



# STAR FIELD SYSTEM

## Surface Finishing Solution

STAR FIELD SYSTEM Range covers almost everything in surface finishing equipment. we provide tailor made solutions for metal pre- treatment to final finishing

### PRODUCT RANGE

- Powder Coating plant
- Powder Coating Booths
- Curing Ovens (oil/gas Fired & Electrical)
- Liquid Painting Booths
- Pre- Treatment Lines(spray / Dip )
- All Type Of Belt Conveyorized Ovens
- Servicing, Manufacturing & Installations

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## ABOUT US

**STAR FIELD SYSTEM** was established in 2025 with primary objective of providing hi-tech paint shops. At present, we are actively supporting industries in India and abroad for setting up of surface finishing plant on turnkey basis.

**STAR FIELD SYSTEM** is upcoming organization providing complete know how for surface finishing. We plan & realize turnkey paint shop. Continuous improvement of standard products, development of energy efficient equipment, implementation of state of the art control and use of premium quality materials ensure our customers receive a safe, reliable and quality product. Project management tools used by our installation team ensure timely completion and handing over of the paint shop.

## OUR MISSION

**STAR FIELD SYSTEM** is a leader in providing value-added services to our customers by creating a successful partnership with them throughout the making process. Our pledge is to establish lasting relationships with our customers by exceeding their expectations and gaining their trust through exceptional performance by every member.

## OUR VISION

To be a leader amongst the world's best surface finishing technology providers offering each of our clients customize, sophisticated, safe and environment friendly painting solution.



# STAR FIELD SYSTEM

**STAR FIELD SYSTEM** Product range covers almost everything in surface finishing equipment. We provide tailor made solution for metal pretreatment to final finishing.

We offer latest technologies in surface coating system. Our special focus is on offering a complete end to end solution under one roof. We also offer paint circulation systems, Manual, Automatic, Robotic applicators, heating system, water treatment & Effluent treatment plants, fire protection systems, Automation in material handling etc.



## OUR PRODUCT RANGE

Complete Powder Coating Plant  
Powder Coating Booths  
Curing Ovens (Oil / Gas fired & Electrical)  
Liquid Painting Booths  
Pre-treatment lines(Spray/dip)  
All type of belt conveyerised Ovens  
Servicing, Mfg & Installations  
And etc.....

## AREA OF APPLICATION

Automobile Components  
Control panels & switchgears  
Sheet metal fabricators components  
Aluminum Section & Die-casted Components  
Bicycle and it parts Ceiling fans and  
Electricals Hardware Goods  
Agriculture Equipments Machineries And many more...

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## POWDER COATING PLANT



Powder Coating is a advance environment friendly painting method of surface painting. In it coating is applied electro statically and is then cured under heat to allow it to flow and form a paint film. Powder Coating offer significant performance advantage with reduced cost. It also meets environment regulations. (No VOC emission, no paint sludge disposal)

The Powder Coating Plant Configuration depends upon size and shapes of the articles, coating quality required in conjunction with the color change intervals. Our specialists in surface coating have individual answer and concepts for all these requirements.

Conveyorized Powder Coating Plant are specially designed suitable for powder coating of high volumes, small & large size of components. The Conveyorized application gives better and uniform coating qualities with better process control. These plants can be supplied with automated painting guns are Reciprocators etc.)



**CONVEYER TYPE POWDER COATING PLANT**



**BATCH TYPE POWDER COATING PLANT**



# STAR FIELD SYSTEM

**STAR FIELD SYSTEM** a complete range of uniquely designed modular Powder Coating Booth and systems for both manual and fully automatic coating applications. We have several years experience in the design, manufacture, installation, commissioning and service support of powder coating systems and equipment. We have various Powder Coating Booths models along with wide range of Powder Coating Ovens. Highest efficiency in a Powder Coating Booth is always attained when the capacity, size and other specifications are most suited to the kind of work to be performed.



The following factors are important while selecting the most appropriate booth for a specific coating component:

- Size and shape of the article
- Weight of the article
- Recovery efficiency
- Rate of production/unit time (estimated powder consumption)
- Number of color changes/unit time
- Whether article is required to be indexed

## Powder Recovery Booth

The powder coated spray chamber with the multi-cyclone recovery gives almost 98% powder utilization. It is maintenance free and has a very long life. The powder booth is easy to clean, resulting, in a quick color change and is safe to operate. No powder spillage out of the booth and maximum recovery through the multi-cyclone result in pollution Control



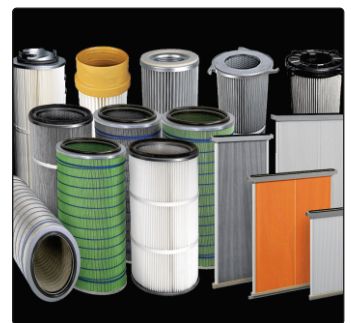
## Multi-cyclone Recovery System

Maximum powder efficiency of 98.5% with a ver gives the Multi cyclone an edge over other powder recovery systems the high velocity of powder in the multi cyclone reduces powder sticking, so cleaning time is negligible. Over sprayed powder is then sucked in by the blower through a cyclone recovery system, powder collected in the bottom more than 95% efficiency

## Cartridge Filter Recovery Systems

Cartridge Filter type booth with latest technology. Cartridge filter desing maximizes life and powder recovery. It provides more tha 95% efficiency

- Makes color change easy and quick due to absence of duct
- ensure that there is no contamination during color change
- occupies lesser shop floor area



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## LIQUIT PAINTING PLANT



Liquid Painting Plant 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 may be primer coat followed by top coat and can be followed by clear coat.

**STAR FIELD SYSTEM** Offering You Many Types Of Painting Booths

Side drought Painting Booth

Down drought Painting Booth

Dry Type Painting Booths

Car Painting Booth

### Benefits

Most efficient way of containing over sprayed paint.

Restricts paint over spray to a specified area.

Provides Optimum air velocity to exhaust the over spray without affecting spraying efficiency.

Provide for maximum operators comfort and reduced attendant health hazards.

Safe minimize risk of fire due to solved vapors and over spray deposits.





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## PRE - TREATMENT PLANT

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. Star Field System Provides You A Complete Pre-treatment System With An Option Of Spray Zone Or Full Dip Zone



### Pre-Treatment Plant – Spray Type

In the Spray Pre-Treatment process, there is a sequential arrangement of spray zone in a tunnel according to the tunnel is mounted on tanks containing chemicals from where the chemicals are pumped up to the spray zones and sprayed onto the articles through nozzles.



### Pre-Treatment Plant – Dip Type

In the Dip Pre-Treatment process there is a sequential arrangement of the process tank in accordance with the designed chemical process. The articles are hung on to a load bar or put into a cage/basket and are moved from one to another tank using overhead hoist arrangement with manual control or with the help of PLC controlled transporters..



# STAR FIELD SYSTEM

## POWDER COATING MACHINE

STAR FIELD SYSTEM is a leading supplier in India of Powder Coating Equipment. We sell equipment required for the powder coating process like Manual & Automatic Powder Coating Equipment, Electrostatic Powder Coating Gun, Powder optimization equipment and Powder Coating Booths.

### Powder Coating Spray Gun

#### Model Name: Arex

- Simple operating with all the controls on front panel
- 24 volts operating unit
- Maintenance free unit
- Self testing electronics section
- Placable PCB's for easy maintains
- Air filter regulator with gauge for controlled & moisture free air
- jonsot pneumatic fitting for long lasting
- Easy to for metallice powders



#### Model Name: Arex

- 12 volts operating units
- Maintenance free unit
- Self testing electronic section
- Separation of electronic & pneumatic section
- Air filter regulator with gauge for controlled & moisture free air
- Double operating unit
- Easy to use for metallic powder



#### Silent features of Equipments

Light Weight spray gun for easy handling  
Touch trigger for extra durability & 100% safety  
Special designed hopper having 20kg capacity  
High charging cascade, embedded in barrel  
H.V. bar for charging display  
No voltage drop constant charging  
Lowest maintains cost  
All equipment are based on earthing  
A unique charging cascade setting for the greatest flexibility for all type of powder  
Easy to operat





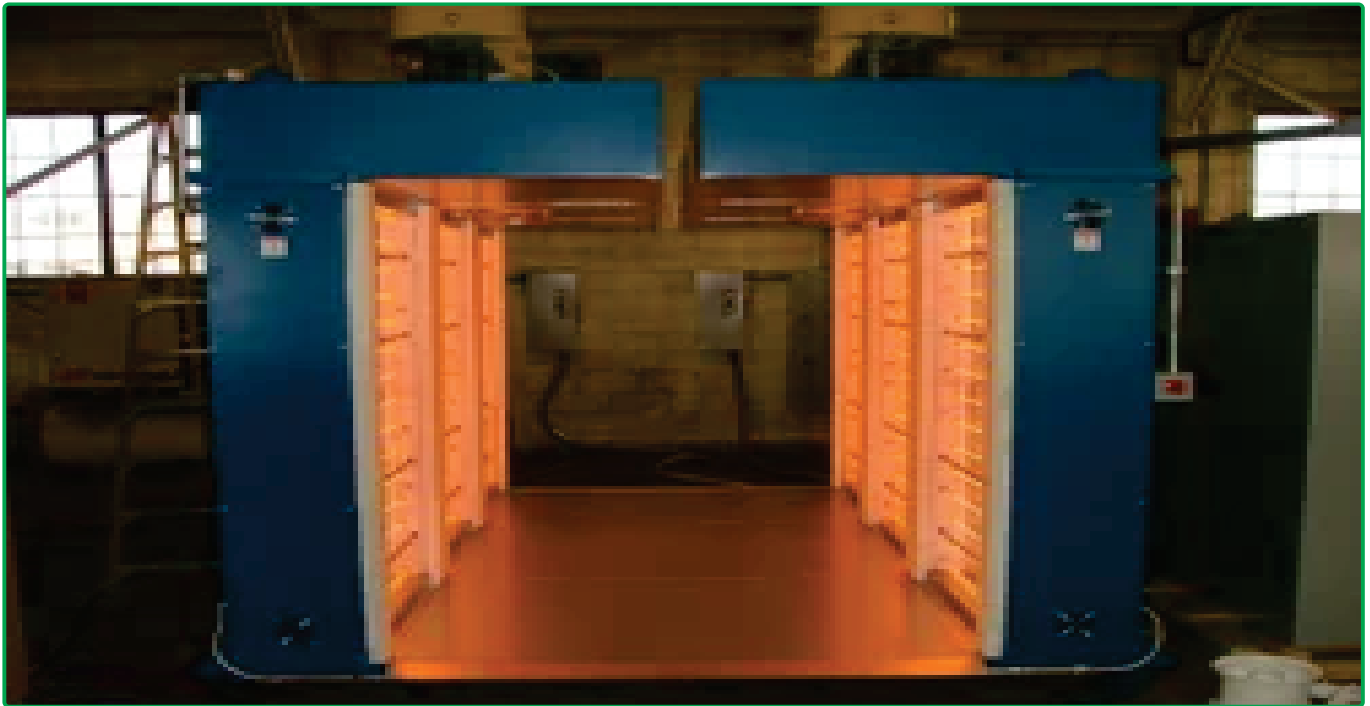
# STAR FIELD SYSTEM

offers a wide range of curing ovens based on Process and Fuel Sources:•

Electrical Heated•

HSD fired/ Gas fired with Direct and Indirect type Heaters•

IR Heaters & UV Heaters



## OUR LOCATION



# STAR FIELD SYSTEM

**Office: B75, Gali No.3, Milan Garden, Sabhapur Extn., Sonia Vihar, New Delhi - 110090, India**

**Works: G-5/5, G/F, Main 30 Ft. Road, Near Bedi Gas Agency, Sonia Vihar, New Delhi - 110094**

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