



Pure Air for  
a Healthier  
Tomorrow



+91 91501 82430   +91 90033 82430   +91 70197 82190

No 5/516 plot No 48 Annamalai Nagar First Cross Dharga, Hosur-635126

## About us

Concept Enterprise is a leading innovator in Sheet Metal Industry, dedicated to providing high-quality products and services. Founded in 2015, we have built a strong reputation for excellence and customer satisfaction. Our team of experts focuses on delivering cutting-edge solutions that meet the evolving needs of our clients.

We prioritize sustainability ensuring that our operations are environmentally responsible. With a global presence, we are committed to creating value and fostering long-term relationships. At Concept Enterprises, we believe in continuous improvement and the power of collaboration. Our mission is to drive progress and exceed expectations in every project we undertake.

## DESIGN & MANUFACTURES OF

- ◆ POWDER COATING BOOTH | WITH OVEN
- ◆ PAINTING BOOTH | SPRAY PAINTING BOOTH
- ◆ PRE TREATMENT LINE
- ◆ CENTRIFUGAL BLOWER (MS, SS, PP & FRP)
- ◆ CYCLONE SEPARATORS ( MS & SS)
- ◆ SCRUBBER ( MS, SS, PP & FRP )
- ◆ FRESH AIR SYSTEM (AHU )
- ◆ HEAVY CHIMNEY
- ◆ BAG FILTERS
- ◆ ALL TYPES OF CONVEYORS AND CUSTOMIZED POWDER COATING & PAINTING PLANTS
- ◆ ETP, STP, DM AND RO PLANT

## BLOWER



We design and manufacture new blowers for all kind of applications in line with current industry standards. Creativity and innovation are inbuilt in our Concept Enterprises culture. Blower casings are made up of MS, SS, PP & PVC materials depending upon the application. Impellers are dynamically balanced and tested as Indian Standard 4894. Entire life cycle of blower will be taken care by Concept Enterprises expert team. For the benefit of customer we also perform servicing of existing blowers at customer end.

Ranges: 250 m<sup>3</sup>/hr to 105000 m<sup>3</sup>/hr or 1 hp to 250 hp

## TYPES OF BLOWERS WE MAKE

- ◆ Positive Displacement Blowers. Rotary Lobe Blowers.Helical Screw Blowers.
- ◆ Centrifugal Blowers.
- ◆ Multistage Centrifugal Blowers.
- ◆ High-Speed Blowers.
- ◆ Regenerative Blowers.
- ◆ DWD Blower for Drier
- ◆ Bb10 Blowers for Rice Mills.



## WITH DIFFERENT TYPE OF MOC

- ◆ MS Blower
- ◆ SS Blower
- ◆ PP & FRP Blower



## DUST COLLECTION SYSTEM

Customised Dust Collection System (DCS)/Fume Extraction System is an air pollution control equipment which draws harmful particulate matter/fumes released from a manufacturing process in to the work environment, then filters/purifies the hazardous fine dust/fumes, fine contaminant particulate matter and finally releases the clean air to the atmosphere. We Design & Manufacture new Dust Collection System. Our DCS are suitable for Process based Industries such as cement, sugar, power plants etc., we supply spares and undertake DCS repairing/servicing work at customer end. We are experts in Turnkey system implementation.



We successfully handle both filter bag type dust collector and cartridge type dust collector.

We do deliver DCS for MDC and APH application suitable for boilers.

- ◆ Robotic welding zone application
- ◆ Mining industries
- ◆ Power plant application suitable for coal and bagasse
- ◆ Plastic injection molding application
- ◆ Chemical plant application



## SCRUBBER

Scrubber (Dry & Wet) is an air pollution control device. It removes the particulate matter or gases from an industrial exhaust or flue gas stream. Concept Enterprises has engineered scrubbers and involves in design, manufacture and servicing of scrubbers in line with industry requirements for more than a decade.

### WITH DIFFERENT TYPE MOC

- ◆ MS, SS, MS + FRP
- ◆ PP, PVC



## CYCLONE SEPARATOR

Cyclone separator is a separation device that uses the principle of inertia to remove the particles of matter from exhaust. We handle single stage and multistage cyclone separator for servicing with at most priority and do Turn-key system implementation as well. We do care of these equipments till its life cycle.

- ◆ Industrial application
- ◆ Flour mill application
- ◆ Quarry application for sand classification

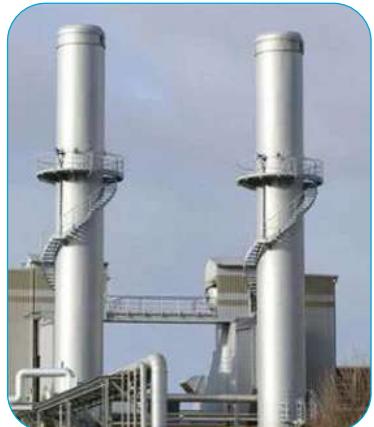


## CHIMNEY

The self-supported metallic chimney is most preferred system to exhaust the hot gases to the environment to avoid the living creature's inhale the harmful substances in the gas. We deliver optimal and accurate chimney system solution for various industrial application which includes MS, SS and other non-metal PVC chimney.

Civil construction required for the chimney installation like chimney foundation, foundation bolt etc., will be done by team Concept Enterprises on their own. Our civil team is dedicatedly working for these kinds of application. Our team takes care for the entire package regarding chimney installation.

Ranges - Diameter: 250 to 5000 mm Height: 10 m to 100 m



## DUCTING & DUCTING WITH INSTALLATION

We are experts in providing suitable ducting systems in line with varying industrial applications. We provide Circular, Square, Rectangular & elliptical cross section ducts. Duct materials include MS, SS & GI. We also carry out duct erection and needed implementation activities. On time delivery to the customer is the main key of our success.

- ◆ Round Type
- ◆ Square Type
- ◆ Rectangular Type
- ◆ Elliptical Type
- ◆ Spiral Type

We do ducting along with insulation also



## PAINTING BOOTH

There are variety of automated paint booth as per the customer requirement and application can be delivered by Concept Enterprises. Both manual and automatic paint booth with all range of equipments for various industrial applications can be handled by the Concept Enterprises team as a turn-key solution. The paint booth is self-reliant.



## POWDER COATING PLANT | OVEN



Turn-key implementation of automatic powder coating plant can be designed and manufactured by Concept Enterprises and team.

In the same way manual painting for low cost operation in optimized manner can be delivered by Concept Enterprises.

## PRE TREATMENT LINE

Materials used in production must cover with paint and durable material to increase the durability and life of the materials. Surface must be clean for this operation to be possible.

Pretreatment operation is done before painting. Pretreatment lines are designed to make this process easy.



If there is rust, dust or especially oil on the surface, paint can't adhere firmly. Before the painting all foreign materials are removed from the surface. The pre-process must be the same for all work surfaces. Surface cleaning process can be a simple cleaning operation or complex and multiechelon operation.

When metals contact with oxygen the metal can be oxidised. Painting can protect against metal to oxidise because paint cuts off the surface contact with oxygen.

## AIR AND WATER PIPE LINES

Concept Enterprises does Air and water supplying pipe lines suitable for various application along with Reservoir tank.

The application ranges from various industries like pharmaceutical, utility department of automotive industries, power plants, mining industries, chemical industries, sugar & cement industries.



## ETP

We do care on clean water to the earth along with clean air solution. We do servicing for effluent water treatment plant for replacement of the components and revamping etc., we do erection and commissioning of ETP system throughout the India.

We supply various components like pipe line, fabrication of vessels, temporary shed etc.



## DM & RO PLANT

Demineralisation is the process of removing mineral salts from water by using the ion exchange process. With most natural water sources it is possible to use Demineralisation and produce water of a higher quality than conventional distillation.

Reverse osmosis is the process of forcing a solvent from a region of high solute concentration through a membrane to a region of low solute concentration by applying a pressure in excess of the osmotic pressure.



## HEAVY VESSEL FABRICATION

Concept Enterprises do the fabrication of heavy vessels for chemical industries, paper mills, boiler, and distillery industries ranging from 1 meter diameter to 3 meter diameter with 1 meter long to 5 meter long.

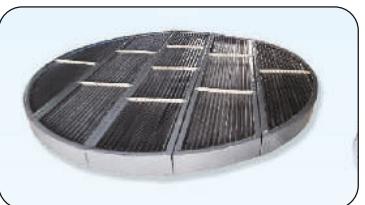
Our fabrication team follow our own workshop principles



## HDP WORKS

Concept Enterprises has separate team for HDP works.

We can use HDP components in place of mild steel components or other metal components.



## FRP WORKS



FRP Coatings & Linings (Fibreglass Reinforced Plastics), is a superior coating and lining system formed by thermosetting resins and fiberglass to raise durability and safety by lining inside of piping systems chemical storage tanks, cooling towers, and other types of industrial process equipment.

## SPARES

Impeller, cages, any type of bags, RAV, damper motor, screw conveyor, belt conveyor, Heaters, pulse jet valve, electrical panels, dampers, filter cartridge, painting guns and spares powder coating and etc.

Supply of spare related and refurbishment activities related to the above mentioned equipments could be carried as and when required for industries.





**CONCEPT**  
ENTERPRISES

# CONTACT US

+91 91501 82430

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+91 70197 82190

[conceptenterprises23@gmail.com](mailto:conceptenterprises23@gmail.com)

[www.conceptenterprises.co.in](http://www.conceptenterprises.co.in)

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