



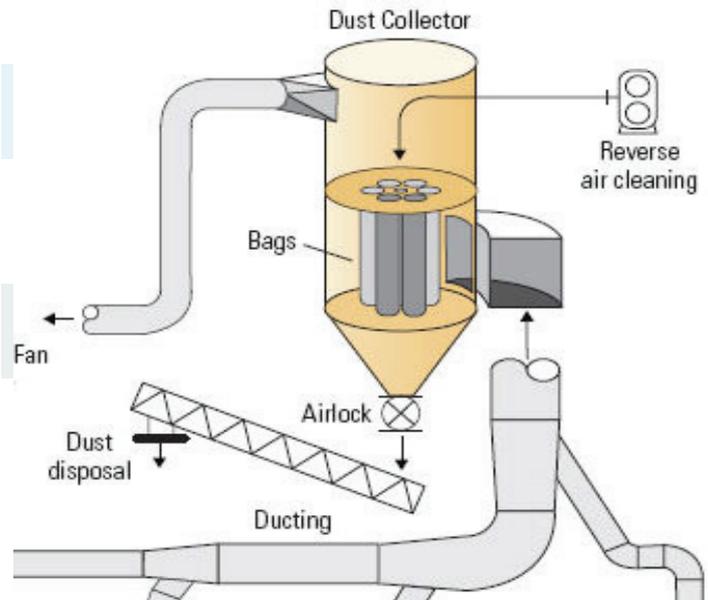
Baghouse Service Capabilities & Client Programs Information Brochure

SHIMI RESEARCH CENTER PVT. LTD

Several years of extensive experience in design and manufacture of environment friendly technologies, has made Shimi Research Center Pvt. Ltd the prime choice of leading companies across various sectors both in India and overseas. An ISO 9001:2008 company, Shimi Research Center Pvt. Ltd is well known for delivering the highest levels of performance, excellence and quality in all its products and services. Our product portfolio stands out because of the extensive range of tailor made pollution control equipment and remedial solutions for pollution, waste management, recycling technology and process control offerings.

WHAT IS A BAGHOUSE

A baghouse is a term used to describe the collection of many fabric filters contained within the same housing. Baghouses are utilized in gas stream or air filtration in industrial and commercial applications. In a baghouse dirty air flows into and through a number of cloth filter bags that are placed in parallel. The filters remove the particulate from the gas stream while the cleaned gas passes through the cloth and is exhausted to the atmosphere. The fabric filters do some filtering of the dust particles; however, their more important role is to act as a support for the layer of dust (filter cake) that quickly accumulates on it. This layer then acts in a highly efficient manner to filter both the large and small particles from the gas stream and becomes the main filtration mechanism throughout the process.



APPLICATIONS

- PHARMACEUTICAL DUST
- WELDING FUMES
- SANDBLAST
- CONCRETE DUST
- BLACK CARBON
- PAPER DUST
- METAL SPRAY
- PAINT PIGMENT
- FIBERGLASS
- FLY ASH
- ALUMINUM DUST
- CARDBOARD DUST
- WOOD DUST
- CEMENT DUST
- SILICA
- ZINC OXIDE
- SUGAR



BENEFITS

- High Collection Efficiency
- Work For Both Large and Small Particles

- Allow Variable Flow Rates
- Allow Variable Pressure Drops

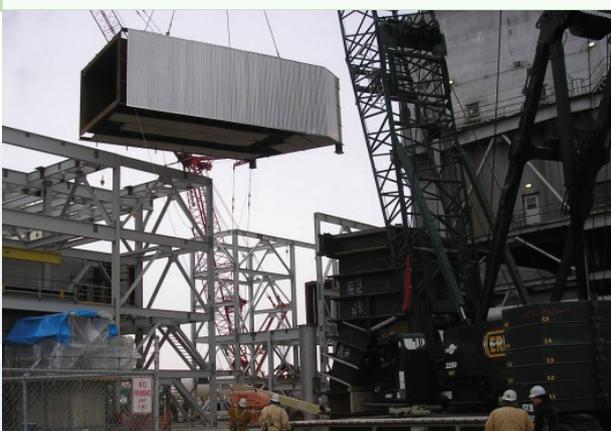
FABRIC SELECTION CHART

Fabric	Maximum Temperature	Acid Resistance	Fluoride Resistance	Alkali Resistance	Flex Abrasion Resistance
Cotton	180	Poor	Poor	Good	Very Good
Polypropylene	180	Poor	Poor	Good	Very Good
Polyester	275	Good	Poor to Fair	Good	Very Good
Nomex	400	Poor to Fair	Good	Excellent	Excellent
Teflon	450	Excellent	Poor to Fair	Excellent	Fair
Fibreglass	500	Fair to Good	Poor	Fair to Good	Fair

Advantages

The baghouses designed by Shimi Research Center Pvt. Ltd. promise to be of state of the art quality. Our baghouses are known to deliver time after time. Some of the advantages of using our baghouse are:

- Operates at high temperatures (special bags required)
- Maximum filtration can be attained by selecting specific items such as bag type, can velocity, collector shape and arrangement
- Steel internal cage supports are used to keep the bag form
- No tools are required to remove the bags
- Quick-clamps hold the bags in place
- Standard cages and bags are easily available on the market
- Large loading capacity
- Pulse cleans sticky and stringy materials easily
- Resists chemical products
- Resists humidity
- Stable pressure differential
- Energy recovery



- » MAKINO AUTO INDUSTRIES, Noida, U.P. , India
- » F.C.C. RICO, IMT - MANESAR, Gurgaon , Haryana, India
- » MET TRADE INDIA, GHAZIPUR, Delhi , India
- » KUMAR PRINTERS, IMT MANESAR, Gurgaon, Haryana, India
- » GOYAL DAL PRODUCTS PVT. LTD, NARELA, Delhi, India
- » AGGARWAL FOOD INDUSTRIES, NARELA, Delhi, India
- » R.K. FOOD PRODUCTS, SAMAI PUR, Badli, Delhi, India

WE ALSO DEAL IN

- » Venturi Scrubbers
- » Wet scrubbers viz multi-stage spray tower, packed bed towers and other custom made combinations.
- » Waste water treatment systems such as Effluent Treatment Plant (ETP), Sewage Treatment Plant (STP)
- » Blowers up to 2,50,000 CMH and pressure of 1,200 mmWG
- » Pumps: High pressure pumps in SS-304, SS-316, PP and GFPP.
- » Fumes exhaust systems.
- » Blanket Wash Recycling Services



CONTACT

SHIMI RESEARCH CENTER PVT. LTD
104, Barodia Tower, Central Market, Prashant Vihar, Delhi- 110085,
Tel: 011-27566480
Telefax : 011- 27866142
email: info@pollutioncontrolsystem.net
abbasadab@yahoo.com