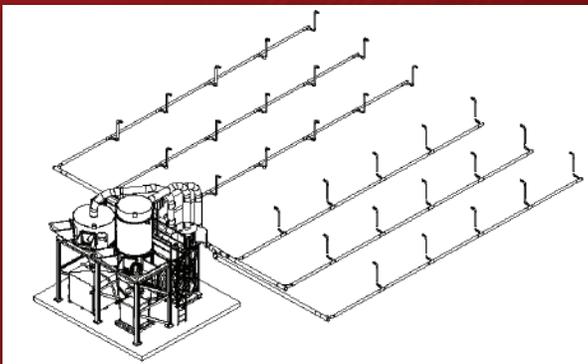


Vacutech central vacuum systems meet all applicable OSHA, NFPA, and ATEX guidelines and regulations.

## CUSTOMIZED SYSTEMS

Through an analysis of the preliminary layout, and by utilizing what we have determined as your required optimal pressure and airflow requirements, we will select the basic model of vacuum producer that is required for your application. Once we have determined the base model of producer, we'll determine the number of stages and the size of motor required in order to deliver the optimum airflow (ACFM) and Static Pressure required for your application.



## WHAT WE DO

Vacutech specializes in the design and installation of powerful central vacuum systems. Each system is custom designed to meet the facility size and the application of the customer. We analyze the project, design a solution, custom build major components, and install the system turnkey. We then back our systems up with the most complete guarantees and the strongest warranties in the industry.

## GETTING STARTED

The process begins with getting a better understanding of your needs by gathering required information, most of which is found in our *Industrial Commercial Project Questionnaire*. This information will help us in considering your processes, the number of continuous users your system will need to support, the types of materials you will be collecting, and the overall layout of your facility.

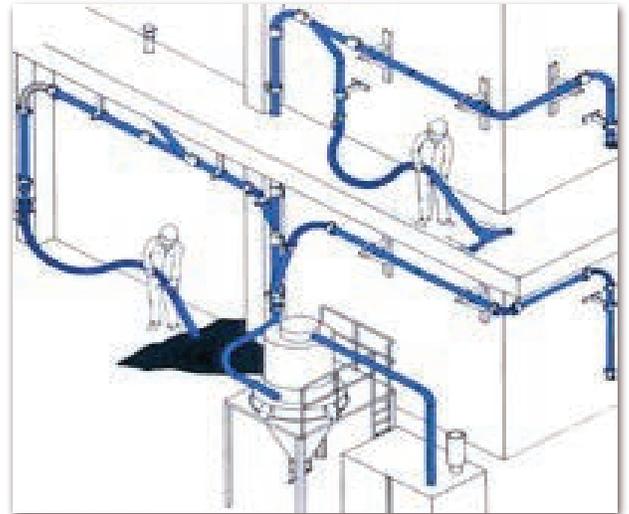
Then, we'll use the information you have provided to develop a preliminary plan with the required vacuum inputs, positioned in the most efficient location, with consideration of the size of your facility and production requirements. This preliminary plan allows us to determine the optimal static pressure and airflow required to service your facility.

## THE NEXT STEP

With the basic layout complete and a vacuum producer selected, we'll review a variety of factors including, but not limited to: material being conveyed and collected, material volume, the materials' explosive properties (Kst value), and the manufacturing environment to assess filtration requirements. Additionally, we will evaluate proper equipment placement and conflagration venting (if required) and appropriate sizing.



With equipment decided, system piping to transport waste products, dust, and debris from inputs, through the filtration system, and into the collection bins will be determined. The design of this piping system is of critical importance to the overall system's operation. It is during this phase of design when our engineers will determine the optimum placement and sequencing of the Vacutech vacuum actuated slide valves (if required). These valves are designed to close off inlets not in use, thereby maximizing the efficiency of your system and minimizing its power consumption.



The final, and perhaps most critical, piece of the design puzzle is the development of the customized controls required to control the function of the vacuum system in your facility. Our project engineers will work closely with your plant engineering personnel to develop controls that integrate seamlessly with your current power network and automate your system while optimizing its functionality and maintaining smooth and worry-free performance.

***To support our systems after installation, we offer customized service plans to meet your needs. Once the system has been designed to your satisfaction, service plan options are available to meet your ongoing needs. From maintaining availability of replacement components, to building redundancy into the system to ensure uninterrupted service, we've got your back.***

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## POWERFUL VACUUM SYSTEMS

**START YOUR CUSTOM SYSTEM  
AND SOLUTION DESIGN TODAY**

**Contact Vacutech At:**

(800) 917-9444 | [info@vacutechllc.com](mailto:info@vacutechllc.com) | [vacutechllc.com](http://vacutechllc.com)