

PRIDE TECHNOLOGIES INDIA

"A NAME YOU CAN TRUST UPON"

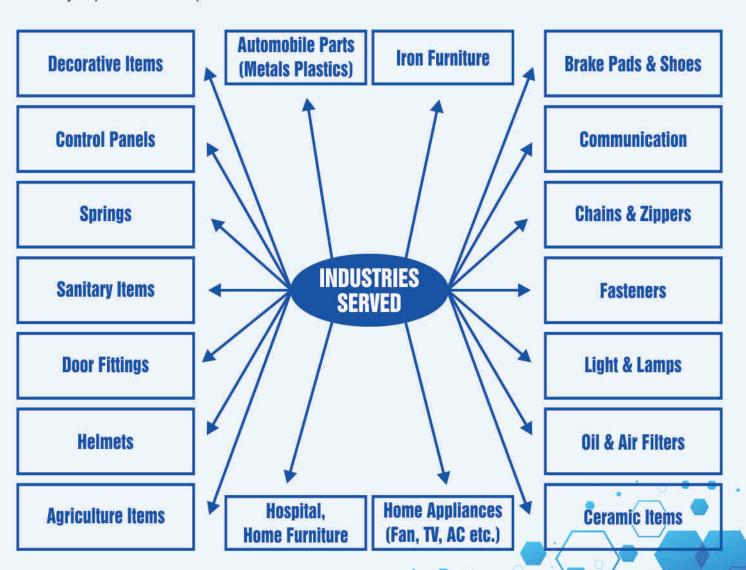


" Single Source For Faster Surface Finishing Solution & Coating System Since 2004"



Since 2004 Pride Technologies India (PTI) has been designing, developing and manufacturing each system with highest quality and engineering standard. PTI is an IOS 2001:2008 certified company which offers an extensive range of Liquid/Powder coating plants. PTI is a total solution provider with turnkey project execution capabilities. The company develops each system to suit exactly as per customer requirements, design and specification, through valued engineering of experienced head.

This company has been supplying variety of painting and finishing system that has earned good reputation for its high quality products and services in various industries. PTI develops complete batch type to automatic plants for Powder Coating; Spray Painting and other Surface coating such as lacquer, varnish, Teflon, Dacro/Geo-mat, Glass etc exactly as per customers specifications.





Certificate of Registration

This is to Certify that the Quality Management System of

PRIDE TECHNOLOGIES INDIA

has been audited and Conformed to be in accordance

with the requirements

ISO 9001:2015

For the following scope

Manufactures of Powder Couring Equipment & Pionts

Certificate No. 2010/HTL Initial Registration Date: \$2,000,0007 1" Surveillance Date: \$6,000,000

2" Survalbase Date: 4040200 Date of Expery: 90402009









PRIME CERTIFICATION PVT. LTD.







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Branches
*** As per Branch List enclosed *** of the Branch/Dov./GHST If any

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Product Range:

- Pre-Treatment Plant: PLC Controlled Transporter/ Manual Dip or Conveyorised spray Pre-Treatment plant.
- Powder Coating Booth: Batch Type /Conveyorised powder coating booth with Cartridge Filters/ Mono Cyclone or Multi cyclone recovery system with Post filter Units.
- Liquid Painting Booth: Batch Type/ Conveyorised Spray Paint booth with Pressurised/ Non Pressurised Side/Down Draught, Dry Type Water Walled Type.
- Powder Coating Machine: The Gun generates an electrostatic force field between the high voltage electrode & earthed work piece so the powder is electro-statically charged and it follows the field line to coat the object.
- Powder Coating Drying and Curing Ovens: Batch Type / Transporter or conveyorised Drying and Curing Ovens with all fuel source.
- Paint/Powder Coating Plant applicators/Automation Accessories: Powder Coating Gun, Liquid Painting Guns, Powder and Paint applying automatic Reciprocators, Disc applicators, Bell Type Applicators, Powder and Paint Kitchen Hoppers and Accessories.
- Rockwool Insulated Oven Panels.
- · Heat Exchanger Cabins.
- Material Handling System.

Pre – Treatment / Washing Lines

Pre-treatment (PT) is also called as Surface Cleaning, washing and phosphate process. It is a multi – step surface preparation process of the products, to be coated, for its long lasting coating strength along with good esthetic finish. This process is amust for removing dirt, dust, oil, rust or any other sort of impurities from the article.

Adequate surface preparation and protective coating (phosphate/chrome) is necessary before painting process to increase the sticking property of paint/powder to give ultimate strength & quality of paint on the finished products. The selection of the type and size of PT system depends on the production volume, article size & configuration space available.

Pre – Treatment Process





"PTI's latest pre-treatment systems are perfectly suited for dunk/batch & continuous processes."

POWDER COATING BOOTH

Why install a Booth

- Statutory Requirement: It is mandatory, (as per the company's act) for a company to install a paint booth if it has a process of spray painting in their premises.
- Environment Friendly: The air exhausted from the painting area should be free from paint particles to avoid air pollution.
- · Safety: Paint being an inflammable substance should not be allowed to settle anywhere for the safety reasons.
- Operators Health: Continuous fresh air supply ensures the operators good health and efficiency in work.
- Workmanship: Closed room with the filtered air supply system enhances the overall painting process which
 ensures an excellent quality of finished products.

Powder Coating Booth

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

Single Cyclone Booth

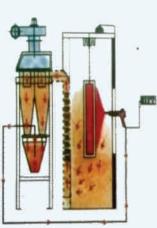
Above 85% powder recovery efficiency.



Multi Cyclone Booth

Above 95% powder recovery efficiency.





Multi-Cyclone Booth for Long Objects with Bag Filter

The concept behind -a dust collection system is basic:

Dirty air goes in, the dust or particulate get removed, and clean air comes out or you can say, dirty air, dust capture, filter cleaning.



PTI BATCH OVENS

These Ovens, backed with years of experience, are constructed with high quality and engineering standards to provide exceptional temperature uniformity at both low and high temperatures. These units are suitably design for continuous, long and rugged process applications such as per-heating, drying, baking, curing, ageing, annealing, tempering etc. These ovens are widely used in industries like paint shop for metallic and non metallic parts.

Construction

- BODY: The oven is a double walled fabricated with angle iron & iron Sheets structure, properly re-enforced, Outer and inner chamber of the oven are made of thick gauge iron sheet/brushed stainless sheets.
- POWDER COATED: The Oven is given Powder coated finish from outside and high temperature aluminum paint from inside.
- **INSULATION**: The wall of oven are insulated with super quality mineral wool as an insulator to minimize the heat losses. The thickness of insulation 100 MM, or depending upon the temperature range inside the oven.
- AIR CIRCULATION: Forced Air Circulation provided with suitable fan/blower in the inner working space and is
 driven by the help of motor of suitable capacity. The cold air is blow over the heating media in the oven and
 heated air after passing through the product s drawn toward the media for recirculation to ensure the uniform
 heating throughout the inner chamber. Air flow is also a very important factor for the temperature uniformity
 inside the oven.
- TEMPERATURE CONTROL: Temperature controlled by Digital Temperature controller (DTC) From a few
 degree above the ambient temperature up to 300 C.(working temperature 180 to 220 andDesign
 Temperature 300°)
- DOORS: Each unit is provided with heavy duty doors with explosion resistant latches. The doors can be swing
 action or sliding type (horizontal or vertical). Each door is provided with high temperature door gaskets to
 prevent heat losses.
- TROLLEY: Ovens with trolley as standard features, will be accompanied with Two set of trolley. Trolley is made
 of heavy duty, welded and reinforced angle iron structure. This trolley move on specially designed high
 temperature caster wheels for easy movement.
- HEATING MEDIA: Electric, Gas & Diesel.

POWDER COATING BOOTH







GAS FIRED OVEN



ELECTRIC FIRED OVEN

OUR EXPERT TEAM













PRIDE TECHNOLOGIES INDIA

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