



Finishree Equipment's Pvt. Ltd.

INDUSTRIAL DUST COLLECTORS



Eco friendly technology for
A sustainable life





CYCLONE DUST COLLECTOR

Cyclone dust collectors are a type of inertial separator that make use of centrifugal, gravitational, and-or inertial forces that separate dust from the air stream. The dust and particle-laden air or gas enters the cylindrical chamber tangentially at one or more points and leaves through a central opening. In cyclone the dust particle separated by a centrifugal action and get settled in a Dust Tray at the bottom of the cyclone.



MULTI CYCLONE DUST COLLECTOR

Multi Cyclone dust collection system is second generation mechanical dust collector after cyclone. It is having multiple parallel cyclonic tubes inside the chamber which separates the heavy dust particles from the air stream using. This is used as primary separator to reduce the dust load on the bag filter or dust collector & also serves as primary spark trapper in some applications. The Finishree multi cyclone will remove up to 90% (above 40 microns) of dust generated during blasting.



FABRIC BAG DUST COLLECTOR

Dust laden air is drawn into dust collector through inlet due to suction created by exhaust fan and passes through fabric bags. Heavier dust particles fall into hopper due to loss of momentum. Finer dust gets deposited on inner surface of fabric bags and clean air passes across outer surface of filter bags and then exit into atmosphere through outlet. Bags are cleaned through motorized shaking arrangement or manual shaking arrangement.

CARTRIDGE DUST COLLECTOR

Dust laden air is drawn into dust collector through inlet due to suction created by exhaust fan and passes through filter cartridge elements. The abrasive resistant inlet promotes dropping out high particulate, generates uniform air flow, thus increases filter life. The dust gets deposited on outer surface of cartridges and clean air flows through the center passage of cartridges into clean air plenum. Clean air further exit into atmosphere through outlet duct. Cartridge are periodically and automatically get cleaned through air purging.



PLEATED BAG DUST COLLECTOR

Dust laden air is drawn into dust collector through inlet due to suction created by exhaust fan and passes through Pleated Bag elements. The abrasive resistant inlet promotes dropping out high particulate, generates uniform air flow, thus increases filter life. The dust gets deposited on outer surface of Pleated Bag and clean air flows through the center passage of Pleated Bag into clean air plenum. Clean air further exit into atmosphere through outlet duct. Pleated Bag are periodically and automatically clean by pulse jet.



WELD FUME DUST COLLECTOR

Welding fume or smoke contains harmful elements such as Manganese, Chromium, Nickel, Zinc etc. Continuous Inhaling of welding fumes may cause Weld Fume Fever, Headaches and dizziness, Irritated eyes, nose and throat, Chest pain, Respiratory damage, Difficulty breathing, Lead poisoning, Nervous system damage etc.

Welding Fume Extraction System and portable welding fume extractor are specially designed such that it suits for all types of welding applications such MIG Welding , TIG Welding , Stick Welding , Cleanroom Welding , Stainless Steel Welding as require static as well as movable extraction unit.



Dust Collector Accessories/Spares

All the accessories are available for " FINISHREE "as well as other brands equipment's.



FABRIC BAG & CAGES

Fabric Bags are fitted from the clean plenum and have snap ring for the fitting in the tube sheet. Cages are the support for bags in vacuum.



SEQUENTIAL TIMER

Sequential programmable timers are supplied with dust proof protection.



CARTRIDGE FILTER

We offer widest range of cartridges filter, panels for the dust removal technology



VENTURIES

Venturi is a flow enhancer and is fitted in the cage with the help of screws. Unique designs to facilitate quick removal of bags from top clean plenum available in various material of construction.



PLEATED BAG FILTER

We offer widest range of Pleated Bag Filter for the dust removal technology.



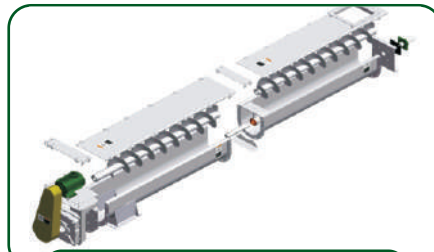
ROTARY VALVE

The prime function of a rotary valve is to allow the flow of dust from one hopper to another while maintaining a good airlock condition.



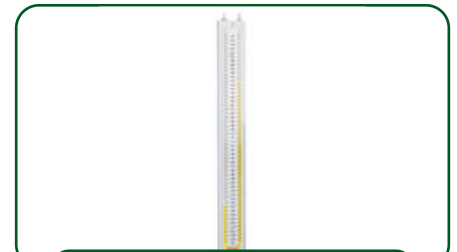
SOLENOID PULSE VALVE

Pulse Jet Valves are of diaphragm type, which are actuated by an attached solenoid coil.



SCREW CONVEYERS

We offer a wide range of conveying capacities and lengths screw conveyors.



MANOMETER

Manometer is indicates the choking of Filter bags/elements



Finishree Equipments Pvt. Ltd.

Plant 1 : PAP-I-4, Shendra MIDC, Chh. Sambhajinagar (Aurangabad) - 431154

Plant 2 : E-15/18, Chikalthana MIDC, Chh. Sambhajinagar (Aurangabad) - 431210

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