



Unique Design & Engineering
Approaches for Dust Collection
and Pneumatic Conveying



Air Pollution Control Systems

CAMCORP's dust collection systems are engineered to your application. When it comes to selecting equipment to manage air quality you need a number of alternatives that can achieve the desired result. Our air filtration systems can be designed to meet the dust collection needs for most any situation. Over the years we've repeatedly been challenged by our customers to solve impossible situations. With our years of experience and state-of-the-art capabilities, we can meet and exceed your needs.

- *Agriculture*
- *Manufacturing*
- *Power*
- *Cement*
- *Mining*
- *Woodworking*
- *Chemical*
- *Plastics*



Bulk Material Handling Systems

CAMCORP's bulk material handling capabilities range from a simple bag dump station to a complete "turn-key" pneumatic conveying system. Whichever size or type of system you require our years of experience can help engineer a solution and provide you with the equipment to get the job done. Our pneumatic systems are conventional dilute phase, utilizing either pressure or vacuum, and meet the highest standards of quality and durability.

- *Food*
- *Pharmaceutical*
- *Pet Food*
- *Textiles*
- *Paper*
- *Rock & Quarry*
- *Petro-chemical*
- *OEM's*





Reverse Air Baghouse

CAMCORP's reverse air filters require "No" plant compressed Air. We offer two styles that we can customize to your application. The SWF (Sweep Arm Filter) utilizes a Pressure Blower to generate the bag cleaning reverse air. The HVP (High Velocity Pulse) utilizes a Positive Displacement (PD) pump to generate the bag cleaning pulse air.



Pulse Jet Baghouse

CAMCORP offers a complete range of Pulse Jet Baghouses, styles ranging from bottom loading bags, top loading bags and walk-in clean air plenums plus a variety of inlet configurations. In addition to our standard units CAMCORP can manufacture highly specialized units including high pressure / high vacuum and explosion containment design.



Filter/Receivers

CAMCORP has a large selection of filter/receivers. We can design your Filter/Receiver for top bag access, side bag access or walk-in clean air plenum access. Filter/Receivers can be designed using conventional bags with cages or spun bonded polyester filter elements. Filter/Receivers can be designed for low or high pressure or vacuum conditions from -20 " Hg to 14.9 PSIG. Let CAMCORP's experienced staff take the guesswork out of selecting the correct collector.



Bin Vent Filters

CAMCORP's Bin Vent Filters have all of the features and benefits of the Pulse-Jet Baghouses or Cartridge Filters but they do not typically incorporate a hopper. They are designed to mount directly onto a piece of equipment that needs venting such as storage silos, mixers, work bins, belt conveyors, etc.



Cyclones

CAMCORP offers three standard series of cyclone collectors – SE (Standard Efficiency), HE (High Efficiency) and HV (High Volume). Cyclones are available with or without disengagement chambers depending on the efficiency expectation, product and gas stream characteristics as well as down stream equipment. Materials of construction that are available include carbon steel, stainless steel, aluminum and abrasion resistant plate.



Cartridge Filters

CAMCORP's cartridge filters come in two styles - Pleated Bags (spun bonded polyester) and Cellulose Cartridge (paper based) media. CAMCORP has the experience to help you select the appropriate cartridge for any given application as well as select the appropriate filter configuration.



Airlocks

CAMCORP offers Rotary Airlocks used to volumetrically feed and discharge product. They must be suitable for gravity feed conditions and more demanding pneumatic conveying applications as not only a volumetric feeding device but also as a seal against pressure or vacuum. Double Dump Valves can be used to volumetrically feed abrasive products when airlocks are not well suited due to product characteristics.



Blower Packages

CAMCORP's pressure, vacuum, combination pressure/vacuum positive and regenerative blower packages are available in a wide variety of configurations for engineered performance. All packages are designed to meet your specific needs for pneumatic conveying and aeration systems. A wide range of blowers are available.



Scale Hoppers

CAMCORP's Scale Hoppers are fabricated to meet the needs of your application. The scale hoppers can be equipped with scaling valves, bin vents, load cells, high/mid/low level switches, rotary airlock discharges, butterfly discharges, vibration aids, fluidization aids, etc. The scale hoppers can be fabricated out of carbon steel/epoxy coated, carbon steel or aluminum. We can provide structural supports for the scale hopper as well.



Bag Dump Stations

CAMCORP's Bag Dump Stations can be designed with an integral dust collection filter and fan or with a dust hood for connection to a remote central dust collection system. The stations can be designed as free standing or direct mounted as hood on mixers or surge bins. Filtered Bag Dump Stations can use conventional bags with cages or spun bonded polyester filter elements



Bulk Bag Unloaders

CAMCORP's Bulk Bag Unloaders can be configured with a monorail & Hoist assembly or universal fork truck lifting carriage and frame. They can also be configured to accept any bulk bag dimensions. Our Bulk Bag Unloaders include a bag spout containment hopper with manual iris valve for spout closure. Other features include optional discharge devices, side and bottom bag punchers, electric or pneumatic vibration. Integral dust collection is also available.



Bin Aeration Disks

CAMCORP's Aeration Discs are used to aid in discharging dry bulk solids from bins, hoppers and silos. Aeration Discs are offered in carbon steel (painted epoxy or enamel) and stainless steel. By design Aeration Discs have a lower profile than conventional vibratory bin dischargers. Aeration discs are available with single point discharge or multiple point discharges.



Work Bin - Custom Fabrication

CAMCORP understands that actual installation footprints often do not match up with manufacturer's standard equipment dimensions. We take pride in ourselves for our ability to incorporate unique design to accommodate the needs of our customers. Low profile filters, fabricated bins, pressure containment filters, horizontal storage tanks are just a few of the innovative solutions we have provided to our customers. Filter retrofits are also available for your outdated of poor performing collector.



A-Valve

CAMCORP's A-Valve is used in a gravity diverting application. The A-Valves can be manually operated or pneumatically operated. Our A-Valves are available with round or square inlet and outlet discharges. Position switches are available as well as the options for carbon steel, stainless steel or aluminum construction.



Components & Replacement Parts

CAMCORP can supply replacement parts for CAMCORP's or any other manufacturer's brands of air filtration products or pneumatic conveying products.

Available Parts and Components:

- *Bags*
- *Cages*
- *Cartridges*
- *Airlocks*
- *Explosion Vents*
- *Tubing/Elbows/Couplings*
- *Fans*
- *Valves*
- *... and much more!*



CORPORATE OFFICE



MANUFACTURING

About CAMCORP: Established in 1993, CAMCORP is a clean air management company specializing in creating unique design and engineering approaches for industrial applications. The firm has a full array of technical, engineering, construction and aftermarket services for virtually every application need. Company experts have the experience in the latest filtration and pneumatic conveying technologies, and have engineered unique solutions for a wide range of industrial situations. The company is owned by Frank Handwork, a veteran of the “clean-air” industry. Frank has been involved with designing, selling and servicing air filtration and pneumatic conveying systems since starting his career in 1962 with one of the industry’s pioneer firms. His industry experience includes positions in sales, engineering, customer service, customer support and management. Today he oversees all aspects of the company’s operations along with a management team with hundreds of years of experience in the industry.

CAMCORP Manufacturing: In-House Manufacturing – CAMCORP is able to monitor and control the output and quality through its wholly owned production facility centrally located in Willow Springs, MO. The 60,000 square foot facility is located on a 7.5 acre developed plot. The plant opened in January 1999 and now employs approximately 100 personnel. The facility is designed and equipped with state-of-the-art manufacturing and material handling equipment as well as two separate paint rooms.



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