



BS PROJECTS
PRIVATE LIMITED

"BS Projects Keep Your Plant Pollution Corrosion-Free. So You Focus on Growth"



About Us

We are pleased to introduce ourselves, engaged in design, manufacturers and supply of various items in Metallic (C.S and S.S) Non Metallic such as FRP (GRP) fiberglass reinforced plastic manufacturers made of FRP (GRP), CPVP-FRP, ECTFE-FRP, PFA-FRP, FEP-FRP, CS-FRP, EPOXY, PHENOLIC, FURANE etc., such as Process Equipments, Reaction Vessels, Storage Tanks, Pollution Control Equipments (Scrubbers, Separators, Blowers, Stacks etc.), Absorbers, Towers, Dryers, Exhaust Systems, Pipe manufacturers & Fittings, Floor Gratings, Cable Trays etc

We specialize in:

"Advanced Manufacturing Capabilities

We specialize in crafting high-quality products from diverse materials, including:

- FRP (Fiber Reinforced Polymer)
- Thermoplastics: PPH, PVDF, PTFE, ECTFE
- Stainless Steel (SS)
- Carbon Steel (CS)

Chemical-Resistant Solutions

Our products feature multiple layers and protective coatings, ensuring durability and resistance to harsh chemical environments.

Expert Solutions for Industrial Applications

High-quality products crafted from FRP, Thermoplastics (PPH, PVDF, PTFE, ECTFE), Stainless Steel (SS), and Carbon Steel (CS). Our chemical-resistant solutions feature multiple layers and protective coatings, customized to meet diverse industrial needs."

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PROCESS EXHAUST SCRUBBING SYSTEM (PEX)

Fume Exhaust System :

Fume scrubbing systems of various types to suit individual requirement complete with scrubbing system to scrub fumes of HCL, HF, HNO₃, H₂SO₄ etc.

Automated Control System

- Advanced Automation Solutions
- PLC Controlled Systems
- Real - Time Process Controlled
- Automated Efficiency Boost



Scrubber System :

- Cleaner Air Solution
- Reduced Emissions Now
- Pollution Control Systems
- Eco Friendly Technology



Multistage Scrubbing System

Project Volume & Experience

- Solar Sector Expertise: 7 completed Fume Exhaust System projects in the solar sector, with 2 ongoing projects
- Long-standing Presence: Established presence in the solar sector since 2014
- Repeat Business: Repeat orders from satisfied clients over the last 10 years
- Complete Solution Provider: We offer end-to-end solutions for exhaust systems, including:
 - Design engineering
 - Fabrication
 - Installation
 - Electrical and automation integration

Key Revenue Driver:

Fume Exhaust Systems are a major revenue contributor for our company, leveraging our expertise and specialization in this area

System & equipment Installed

2011 to 2025

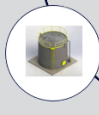
Scrubber

500+ installations



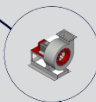
Tanks

2700+ installations



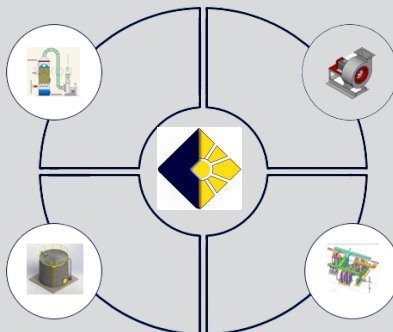
Blowers

3000+ Working



Ducts & Pipe Projects

120+ projects



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Annual Capacity

Process Exhaust System (Scrubber)

75 + Mfg. & installations

Blowers

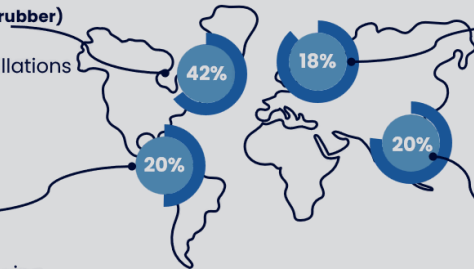
250+ Manufacturing

Tanks

300+ Manufacturing

Duct & Pipes Projects

30+ Projects



Project Volume Highlights

- * Over 600 projects completed successfully
- * Experience in handling projects of varying sizes and complexities
- * From small-scale to large-scale turnkey projects
- * Serving diverse industries, including:- Solar Cell MFG. - Steel - Chemical - Pharmaceutical - Food Processing - and more

Key Statistics

- * Over 600 projects completed successfully
- * Largest project handled Rs.28CR (Fume Exhaust System - Solar Cell Mfg.)
- * Key performance metrics: - Repeat business rate: 80%+
- * Industry expertise: 10 years of experience in [Solar Cell Mfg. sector- Exhaust system].

Our Goal:

To become one of the top 3 Non-Metallic Fume Exhaust System manufacturer & installed project companies in India with complete solution

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PROCESS EQUIPMENTS

BS PROJECTS specializes in the design, manufacture and installation of Metallic Non Metallic - FRP Tanks, Thermoplastic the best material for process tanks. 100% Thermoplastic & FRP is a high-strength, monolithic material that will not corrode, become brittle, or de-laminate, even when exposed to aggressive chemicals, over very long periods of time. It has very low moisture absorption, is compatible with both high and low temperatures, and has excellent thermal insulating properties. It is exceptionally stress and crack-resistant, and has excellent dielectric properties.

Capacity

**Wide Range of Tanks from : -
0.1KL (100 Liters to 250KL (250000 Liters)**



Storage Solutions

- Ultra Water Storage Tanks
- Chemical Storage Tanks
- Safe Storage Systems
- Durable Chemical Handling

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Blowers

Centrifugal blower/Centrifugal fan is generally used to exhaust air/fumes/gases and generally used in a industrial plants. In centrifugal blower/Centrifugal Fan - air/steam/gases/fumes enters through suction nozzles in axial direction & the same air/steam/gases/fumes throw out tangentially from discharge nozzles.

MOC: Metallic, Non Metallic and Thermo Plastics - PPH, FRP

Range

Flow Range: - 170 to 5,00,000 CMH

Pressure: 50 to 1000 mmwc

Blower Solutions

- High Efficiency
- Reliable Performance
- Low Maintenance
- Customized Options



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Ducting & Piping

The range of pipes / ducts dimensions and characteristics offered is wide and able to meet many different applications requirements. They can be produced in any diameter from 25mm to 4000 mm. Standard lengths are 3,4 and 5 meters however customized lengths are available on request. In Metallic S.S, GI, Spiral, Non Metallic and Thermo Plastics - PPH, PPS, FRP

Design Features

- Low Pressure Drop
- Efficient Fume Capture
- Optimal Carrier Velocity
- Seamless Process Integration



Exhaust Duct Solution

- Customize Designs
- Optimized Flow
- Durable Build
- Corrosion Resistant

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Design & Development Softwares

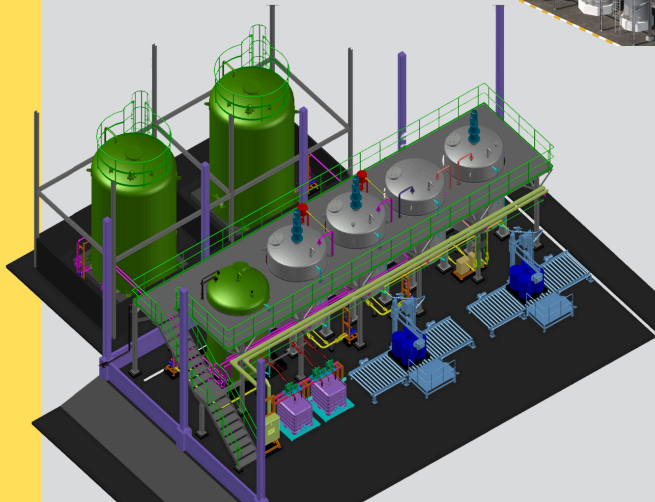
- Ansys: for Design Engineering Simulations
- Aspen: Chemical Process Simulator
- Cad & Auto Cad 3D
- Solid Works

Advanced Design Solutions

- Tailored System Design
- Process Optimization
- Efficient Design
- Customized System Expertise

World-Class Design Tools

- Simulation Software
- Design Analysis
- Optimization Expertise

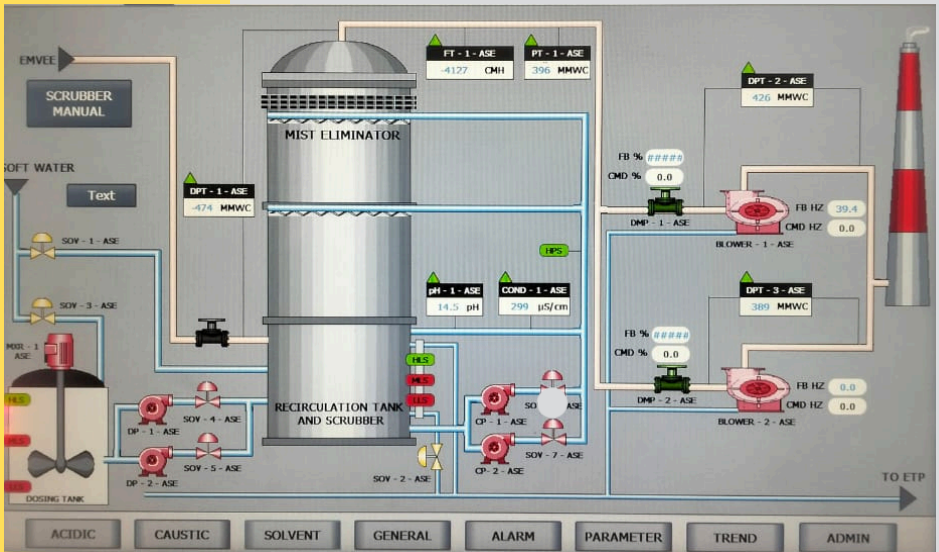


EACH PRODUCT DESIGNED AND ENGINEERED USING ADVANCED

Total Turnkey Project Solutions with Automation

We deliver comprehensive solutions that empower industries through:

- SCADA systems for real-time monitoring and control
- Siemens PLC automation for efficient process management
- Automated dosing systems for precise chemical handling
- Seamless integration of exhaust systems with manufacturing processes



- **"Innovating Tomorrow with Total Turnkey Solutions"**
- At **BS Projects**, we're committed to delivering cutting-edge automation solutions that transform industries. Our expertise in total turnkey projects empowers businesses to.
- **Boost Efficiency:** Streamline operations, reduce downtime, and maximize productivity.
- **Ensure Precision:** Implement precise control systems that minimize errors and ensure consistency.
- **Optimize Processes:** Leverage data-driven insights to refine operations, reduce waste, and improve overall performance.

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Our Clients in Solar Industries Solar Cell and Semiconductor Industries



Our Expertise

With over 10 years of experience and 9 successful turnkey projects, we've established ourselves as a trusted partner in the industry.

Our first operational project dates back to 2014. Our team boasts extensive expertise in designing and implementing **process exhaust systems, including scrubbers**, tailored to the specific needs of solar cell manufacturing."

Expert Solutions for Solar Cell and Semiconductor Industries

- Handling corrosive fumes and chemicals with expertise
- Designing double-contained chemical areas for enhanced safety
- Implementing hazardous vapor detection systems
- Cost-optimized solutions for competitive advantage

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