

*Welcome to*



**TECHExpert Engineering Pvt. Ltd.**

NANO TECHNOLOGY VENTURE



**GB neuhaus**  
NANO COATING SURFACE

**GB neuhaus GmbH, Germany**

**World Class Surface Finishing Technology**

# Company Profile

We are the leading designers and manufacturers in the field of surface coating plants and equipment's. We offer total solution in the field of surface coatings, from consultancy, designing, engineering and commissioning of tailor-made systems for powder coating, liquid paint coating and metal pretreatment for all types of applications requirement of finished coating for industrial and consumer goods.

The company Techexpert is a group company of Consultech has acquired rich experience of 20 years. Our best quality systems, excellent service back-up, the unmatched superior workmanship and user friendly design is our specialty. We also offer consultancy in plant operations and maintenance of the equipment's.

We design and manufacture the equipment's meeting customer 's exact requirement for its optimum production output & total satisfaction of our customers.

# Infrastructure



**Corporate Office:** TECHExpert House, 78 Shivane Industrial Area , Off NDA Road, Shivane - 411023 , India.

**Manufacturing Facility:** Gat No.734 to 722, Velu Phata, Velu, Tal. Bhor, Dist. Pune - 412205 India.

**Contact:** Mob: +91 +9191680332571/9627837129, [jvi@techexpertindia.com](mailto:jvi@techexpertindia.com) / [sales@techexpertindia.com](mailto:sales@techexpertindia.com)

**Website:** [www.techexpertindia.com](http://www.techexpertindia.com)



# Infrastructure



# World class surface finishing technology



**Conveyorised Paint  
Finishing Systems**



**Conveyorised  
Powder  
Coating Plant**



**Standard Paint  
Booths**



**Shot Blasting  
Systems**

# Featured Products

## PRETREATMENT

- Dip type / Spray type or combination – Batch type & Fully conversised
- Iron / Zinc Phosphating, Nano Ceramic

## CATHODE ELECTRODEPOSITION

- Intact design to meet the specified process & Quality (CED DFT) parameters
- Optimum CED bath recovery

## LIQUID PAINTING

- Manual / Semi auto/ Fully auto – Batch type / conversised - Side draft / Down Draft painting booths
- High Level of aesthetic design, intact booth balancing & scrubbing

## POWDERCOATING

- Manual + Auto Recipe – Batch type / Fully conversised Complete integration with Handling system & controls with Auxiliary system such as Powder recovery & filtration systems.

## PLASTIC PAINTING

- Complete system integration along with plastic pretreatment / Painting / Baking
- High Level of aesthetic design, dust control & intact booth balancing / scrubbing

## INDUSTRIAL OVEN & HEATING SYSTEMS

- Batch type – Continuous straight through / Camel back/ A type Robust design with accurate oven balancing for consistent Oven EMT, optimum fuel consumption

## PAINT SHOP UTILITES

- Hot water Generator, Filter press, RO DM plants, Chiller for CED line, Ultrafiltration & ASU's

# Key Solutions

**Powder Coating System**



**Paint Finishing System**



**Shot Blasting System**



**Painting cum Drying System**





# JOINT VENTURE

Nano Coating Technology Venture between TECHExpert India & GB neuhaus Germany





# Joint venture with GB neuhaus GmbH, Germany

## Nano Coating Technology Product Range



UV Block



Infrared Reflex



Hydrophilic



Anti-scratch



Hydrophobic



Anti-Static



Antimicrobial

# Recent Installations

CUSTOMER	TYPE	TYPE OF COMPONENT
HAITIAN INTERNATIONAL	DOWN DRAFT PAINT BOOTH	PLASTIC MODULDING MACHINS
PENTAIR INDUSTRIAL TECH SOLUTION	AUTOMATIC SPRAY PT & POWDER COATING PLANT	CONTROL PANNEL & CABINET
JOYGLOBAL INDIA PVT. LTD.	PAINTING AND BLASTING SYSTEM	MINING EQUIPMENTS
MERSEN LIMITED	DOWN DRAFT PAINT BOOTH	SPECIAL HEATING SYSTEMS
MICROFINISH PUMPS	PAINT BOOTH	MONOBLOCK PUMPS
NHK AUTOMOTIVE COMPONENTS	PAINTING SYSTEM	AUTOMOTIVE PARTS

# Previous Installations

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CUSTOMER	TYPE	TYPE OF COMPONENT
ATLAS COPCO	PAINTING SYSTEM	PNEUMATIC TOOLS & DYNAPAC
KIRLOSKAR OIL ENGINES LTD	SPRAY PT & PAINTING SYSTEM	OIL ENGINES
CUMMINS INDIA LTD	SPRAY PT	OIL ENGINES
MERCEDES-BENZ	LAB SPRAY PAINT BOOTH	TESTING PANNELS
SANDVIK	DOWN DRAFT PAINT BOOTH & PAINTING SYSTEM	MINING COMPONENTS
CROMPTON GREAVES	FLOOR CONVEYOR PAINTING SYSTEM	ELECTRIC MOTORS
SULZER	DOWN DRAFT PAINT BOOTH	PROCESS PUMPS
BOSCH	CONVEYORISED POWDER COATING PLANT	2 WHEELER BRAKE COMPONENTS
MAHALE FILTER	ZINC PHOSPHATING & CONVEYORISED PAINTING SYSTEM	AUTOMOTIVE OIL FILTERS
KIRLOSKAR BROTHERS LTD	DOWN DRAFT PAINT BOOTH SYSTEM	VALVES & PUMPS
JOTUN	LAB SPRAY PAINT BOOTH	TESTING PANNELS
TENGL	CONVEYORISED PAINT SHOP	ROLLER CHAIN COMPONENTS
TRANTER	DOWN DRAFT PAINT BOOTH & OVEN	PLATE HEAT EXCHANGER
JSW	PAINT DISPENSING SYSTEM	PRE COATED SHEET

# Previous Installations

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CUSTOMER	TYPE	TYPE OF COMPONENT
VIRGO	PAINTING SYSTEM	VALVES
BAYER	LAB SPRAY PAINT BOOTH	POLYURETHANE BASED COMPONENTS
MERCK	LAB SPRAY PAINT BOOTH	TESTING PANNELS
BECKERS	LAB SPRAY PAINT BOOTH	TESTING PANNELS
BURCKHARDT COMPRESSION	PAINTING SYSTEM (DOWN DRAFT PAINT BOOTH & OVEN)	GAS COMPRESSION SYSTEM
ESSAR	PAINT DISPENSING SYSTEM	PRE COATED SHEET
HYUNDAI	PAINT APPLICATION SYSTEM	ESCALATORS
JCB	PAINT APPLICATION SYSTEM	ESCALATORS
JOHN DEERE	PAINT APPLICATION SYSTEM	TRACTORS
UTTAM	PAINT DISPENSING SYSTEM	PRE COATED SHEET
MILTECH	CONVEYORISED PLASTIC PAINT SHOP	PLASTIC COMPONENTS
PIAGGIO	PAINTING SYSTEM	AUTORICKSHAW



## Recent Installations



MERSEN



HT HAITIAN  
INTERNATIONAL



PENTAIR



Mubea



TATA  
TATA TECHNOLOGIES



SEW  
EURODRIVE



GREAVES  
SINCE 1859



Schneider  
Electric



LESER



HYDAC



NHK



Kelvion



JOYGLOBAL  
PMH

# Esteemed Customers













































































# Features

- European paint booth technology
- Oversprayed paint is sucked in by the blower through synthetic glass fibre filter or metallic filter arrester.
- I Dry arresting of paint without water and chemicals.
- I Even suction over the full height of the booth.
- I Simple maintenance.
- I Ideal use for all type of paint applications.



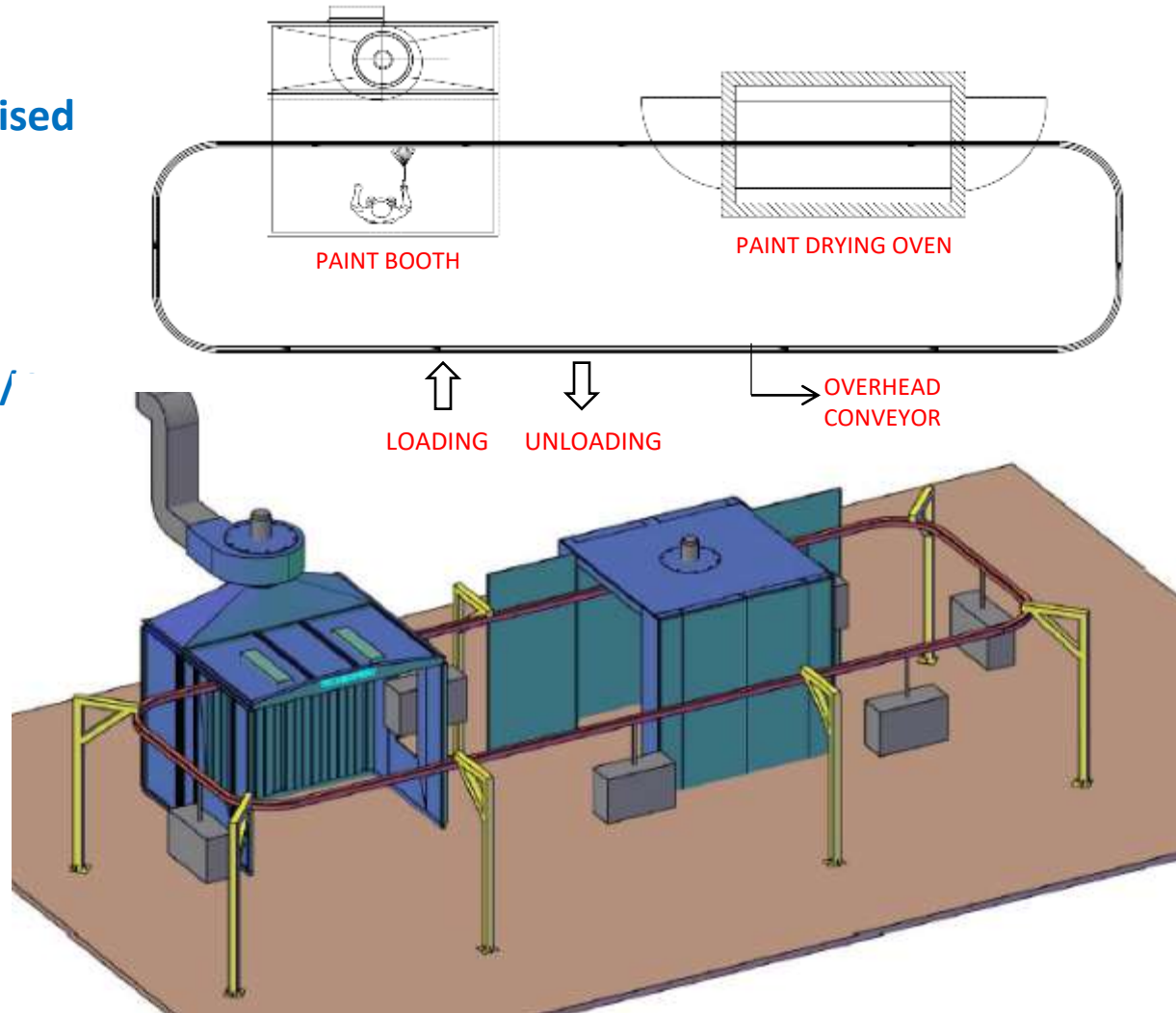
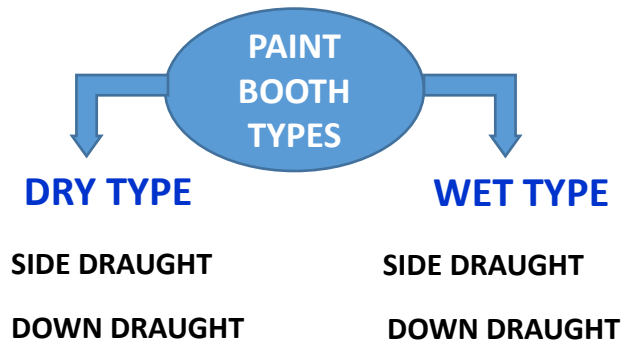




# FULLY AUTOMATIC / CONVEYORISED PAINT FINISHING SYSTEM

Fully Automatic or Conveyorised Systems consists of following equipment's –

- Paint Booth Dry /Wet type
- Paint Drying Oven – electrical/ heating
- Powered Overhead Conveyor
- Control panel



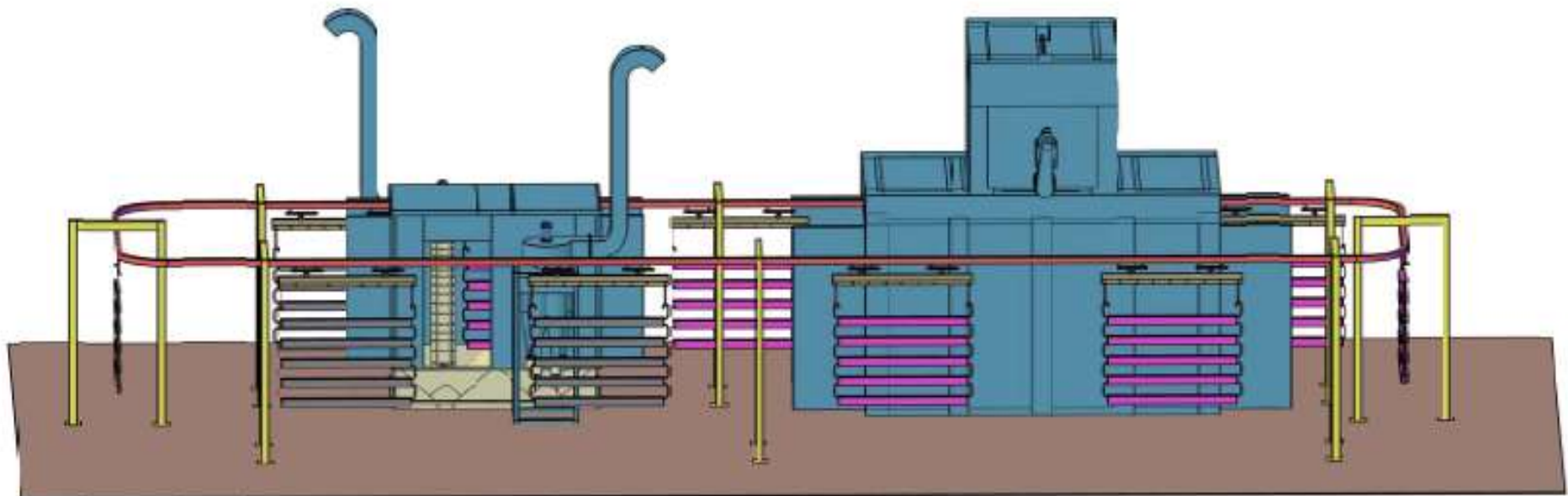
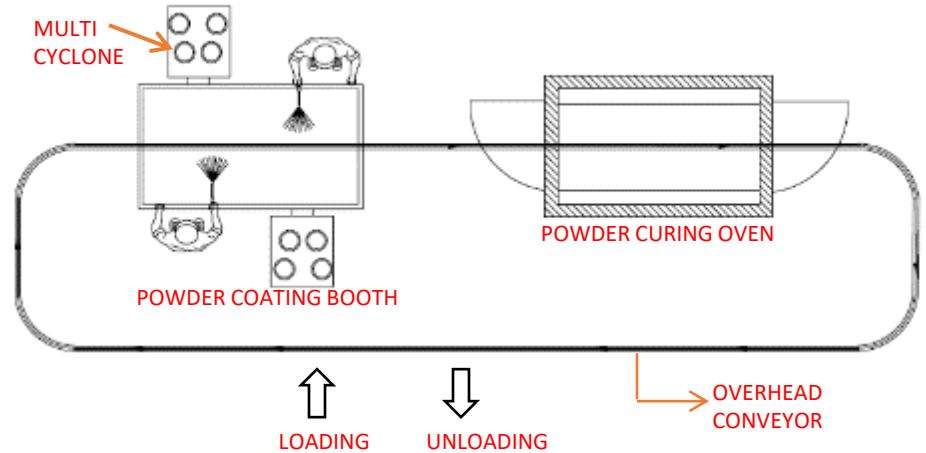






## Fully Automatic or Conveyorised System consists of following equipment's –

- Powder Coating Booth with multi cyclone
- Powder curing Oven – electrical/Gas heat
- Powered Overhead Conveyor
- Control panel



# Pentair Project



# Pentair Project





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# Thanks for your attention!



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