SSA

SHREE SAI ASSOCIATES

finishing solutions REDEFINED

POWDER COATING | LIQUID PAINTING | CED COATING



www.finishingsolutions.in

COMPANY PROFILE

We are established & recognized turnkey designer and manufacturer of *PAINT SHOPS* in *Powder Coating, Liquid Painting & CED Coating c/w Pre-Treatment Lines, Ovens, Booths* and complete range of *Paint Shop Systems, Water Treatment, Accessories & Spares*. Also pioneering in SUSTAINABLE ENERGY solutions like solar thermal and waste heat recovery system.

We have pan India presence having customer ranging from OEM's to Tier 1 & Tier 2 as well.

VALUES

The key policy is deliberating identification of customer need and culminating to best suited option for each customer which is time proven and credentials are depicted in repeated orders for over a decade. At times there are seventh or eight time repeat orders.

- **PASSION**
- **EXCELLENCE**
- **COMMITMENT**
- **COMPETITIVENESS**

INFRASTRUCTURE & PERSONNEL

With our FIVE multi locational manufacturing facilities our delivery is better than industry standards and to have a quick run through, we have the all the sheet metal and heavy material cutting, bending and welding facilities including TIG, MIG, Plasma & in house Powder Coating facilities for our delivered equipments.

We have diversified finishing solutions ranging from chemical, mechanical, dry, wet and advanced methods. SSA manufacturing facilities have state of the art Coating Plant functional since 2008. This facility aids our Research & Development (in Coating Plant Equipments), helps us to improve our designs and serves as training ground to acquire skills to powder coat components.

We have long experienced team, who are engaged in providing superior finishing solutions as per the industry needs.

Our team specialize in designing (2D, 3D Drawings), engineering(Mechanical, Electrical), automation (PLC's & SCADA), manufacturing(Welding, Assembly, Fitting), Erection & Commissioning(Conveying Systems, Piping) etc.

WHY US ?

- We deliver what we promise
- We deliberate extensively customer's need resulting in a customized solution
- Highly focused towards - Quality Control Delivery Service(QCDS) principle
- Experienced skill force
- Majority of manufacturing is in-house
- Constant improvements in our Designs, Products & Services.
- One time relationship sustains life time, unwritten warranty - lifetime

PRODUCTS & SERVICES

Turnkey Paint Shops
- Powder Coating Plants
- Liquid Painting Plants
- CED Plants
- Pre-Treatment Plants



Industrial Ovens
- Camel Back Ovens
- Gas/Diesel/Electrically Heated Batch Ovens
- Flat Bed Conveyorised Ovens
- IR Ovens
- Sleeving Oven



Powder / Paint Applicators
- Reciprocators
- Powder Coating Guns
- Powder Coating Auto Guns
- Powder Sieving Machines
- Powder Management Systems
- Central Powder Hoppers
- Liquid Painting Guns
- Liquid Paint Containers



Paint Shop Auxiliary Systems
- Oil Separator Systems
- Sludge Separation Systems
- Fume Extraction Systems
- Fumes Scrubbing Systems
- LPG Banks
- Mist Lubricators
- Auto Dosing Systems
- Recirculation Systems
- Paint Kitchen



Hot Water Generators

Hot Air Generators

Material Handling Conveyors
- Over Head Four Wheel / I Beams
- Flat Bed Metal / Non Metallic Belt Typ
- Overhead Mini Conveyor



Finishing Services
- Insulation and Lagging
- Fibre Lining
- Ducting
- Piping - Hot Water and utilities
- Hot Zinc Spray
- Glass/Grit/Shot Blasting











Pretreatment Plants
- Spray Pretreatment Plant
- Dip PLC Controlled Transporter Lines
- Dip Hoist Based Pretreatment Lines
- Shot / Blasting Systems

Liquid Painting Booths
- Water Wall Types
- Dry Filter Types
- Bottom Suction Types
- Car Painting & Curing Booths

Powder Coating Booths
- Cartridge Types
- Multicyclone Types
- Monocyclone Types
- Post Filters - Cartridges/Bags
- Nano Cartridge Booth - on wheels
- Cloud Chambers

Water Treatment Plants
- RO Plants
- DM Plants
- Effluent Treatment Plants
- Sewage Treatment Plants
- Water Softener Plants

Air Handling Systems
- Dry / Cellulose Type
- Air Blowers
- Dust Collectors

Aerosol Spray Bottles

Laboratory Instruments

Burners : Oil / Gas / PNG

Acoustic Chambers

Paint Shop Spares

Paint Shop Services
- AMCs
- Paint Shop Coating Contracts
- Paint Shop Training
- Paint Shop Relocation
- TTR or Oven Profiling
- Paint Shop Audit Services

By E-DURABLES:

"Shree Sai Associates has installed Powder Coating Plant for Air Conditioners & we get seamless support towards upgradation & modifications where ever required."

POWDER COATING LINES





POWDER COATING LINES

POWDER COATING HAS COME A LONG WAY FROM COATING ON METALS TO SUBSTRATE LIKE MDF & GLASSES. THIS IS ENVIRONMENTAL FRIENDLY AND EASY TO APPLY TECHNOLOGY ALREADY POPULAR IN VARIOUS INDUSTRY SEGMENTS.



- CONVEYORISED SPEED 0.2 TO 8 M/MIN
- RECOVERY FROM MONO TO MULTI CYCLONE TO CARTRIDGE
- MANUAL BACK TO BACK TO FULLY AUTOMATIC
- ARTICLE FEW INCHES TO 8 MT. LONG
- WEIGHT FEW GRAMS TO ABOVE 2500 KG.
- ANY INDUSTRY SEGMENTS
- INNOVATIVE CUSTOMIZED SOLUTIONS



Features:

- HIGH RECOVERY AND MINIMAL WASTAGE DESIGNS
- QUICK AND EASY COLOR CHANGE FEATURES
- UNIFORM COATING BY CORONA/TRIBO TECHNOLOGY
- NOVEL POWDER MANAGEMENT SYSTEM
- FACTIONAL YET SIMPLE DESIGN

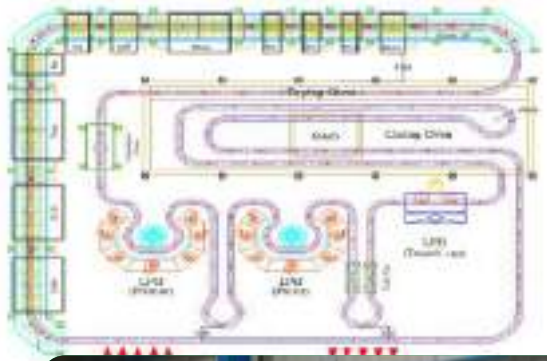
LIQUID PAINTING LINES





LIQUID PAINTING LINES

ALREADY POPULAR AND WIDELY USED TECHNOLOGY, PRESENT IN ALMOST EVERY INDUSTRY. NO OF COATS & BAKING DEPENDS ON QUALITY AND FUNCTIONALITY TO BE ACHIEVED OUT OF THE PAINT



CONVEYORISED SPEED 0.2 TO 5 M/MIN.

SIDE DRAFT TO BOTTOM DRAFTED WITH DRY TO WET WALL DESIGN

MANUAL BACK TO BACK TO FULLY AUTOMATIC

ARTICLES INCL. BUS BODY, HARVESTER COMBINE

ANY INDUSTRY SEGMENTS

INNOVATIONS FOR CUSTOMER NEEDS



Features:

- OPTIMALLY DESIGNED FOZ SPACING
- FRESH AIR SUPPLY UNITS WITH MULTI STAGE FILTRATION
- WELL VENTILATED PAINTING AREA / BOOTH FOR PAINTERS
- SINGLE TO MULTI COATS & MULTI BAKES
- MANUAL TO SELF ROTATING JIGGING SYSTEM
- RANGING WIDE SUBSTRATES METAL, ABS, WOOD

By ORIENT FANS:

We have been sourcing one number of Powder Coating & Liquid Painting Plant and accessories & confirm them as trustworthy supplier

CED COATING LINES









CED / E-COAT LINES

CED IS A WATER BASED TECHNOLOGY GAINING GROUNDS IN SURFACE FINISHING INDUSTRY DUE TO ITS UNIFORM DEPOSITION (UP TO 20 MICRON) WHICH GIVES EXCELLENT MECHANICAL AND CHEMICAL DURABILITY.

DUNKING TO SPRAY CUM DIP TYPE SYSTEM

SURFACE PREPARATION UP TO 14 STAGES

PLC & SCADA CONTROLLED SYSTEM

SINGLE TO QUADRUPLE PLC OPERATED TRANSPORTER

PLANTS SETTLED UP FOR AUTOMOBILE TO HEAVY INDUSTRIES

Features:

- BAG FILTER AFTER EACH STAGES
- DESIGNED TO ACHIEVE UNIFORM COATING WITH LEAST SHADOW AREA
- INLINE CURING OVEN WITH OPTIMAL MATERIAL HANDLING

PRE TREATMENT LINES









PRE-TREATMENT PLANTS

THE QUALITY / FUNCTIONALITY OF FINISHING DEPENDS A LOT ON HOW THE SURFACE IS PREPARED. WE DESIGNED TO PREPARE THE SUBSTRATE FOR COATING WITH THE BEST SURFACE PREPARATION SUCH AS CHEMICAL & MECHANICAL INTEGRATED WITH HEATING SYSTEM, MATERIAL HANDLING SYSTEM, AUTO WATER/AIR/CHEMICAL DOSING SYSTEM, ONLINE OIL & SLUDGE FILTRATION / SEPARATION, WATER & CHEM ICAL RE-CIRCULATION SYSTEM.

DESIGN TYPE - DIP, SPRAY, SPRAY CUM DIP.
INLINE WATER DRYING TO CONVEYORISED DRYING
PLC CONTROLLED & SCADA INTEGRATED
AUTOMATIC PARAMETER DOSING AND MAINTENANCE

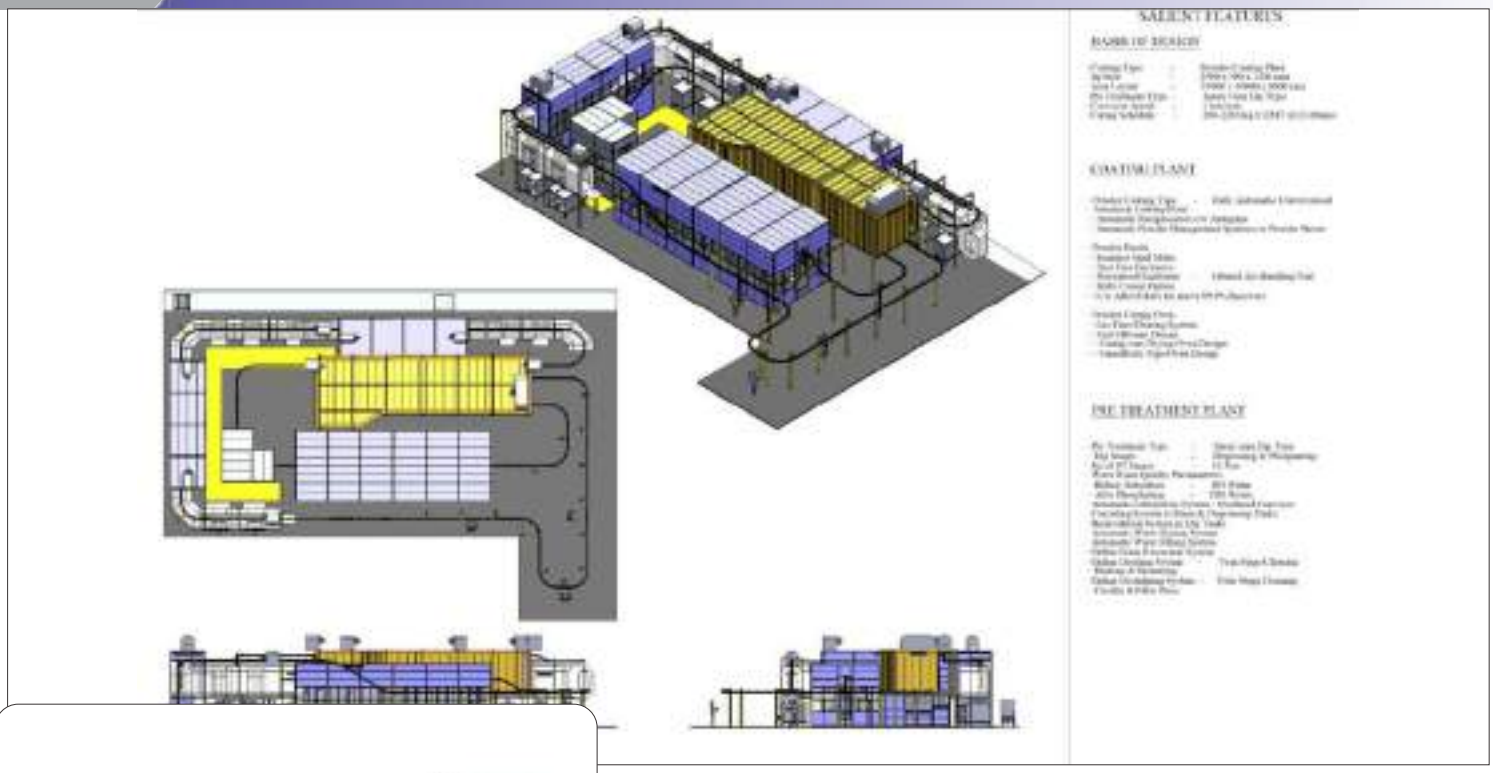
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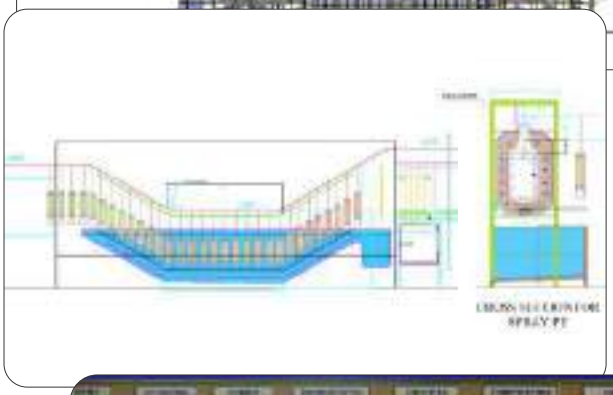
- INLINE OIL & SLUDGE SEPARATION
- PARAMETERS MAINTENANCE THROUGH AUTO DOSING SYSTEM
- INDIVIDUAL TANK HEATING TO CENTRALIZED HEATING SYSTEM
- INTEGRATION OF TRANSPORTER WITH EXISTING PT LINE

By GEMTCH CABLES:

"SSA delivered our maiden PCP at vadodara which came up more than our expectations & we were enthused after our customer Schneider acknowledged it a good plant to benchmark for the other supplier in the region."

ENGINEERING









BEING AN EPC COMPANY WE ENGINEERED OUR PRODUCTS BY TECHNICALLY, COST EFFECTIVELY AND IN DESIGN ASPECT. THROUGH THIS WE ENSURE OUR PRODUCTS FUNCTIONING, ENERGY CONSUMPTION & OPERATIONAL COST FOR THAT PLANT.

DESIGN ENGINEERING:

OUR DESIGN IS UNIQUE AND BEST IN INDUSTRY, WITH TECHNICAL VALIDATION FOR EASY TO MANUFACTURING AND MAINTENANCE. THIS INNOVATIVE DESIGNS SUITED FOR CUSTOMER APPLICATION LEADS US IN THE MARKET

HEAT LOAD ANALYSIS:

HEATING SYSTEM DESIGNED BY US THEORETICALLY & PRACTICALLY TRIED & TESTED. THROUGH WHICH WE CAN MAKE COMMITMENT FOR ENERGY CONSUMPTION EARLIER THE SYSTEM BEING INSTALLED.

COST ENGINEERING & ANALYSIS:

HEATING SYSTEM DESIGNED BY US THEORETICALLY & PRACTICALLY TRIED & TESTED. THROUGH WHICH WE CAN MAKE COMMITMENT FOR ENERGY CONSUMPTION EARLIER THE SYSTEM BEING INSTALLED.

BATCH PLANT EQUIPMENT

SSA



POWDER COATING

- Front Loading Booth
- Side Loading Booth
- Single & Double Operator Booth
- Ground Booth



- Single to multi stage recovery
- Recovery upto 99%
- Recovery technology - cyclone, multi-cyclone, bag - filter, reverse pulse jet cartridge system





LIQUID PAINTING



- GROUND BENCH OR OVERHEAD LOADING SYSTEM
- WET TYPE SIDE DRAFT BOOTH
- DRY TYPE SIDE & BOTTOM DRAFT BOOTH







- SINGLE & DOUBLE OPERATOR BOOTH
- SMALL LAB BOOTH TO GIANT BOOTH

By JCBL:

We acknowledge that the Powder Coating Plant for long article has been supplied by SSA with good design at very low capital cost."

INDUSTRIAL OVENS

BATCH SYSTEM

- DESIGNED FOR OPTIMAL FUEL CONSUMPTION
- FUEL - LPG/PNG, DIESEL, ELECTRIC
- EFFICIENT & DURABLE HEAT EXCHANGER
- DESIGNED FROM DIRECT TO INDIRECT


ELECTRICAL OVEN


INLINE WATER DRYING OVEN


IR OVEN


Portable Hot Air Generator


GAS / DIESEL OVEN

CONVEYORISED SYSTEM

- UNIFORMITY IN TEMPERATURE
- FUEL - LPG/PNG, DIESEL, ELECTRIC
- DESIGNED FROM DIRECT TO INDIRECT
- TEMP RANGES FROM 60 TO 300 Deg C


SLEEVING OVEN


DRYING OVEN


CAMEL-BACK OVEN


GROUND CONVEYORISED OVEN


FLAT BED CONVEYOR OVEN

PT ACCESSORIES



OIL SEPARATION SYSTEM

TO MAINTAIN THE CONSISTENCY IN QUALITY KEEPING THE IMPURITIES AT MIN. LEVELS AND REDUCING HAZARDS

- OIL REMOVAL SYSTEM -
  FOR OIL REMOVAL IN DEGREASE TANK

- HOT WATER GENERATOR
  FOR MAINTAINING THE TEMPERATURE IN HOT TANKS



HOT WATER GENERATOR



AUTO DOSING SYSTEM

- AUTO DOSING -
  AIR / WATER / CHEMICAL / DOSING FOR BETTER QUALITY MAINTENANCE

- FUME EXTRACTION SYSTEM
  FOR HARMFUL FUMES REMOVAL FROM THE PT LINE



FUME EXTRACTION SYSTEM



HOT WATER / PT PIPING

- PRE-TREATMENT PIPING
  HOT WATER COIL DISTRIBUTION
  AIR AGITATION PIPING

- ONLINE CLEANING & RE-CIRCULATION SYSTEM

- SLUDGE SEPARATION SYSTEM
  FOR SLUDGE REMOVAL IN PHOSPHATE TANK



SLUDGE SEPARATION SYSTEM

By SIETZ TECHNOLGY:

"We are happy to have retained Shree sai Associates for supply of turnkey Paint shops for Powder Coating * Liquid Painting system for seats & agricultural equipment."

MATERIAL HANDLING



DESIGNED TO CATER VOLUMES, RESULTS CONSISTENCE, REDUCE MANUAL HANDLING, INCREASES QUALITY

- OVER HEAD CONVEYING SYSTEM
  4 WHEEL CHAIN TYPE



- OVER HEAD CONVEYING SYSTEM
  I-BEAM



- OVER HEAD CONVEYING SYSTEM
  MICRO CHAIN



- BELT AND ROLLER CONVEYORS



- ELECTRIC HOIST



- TRANSPORTERS (PLC BASED)

SPECIALS PRODUCTS



CHAIN CONVEYORISED POWDER BOOTH

- LOW COST HIGH PRODUCTION
- EASY MATERIAL HANDLING
- BEST SUITED FOR SMALL ARTICLES
- INTEGRATION IN EXISTING BOOTH

- DRY FILTER TYPE BOOTH
- BEST SUITED FOR SMALL ARTICLES
- LOW CAPITAL & OPERATIONAL COST
- C/W PAINT STORAGE BOX



MICRO LIQUID BOOTH



POWDER MANAGEMENT SYSTEM

- AUTOMATIC SIEVING SYSTEM
- COMPACT & EASY TO INSTALL
- INCREASE POWDER REUSABILITY
- REDUCES OPERATIONAL COST

- INCREASE PRODUCTIVITY WITH LOW COST
- ADD UP WITH EXISTING SYSTEM
- COMPATIBLE WITH REGULAR KIND OF PRODUCTS



AUTOMATIC RECIPROCATOR



MICRO POWDER BOOTH

- COMPACT IN DESIGN WITHOUT ANY DUCTING
- EASY TO MAINTAIN
- SUITABLE FOR SMALL ARTICLES
- CARTRIDGE TECHNOLOGY BASED

- PORTABLE BOOTH WITHOUT ANY DUCTING
- POWDER GUN MOUNTED ON THE BOOTH
- LOW POWDER WASTAGE APPROX (0.1%)
- LOW COST QUALITY PRODUCT



NANO CARTRIDGE BOOTH



JIG ROTATING SYSTEM

- SUITABLE FOR CYLINDRICAL KIND OF OBJECTS
- AUTOMATIC SENSE, REVOLVE & PAINTING
- HIGH PRODUCTION WITH GOOD QUALITY

- SUITABLE FOR VERY LARGE ARTICLES
- LESSER CAPITAL & OPERATIONAL COST
- LOW POWER CONSUMPTION



LARGE & MEGA DRY LIQUID BOOTH

By AMBER ENTERPRISES:

" We have repeatedly sourced our paint shops and systems from Shree Sai Associates & over nine paint shops had been purchased in last decades. We vouch them as a competent & reliable associate."

SUPPLEMENTRY SYSTEMS



WATER TREATMENT SYSTEMS

- Effluent Treatment Plant
- STP Plants
- Water Softener Plants



GAS BANK

Combination of gas cylinders manifolds
Industrial & Commercial purpose



AIR HANDLING SYSTEMS

AVOID DUST INCIDENCE IN PAINT SHOP
MULTI LEVEL OF AIR FILTRATION



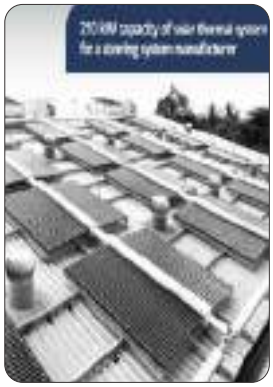
GUN, BURNER & SPARES

FROM THE INPUT TO DISCHARGE, THE PARAMETERS LIKE pH, TDS, CONDUCTIVITY OF WATER NEEDS TO BE MAINTAINED



AEROSOL BOTTLES

TOUCH UP FOR POWDER COATED & PAINTED PRODUCTS
QUICK DRYING TECHNOLOGY



ENERGY SOLUTIONS IN ASSOCIATION WITH AEPL

ENCOURAGES GLOBAL GREEN VISION, SWITCHING TO RENEWABLE FOR ENERGY USED IN PAINT SHOPS

- SOLAR WATER HEATING SYSTEMS
- SOLAR THERMAL SYSTEMS

PAINT-SHOP LAB EQUIPMENTS



Chemical Apparatus
Testing Equipments
Sample Testing Chemicals

RO/DM PLANTS

Maintain the industrial Water TDS requirements
RO water for drinking purpose also



CLIENTELE

The customers shown here are inclusive whatever promoters have been actually associated in EPC delivery

END CUSTOMERS

INDUSTRY CATERED









By FORZA MEDI:

"Shree Sai Associates has been associated with us for over a decade. After their first conveyorised installation we have purchased second bigger double online booth Powder Coating Plant & the performance is better than promised."



SSA

WE SAY WHAT WE DO; WE DO WHAT WE SAY

Manufacturing Units :

1) 8 Indra Industrial Complex
Sector 87, Tigaon Road, Faridabad - 121002

2) 10 Indra Industrial Complex Sector 87, Faridabad - 121002

3) Plot No. 62, UPSIDC, Kotwan Kosi, UP

4) Harinagar Old Faridabad - 121002

Corporate & Design Office:

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