

**Step 1: Choose your Vacuum Producer**

Your vacuum producer is the heart of your central cleaning system — it must be strong, durable, and dependable. AutoVac’s centrifugal vacuum producers are built to exacting standards with the most trusted design and materials in the industry. Enjoy peace of mind with very little maintenance. Choose from our 300, 400, 600, and/or 800 Series or one of our Direct Drive producers. We’ll help you navigate the selection process by considering many factors:

- How many people will use the system simultaneously.
- How long is the “vacuum run” (distance between the end users and the vacuum producer).
- What are your electrical requirements (single or three phase).
- Are there special circumstances at your location such as high altitude or out-of-the-ordinary debris being vacuumed?

Whether you have just one user and need a 7.5 hp direct drive, or 100 users who need multiple 30 hp vacuum producers in series, AutoVac can help. And if it doesn’t already exist, we don’t have it, we can build to suit because we machine and manufacture nearly all our own parts.



**STEP 3: Plan your Piping, Supports, Canopies and Support Structures**

A piping system delivers “dirty” air to your separator, and clean dry air to your vacuum producers. AutoVac’s piping systems are engineered to maximize suction all the way down the line. Whether you are vacuuming 20 feet from the producer or 200 feet, you’ll receive powerful suction. Piping systems are available in a variety of materials to suit your application and fit your budget (ABS, steel, zinc, etc.).

We build our own line of support structures so we can guaranty high quality and affordability. AutoVac’s Freedom Truss System gives you the freedom to customize your trusses and canopies. All options are modular and expandable so the truss system can grow with your business. You choose the size, color and shade material. It’s totally customizable, totally cool.



**STEP 2: Choose your Filtration Devices**



Next you’ll need to separate the dirt and debris from the airflow before it returns to your vacuum producer. In standard central systems this is accomplished with a filter separator immediately before the air enters your turbine. Larger systems call for the addition of primary separators near the vacuum users. In each separator, waste is deposited into convenient dirt containers for easy disposal.

AutoVac offers various sized Filter Separators, Primary Separators, and Island Pal Separators. For specialized systems, we also offer Hopper, Cyclonic, even Hybrid Separators.

All our separators are carefully engineered and fabricated to maximize airflow and minimize clogging by capturing between 95% and 99.9% of particles at 3 microns. That’s a fancy way of letting you know our separators are hardcore.



**STEP 4: Select your Motor Controls**

Aside from the basic electrical wiring that powers your vacuum producer, you will also need some type of motor control. These range from standard magnetic starters and disconnects to software-based power management systems like Vacuum IQ. Exclusively from AutoVac, Vacuum IQ is a programmed variable frequency drive that works dynamically with your vacuum motor to provide vacuum on demand. Sounds complicated, but it’s actually a very simple and effective

way to “go green”. Vacuum IQ can cut energy consumption by 70%, often more. It provides tremendous cost savings and extends the life of your equipment because your vacuum only works as much (or as little) as needed to match the demand for suction. AutoVac also offers Vacuum Logic — a remote monitoring system that lets you check in on your system from any internet connection, even your favorite Wi-Fi equipped vacation spot.

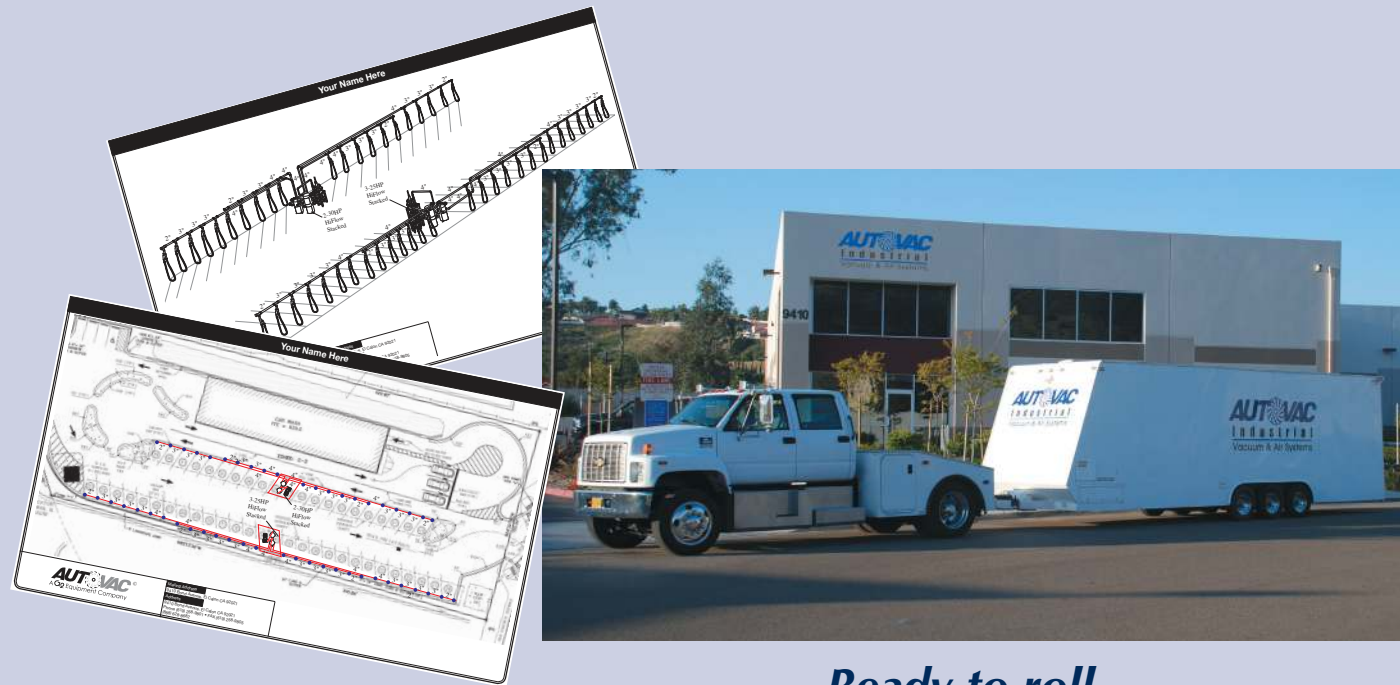
- Vacuum IQ
- Vacuum Logic
- Magnetic Starters
- Disconnects and more





From conceptual drawings to final installation –  
our AutoVac team is ready to engineer your vacuum system.

*Professional installation is available nationwide.*



*Ready to roll.*

**AUTOVAC**  
**Industrial**  
Vacuum & Air Systems

888.628.8682  
auto-vac.com  
info@auto-vac.com



**AUTOVAC**  
**Industrial**  
Vacuum & Air Systems