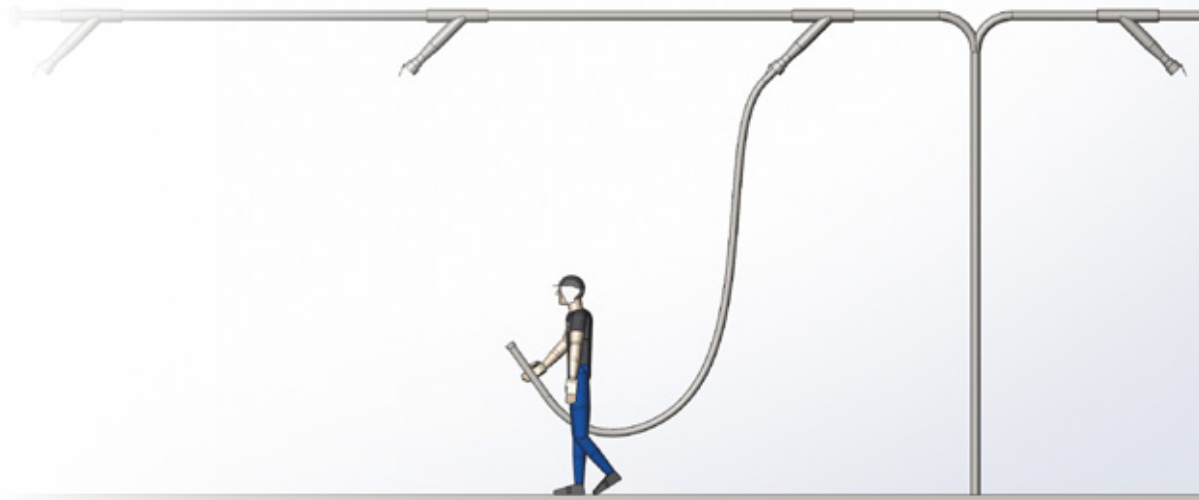
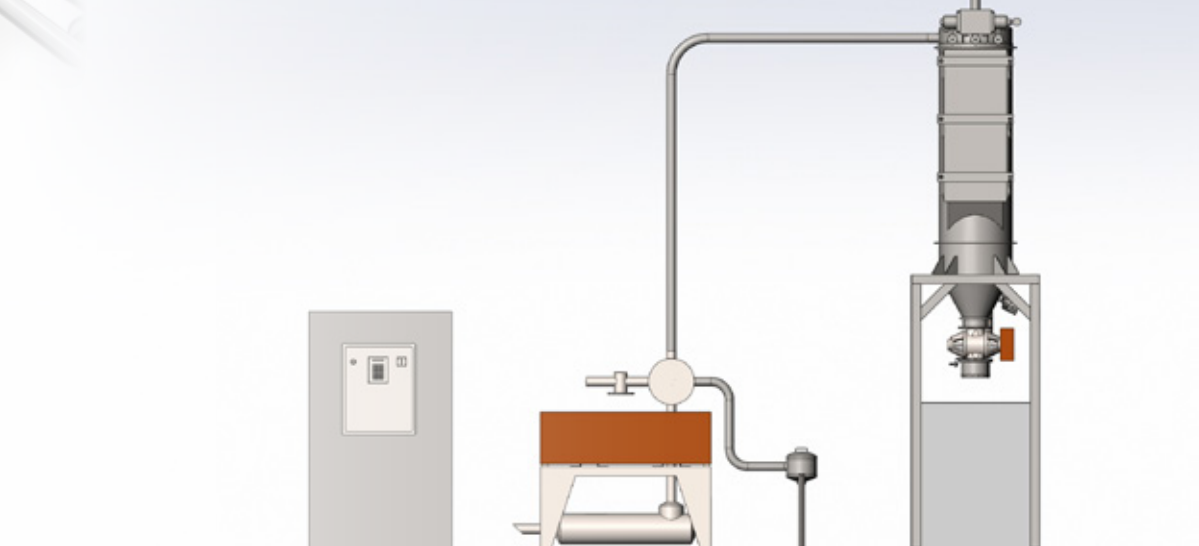




CENTRAL VACUUM SYSTEMS



**YOUR LINK TO A SAFE AND SANITARY
PROCESS LINE**





HORIZON'S CENTRAL VACUUM SYSTEMS THE SOLUTION TO GOOD HOUSEKEEPING PRACTICES

Maintaining proactive and effective housekeeping is essential in process line efficiency. Our central vacuum system has been engineered to help you implement good housekeeping practices. An effective housekeeping program results in:

- Less handling to improve the flow of materials
- Reduced accidents in clutter-free and spill-free work areas
- Lower fire hazards
- Reduced exposure to hazardous substances
- Increased efficiency in equipment cleanup and maintenance
- Improved hygienic conditions and improved worker health
- Lower property damage through improved preventive maintenance

ELEMENTS OF AN EFFECTIVE HOUSEKEEPING PROGRAM

Dust and Dirt Removal

In some process lines, enclosures and exhaust ventilation systems do not collect dust, dirt and chips adequately. While standard vacuum cleaners are suitable for removing light dust and dirt, industrial vacuum systems are designed for the process line environment. With special fittings for cleaning walls, ceilings, ledges, and machinery, the vacuums can effectively reach hard-to-reach places where dust and dirt accumulate.

VACUUM CLEANING SOLUTIONS FOR YOUR PROCESS

Horizon Systems' central vacuum systems are designed to meet the specific needs of your process line applications.

- Multi or single user applications
- Self cleaning separator
- Efficient tubing system features
- Wide range of tools and accessories
- Installation adjacent to clean rooms or away from hazardous locations



The NFPA 654 Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids recommends vacuum cleaning as the preferred method of housekeeping in processes handling combustible dust. If your dust is combustible all tools, hoses and other equipment should be static conductive and electrically bonded together. Tools and attachments should be made of "non-sparking" materials.

ENGINEERING FIRST TO PROVIDE THE CORRECT SOLUTIONS

At Horizon Systems, we have always followed a philosophy of being an engineering company that manufactures. To engineer an efficient central vacuum system requires detailed knowledge of the specific factors in process design. Horizon Systems' engineers can evaluate your process and recommend the best cleaning solution to meet your specific industrial cleaning needs. To design your system we focus on:

VACUUM TECHNOLOGY

- Multi-user applications need multi-stage centrifugal exhausters
- Bulk spill clean-up require positive displacement pumps
- Smaller single-user situations use regenerative exhausters

SEPARATOR CONFIGURATION

- Hopper-bottom
- Custom-designed support frames
- Bag or cartridge filters
- Horizontal or vertical filter orientation
- Clean or dirty side filter changeout
- Tangential, radial and rock-box inlets



MULTI-STAGE CENTRIFUGAL (MSC) EXHAUSTER

- Offers constant vacuum level across a wide range of airflow
- Allow multiple users to come on and off line without affecting the performance
- Compact design for applications where available space is limited



POSITIVE DISPLACEMENT BLOWER

- Delivers deeper vacuums than most other exhauster technologies
- Perfect for bulk spill cleanup or if slugs of material are present



TOOLS & ACCESSORIES

- Comprehensive line of hoses and tools for any central vacuum system application
- Full line of tubing and fitting components in a range of materials
- Complete line of heavy duty, high efficiency, no shear, cast and fabricated airlocks, with a matching line of accessories

TECHNOLOGY, SERVICE AND TESTING CENTER

The Horizon Technology, Service and Testing Center leads and supports our engineering capabilities by developing innovative bulk material handling solutions. As a leader in the industry, we are continually innovating our products to enhance your bulk material handling process. Extensive testing is performed to assure the functionality, safety and performance of each new product.





THE LINK TO YOUR SUCCESS



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