Complete Solution for Coating & Finishes

Samerika Industries

Manufactures and Specialist:

- Powder Coating Plants & Equipments
- Fully Auto Conveyorised Powder Coating Plant
- Batch Type Powder Coating Plant (Manual)
- Semi - Auto Conveyorised Powder Coating Plant
- Automatic Electromechanical Reciprocator
- Powder Recovery Booth & Cyclone
- Teflon Coating Plant
- Liquid Spray Booth
- Overhead Conveyor System

Touch to call

Mobile :

+91-8080983003
+91-9518762863

Website :

www.samerikaindustries.com
www.samerikaindustries.in

Email :

info@samerikaindustries.com
samerikaindustries@gmail.com

Ahmedabad Location

MAKE IN INDIA

Vasai Location

"where innovation meets excellence"

COMPANY PROFILE

Welcome to Samerika Industries, a distinguished name in the manufacturing landscape since 1995. Specializing in the production of top-tier Powder Coating Plants and Industrial Ovens, we pride ourselves on a legacy of excellence and innovation. With a steadfast commitment to quality and precision engineering,

At Samerika Industries, we take pride in our role as industry leaders in the manufacturing of Industrial Ovens and Powder Coating Plants. With a relentless focus on innovation, quality, and customer satisfaction, we have built a reputation for delivering robust and tailored solutions. Our dedicated team of professionals strives to exceed expectations, providing clients with reliable equipment that enhances operational efficiency. Samerika Industries for cutting-edge technology and a commitment to excellence in industrial heating and coating solutions.

With a focus on efficiency, Samerika Industries has established itself as a key player in the surface coating industry. Their plants, known for both capacity and quality, have earned the confidence of major players, making them a reliable choice for those seeking economical and top-notch coating solutions.

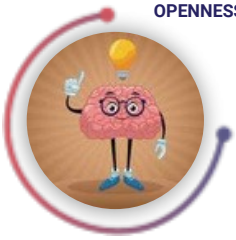
GROWTH

COMMITMENT

VALUES

DISCIPLINE

OPENNESS



OUR FOUNDER

Mr. Vishnu M. Panchal

(Chairman and Managing Director)

- **Expertise: Manufacturing, Project Installation & Production Process.**
- **Experience: A Seasoned Professional with 42 years of Valuable Experience in Powder Coating Plants & Industrial Oven.**
- **Responsibilities: Overseeing the Manufacturing Process, Ensuring Sucessful Project Installation & Comissioning.**

Mr Kejul V. Panchal

(Director)

- **Expertise: Sales & Administration in Powder Coating & Painting Line.**
- **Experience: With an Impressive 18 years in the Industry, Brings Extensive knowledge of Production, Process Optimization, Sales & Administrative Fuctions.**
- **Responsibilities: Leading Production efforts, Refining Process, Managing Sales Strategies and Overseeing Administrative aspects related to Powder Coating Plants & Painting Lines with Driving Sales Inititiatives.**

The Collaboration of Both Expertise in Manufacturing & Sales Extensive Experience in Production and Administration forms a Robust Leadership Duo together, they likely play pivotal roles in steering the company towards excellence in Powder Coating Plants & Equipments

CONVEYORISED POWDER COATING PLANT

An Automatic Conveyorized Powder Coating Plant is a comprehensive and advanced system designed for the automated and efficient powder coating of various products. Here's a concise product description:

Components:

1. Conveyor System: Features a sophisticated conveyor system that transports products through different stages of the powder coating process seamlessly.

2. Powder Coating Booth: Equipped with a specialized powder coating booth where an automatic powder application system covers products evenly.

3. Curing Oven: The conveyorized system moves products into a curing oven for the powder to melt and form a durable coating.

4. Control System: An advanced control system manages the entire process, allowing for customization of coating parameters, conveyor speed, and other variables.

Advantages:

1. Consistent Quality: Automation ensures a uniform and high-quality powder coating finish on all products.

2. Increased Productivity: Streamlined processes and continuous operation contribute to higher production output.

3. Reduced Labor Costs: Automation reduces the need for manual labor, leading to cost savings in the long run.

4. Energy Efficiency: Some systems are designed with energy-efficient features, contributing to sustainable and cost-effective operation.

- An Automatic Conveyorized Powder Coating Plant offers a highly efficient and reliable solution for businesses with high-volume powder coating needs, ensuring quality and productivity in the coating process.

CONVENTIONAL POWDER CURING OVEN

A Conventional Powder Coating Oven is a crucial component in the powder coating process, providing the necessary heat for curing the applied powder and creating a durable finish on coated products. Here's a concise product description:

Design:

1. Batch Configuration: Typically designed as a batch oven where coated products are loaded onto racks or hangers and moved into the oven for curing.

2. Insulation: Features effective insulation to maintain a consistent temperature and optimize energy efficiency.

3. Heat Source: Utilizes either electric heaters or gas-fired burners to generate the required heat for curing the powder coating.

Operation:

1. Temperature Control: Equipped with a temperature control system that allows precise regulation of the curing temperature based on the powder coating specifications.

2. Airflow System: Incorporates an airflow system to ensure even distribution of heat throughout the oven, promoting uniform curing.

3. Timer Functionality: Often includes a timer function to control the curing duration, ensuring the right amount of time for the powder to melt and form a durable coating.

A Conventional Powder Coating Oven is a reliable and cost-effective solution for businesses with moderate powder coating production needs, providing consistent and durable finishes for coated products.

SEMI - AUTO CONVEYORISED POWDER COATING PLANT

A Semi-Automatic Conveyorized Powder Coating Plant combines automation with some manual intervention, offering efficiency and flexibility in the powder coating process. Here's a concise product description:

Components:

1. Conveyor System: Features a conveyorized system with a track to transport products through different stages of the powder coating process.

2. Manual Loading/Unloading Stations: Allows operators to load and unload products onto the conveyor system manually, offering flexibility for various product sizes and shapes.

3. Powder Coating Booth: Equipped with a powder coating booth for automated powder application on products as they move along the conveyor.

4. Curing Oven: The conveyor system moves products into a curing oven for the powder to melt and form a durable coating.

5. Control System: Integrates a control system for managing the conveyor speed, coating parameters, and other aspects of the powder coating process.

Applications:

1. Small to Medium Production Runs: Well-suited for businesses with varying production needs, accommodating both small and medium-sized batches.

2. Custom or Irregularly Shaped Products: Ideal for coating products with non-standard shapes that may require manual handling.

A Semi-Automatic Conveyorized Powder Coating Plant is a versatile solution for businesses seeking efficiency in powder coating processes with the added flexibility of manual intervention for unique or custom product requirements.

BATCH TYPE POWDER COATING PLANT

Samerika Industries sets itself apart by offering Batch Type Powder Coating Plants that combine precision and adaptability. These systems are likely designed with advanced coating technologies, providing not only efficient application but also flexibility for diverse product sizes and shapes. Samerika Industries may prioritize customization and innovation, ensuring their solutions meet specific industry demands. For unique features and capabilities, I recommend checking the official documentation or reaching out to Samerika Industries for tailored insights.

Components:

1. Coating Booth: This is where manual application of powder coating takes place. It may have features like adjustable airflow and lighting for better visibility.

2. Powder Guns: Manual powder guns are used for precise application. Operators control the spray gun to coat the objects evenly.

3. Recovery System: Collects excess powder for reuse, minimizing waste and ensuring cost-effectiveness.

4. Curing Oven: After coating, the objects are moved to a curing oven. Heat is applied to melt and cure the powder, creating a durable finish.

Advantages:

1. Flexibility: Suited for small to medium production runs with diverse parts and shapes.

2. Cost-Effective: Initial setup costs are typically lower compared to automated systems.

3. Ease of Maintenance: Simplicity in design often results in easier maintenance and operation.

POWDER RECOVERY BOOTH & CYCLONE

A Powder Recovery Booth with a Cyclone is an integral part of a powder coating system, designed to efficiently collect and recover excess powder during the coating process. Here's a brief description:

Powder Coating Booth:

1. Design: Typically, a powder recovery booth is enclosed to contain the powder overspray during the coating process.

2. Airflow System: The booth is equipped with an efficient airflow system to capture and contain the powder particles, preventing them from escaping into the surrounding environment.

3. Filter System: Contains filters to separate powder particles from the air, allowing clean air to be discharged.

4. Lighting and Visibility: Adequate lighting is usually incorporated to ensure visibility for operators during the coating process.

Powder Recovery Cyclone:

1. Function: The cyclone is a component within the recovery system designed to separate powder particles from the air stream through centrifugal force.

2. Construction: Typically cylindrical in shape, the cyclone has an inlet for the powder-laden air and outlets for separated clean air and collected powder.

3. Efficiency: Cyclones are known for their high efficiency in separating fine powder particles from the air, contributing to effective recovery.

A Powder Recovery Booth with a Cyclone is essential for businesses aiming to enhance efficiency, reduce waste, and maintain high-quality powder coating finishes.

TEFLON COATING PLANT

A Teflon coating plant applies a non-stick coating to various products, enhancing their durability and resistance to corrosion. This process involves using polytetrafluoroethylene (PTFE), commonly known as Teflon, to create a smooth, protective layer on surfaces like cookware, industrial equipment, and automotive parts. The Teflon coating provides heat resistance, chemical inertness, and reduced friction, making the coated items easier to clean and more resistant to wear and tear.

The Teflon coating process typically involves thorough cleaning of the substrate, followed by the application of a primer for optimal adhesion. The items are then coated with a layer of liquid or powder Teflon, and a curing process, often involving heat, solidifies the coating. This results in a thin, highly durable film that exhibits excellent non-stick properties and serves as a protective barrier against harsh environmental conditions. Teflon-coated products find applications in diverse industries, from cookware and bakeware to industrial machinery and automotive components.

In addition to its non-stick qualities, Teflon coating provides excellent resistance to chemicals, UV radiation, and extreme temperatures. This makes it suitable for applications where exposure to harsh elements or corrosive substances is common. The coating process is customizable, allowing for variations in thickness and finish, depending on the specific requirements of the end product. Teflon-coated items often demonstrate improved release properties, reducing the need for lubricants and minimizing maintenance efforts. Overall, the Teflon coating plant plays a crucial role in enhancing the performance and longevity of a wide range of products across various industries.

OVERHEAD CONVEYOR SYSTEM

An Overhead Conveyor System for Powder Coating is a specialized solution designed to facilitate the efficient and automated powder coating of products. Here's a concise product description tailored to powder coating applications:

Features:

1. Automated Powder Coating: Facilitates automated movement of products through the powder coating booth, enhancing efficiency and consistency in the coating process.

2. Powder Recovery Integration: Compatible with powder recovery systems to minimize waste and optimize the use of powder coating materials.

3. Adjustable Speed and Timing: Allows for adjustable conveyor speeds and precise timing, accommodating different coating requirements for various products.

Advantages:

1. Uniform Coating: Ensures a consistent and uniform powder coating application on all surfaces of the products.

2. Reduced Downtime: Minimizes downtime between coating stages, contributing to increased overall production efficiency.

3. Cost-Effective Powder Usage: The system is designed to optimize powder usage, reducing material waste and associated costs.

Applications:

1. Metal Fabrication: Ideal for coating metal components used in various industries.

2. Automotive Parts: Suitable for coating automotive components with precision and efficiency.

3. Appliances and Furniture: Used for powder coating household appliances, furniture, and other consumer goods.

AUTOMATIC ELECTROMECHANICAL RECIPROCATOR

The Automatic Electromechanical Reciprocator is a precision-engineered device designed to provide consistent and reliable reciprocating motion for various industrial applications. This innovative solution combines the benefits of electromechanical technology with precise control mechanisms to deliver efficient and accurate results.

Key Features

1. High-Speed Reciprocation: Achieve precise and consistent reciprocating motion at Speed with Smoothness
2. Electromechanical Design: Combines the reliability of mechanical components with the precision of electrical controls.
3. Advanced Control System: Features a user-friendly interface and programmable logic controller (PLC) for seamless integration with existing systems.
4. High-Torque Motor: Delivers reliable and consistent motion, even in heavy-duty applications.
5. Compact Design: Space-saving design allows for easy integration into existing production lines.
6. Easy Maintenance: Tool-free access to components for quick maintenance and repair.
7. Safety Features: Includes emergency stop, overload protection, and safety sensors for secure operation.

Applications

1. Powder Coating: Precise reciprocation for uniform powder coating application.
2. Painting: Consistent and controlled motion for painting applications.
3. Assembly: Efficient and accurate assembly of parts.
4. Other Industrial Applications: Suitable for various industrial processes requiring precise reciprocating motion.

Technical Specifications

1. Motor Power: 1-2 HP (0.75-3.7 kW)
2. Speed Range: 0 - 50 Hz
3. Stroke Length: Up to 2500 mm
4. Precision: ±0.01 inches (0.25 mm)
5. Control System: PLC-based control with user-friendly interface

Contact Us

Samerika Industries

MAKE IN INDIA

Instagram

Touch to call

- **Mobile :**
  +91-8080983003
  +91-9518762863

indiamart

You Tube

- **Website :**
  www.samerikaindustries.com
  www.samerikaindustries.in

Facebook

Ahmedabad Location

- **Email :**
  info@samerikaindustries.com
  samerikaindustries@gmail.com

Vasai Location

Touch any Icon for Follow & more Information