth - Above 90% powder recovery efficiency.
- Multi cyclone Booth - Above 98% powder recovery efficiency.

Cartridge Filter Type Powder Recovery System

- With latest technology of designed Cartridge filter, with maximized life and powder recovery.
- More than 98% efficiency.
- Makes color change easy and quick due to absence of dusting.
- Ensures that there is no contamination during color change.
- Occupies lesser shop floor area.



Powder Coating Gun



Reciprocator



Multi Cyclone Coating Booth

Liquid Painting Plants

Liquid Painting is used to give high quality finishing. It is applied on metals, plastic and wooden components. High quality painting is a multilayered process that allows wet- on- wet or bake- on- bake options. A typical line maybe primer coat followed by top coat; and, can be followed by clear/ lacquer coat.

