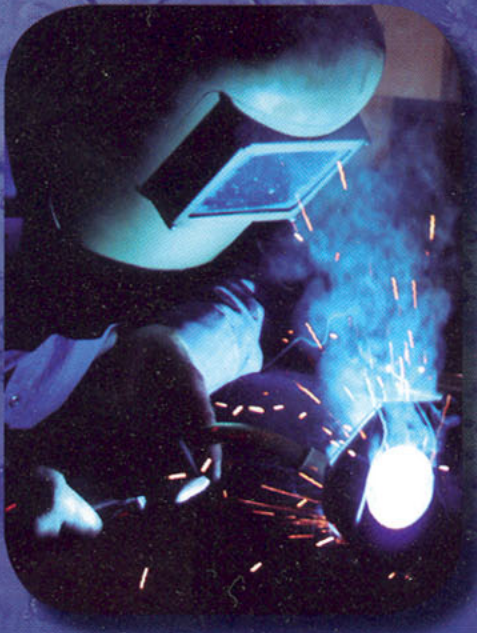


exceeding expectations



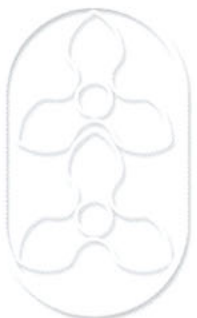
Wastewater | Water | Pneumatic Conveying | Methane Gas Recovery

EXCELSIOR  
BLOWER SYSTEMS, INC.





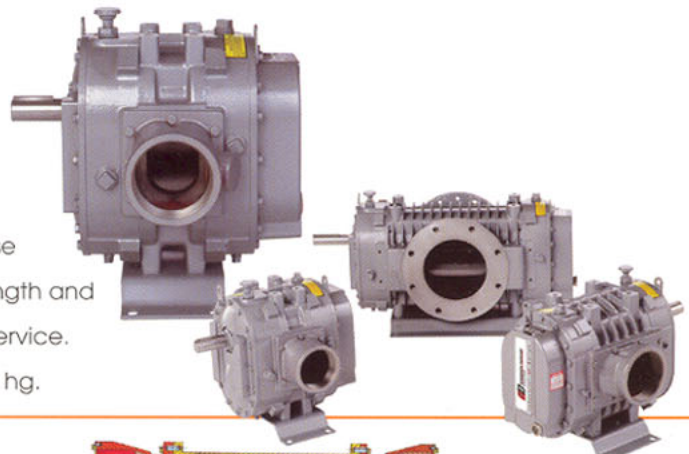
The **SutorBilt®** line of rotary positive displacement blowers is the result of over 60 years experience in the design and manufacture of superior industrial equipment. Supported by one of the largest distributor networks in the industry, the field proven design is a legend. The SutorBilt™ series delivers pressure to 16 psig, vacuum to 16" hg and flows to 14,000 cfm. Available with mechanic seals. ISO 9001 certified.



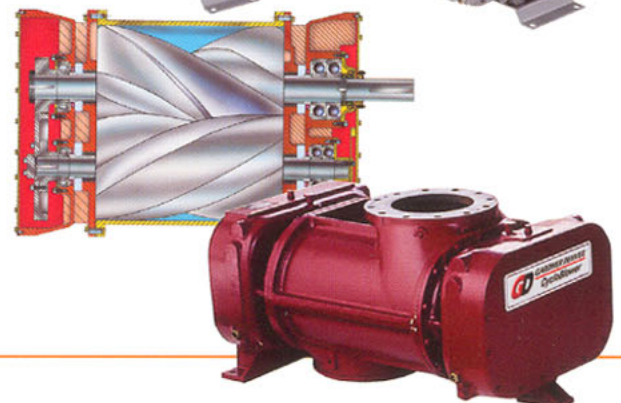
Revolutionary twisted tri-lobe **HeliFlow™**. Innovative twisted three lobe impeller design results in lower pulse, lower vibration and lower noise while offering higher efficiency and higher pressure capabilities. Dual splash lubrication for heavy duty service.



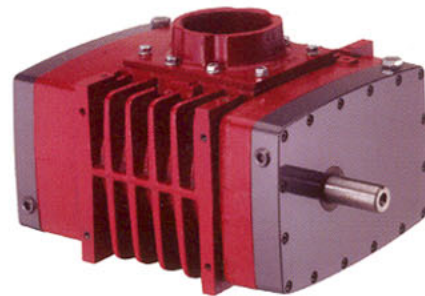
The **DuroFlow™** Industrial Series of Rotary Positive Displacement blowers have 40 plus years of proven performance and reliability. Single-piece case and one-piece rotor/shaft design offers superior strength and internal air sealing. Dual splash lube for heavy duty service. Flows to 4300 cfm. Pressure to 15 psig, vacuum to 16" hg.



Helical Screw Rotor Design, provides smooth pulse free compression. Quiet, highly efficient operation results in lower brake horsepower and significant power savings. Dual splash lube for heavy duty service. Airflow to 6700 cfm pressure to 20 psig and vacuum to 17" hg.



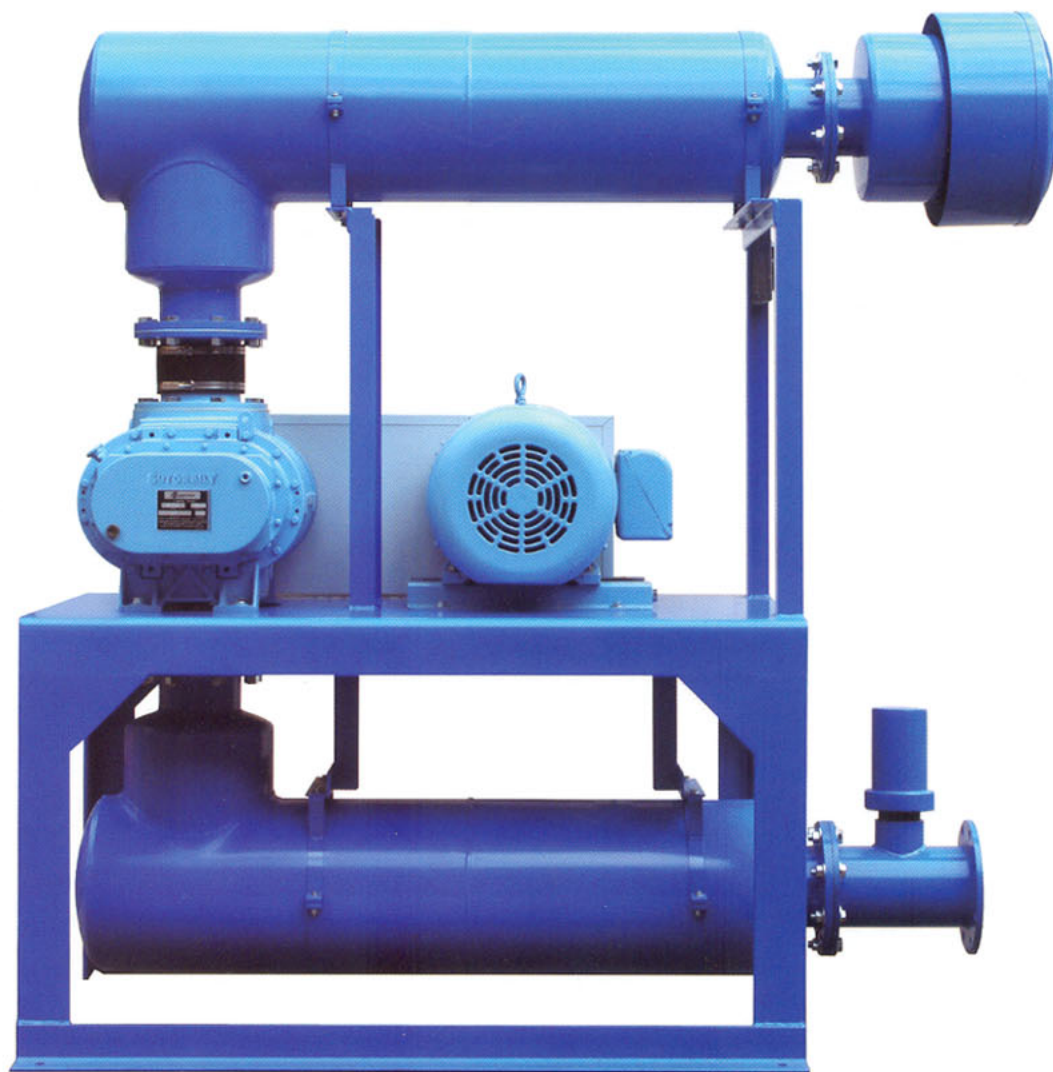
Compared to blowers with two lobed impellers, three lobed machines operate with lower pulsation levels. Compact, European style triflow blowers and packages are capable of up to 5400 cfm and 15 psig.





## Blower Packages

Excelsior Blower Systems is your blower package expert. We have built and installed thousands of blower packages across the country and around the world. Our engineers can design a package to your exact specifications for pressure or vacuum applications. We design blower packages for water, wastewater, pneumatic conveying, gas boosting and other applications in horizontal table, vertical floor, compact, and custom configurations. Our packages are shipped completely assembled and finish painted. Custom coatings such as Tnemec are available. We can provide on-site installation and start-up services—worldwide.



Every Excelsior package is engineered with the appropriate blower. From 14–14,000 cfm, we have the blower that best fits your needs.

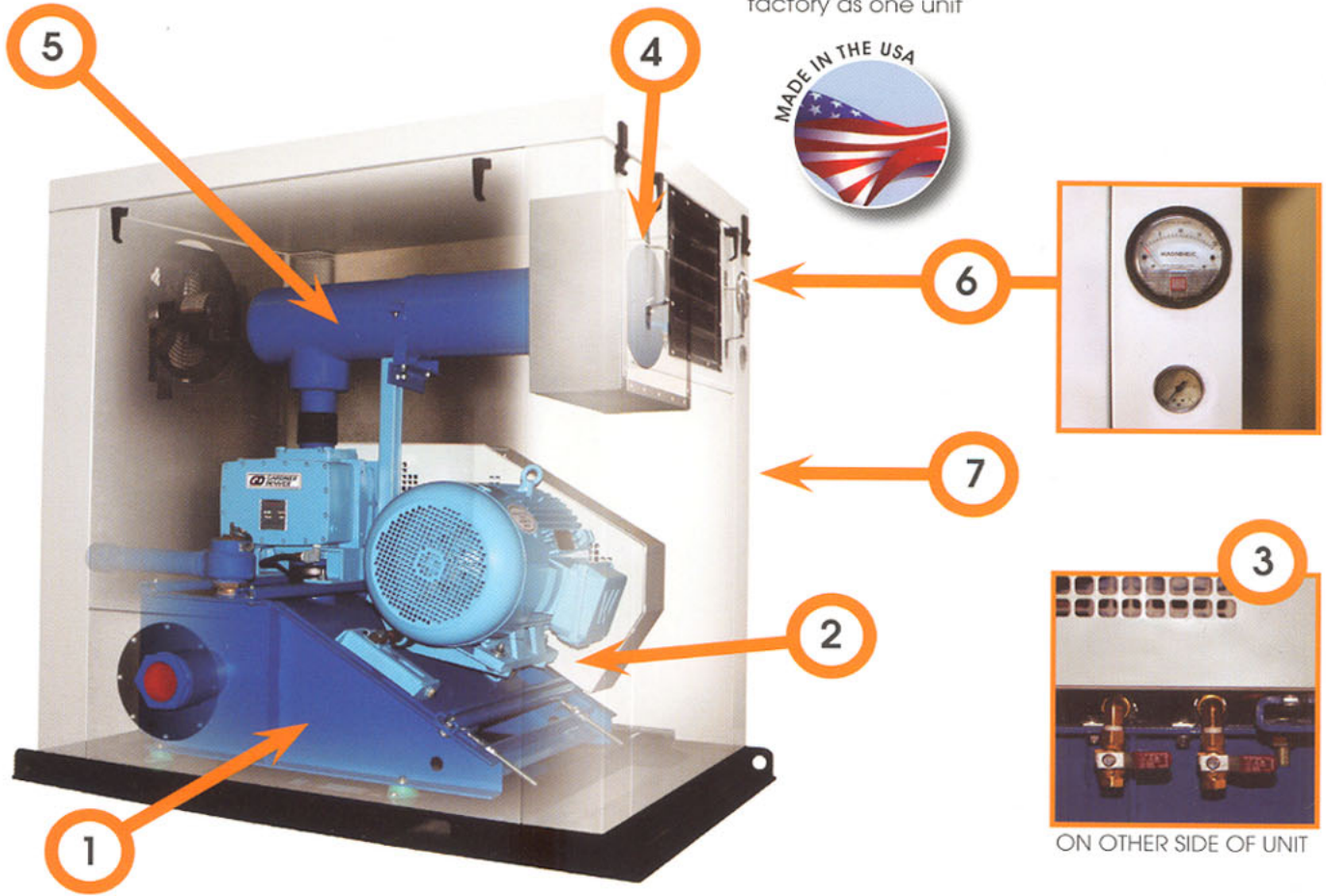
**Blowers** Tri-Lobe, Two-Lobe, Helical Screw, or Twisted Tri-Lobe.

**Motor** Premium Efficient, VFD Ready, 50 or 60 hz.



## Compact Design

- All maintenance access from the front
- Exterior mounted, easy-to-read instrument panel
- Automatic belt tension
- Pre-assembled with acoustical enclosure ships complete from factory as one unit



### 1 Integrated Base

Combination sub-base/discharge silencer minimizes space requirements.

### 2 Self Tensioning Pivot Motor Base

Automatic belt tensioning ensures properly tensioned belts at all times, thus minimized maintenance requirements.

### 3 Oil Drains

Manifolded pre-piped oil drain lines allow easy oil changes. Ball valve cocks are located to the edge of the package to maximize convenience.

### 4 Inlet Filter

Options include washable poly felt or wire mesh as well as traditional paper elements.

### 5 Inlet Silencer

Premium chamber absorptive for maximum noise attenuation.

### 6 Differential Pressure Gauge

Accurately monitor your filter's effectiveness and eliminate guess work as to when it is time to clean the filters.

### 7 Acoustical Enclosure

Weather tight enclosures are available in painted steel, stainless or aluminum with 2" or 3" foam. Loaded vinyl is available for super sensitive noise requirements. Pre-assembled with properly sized cooling fan. The unit ships completely assembled, minimizing installation costs.





## Acoustical Enclosures

Excelsior manufactures a wide variety of noise attenuating enclosures for blower package and other applications. Available in painted steel, stainless or our standard aluminum, we engineer our enclosures to meet your specific specifications. With noise reduction up to 25 dbA, we offer various combinations of sound dampening materials, including 2" and 3" foam with loaded vinyl for super sensitive noise applications.

## Blower Services

If your blower fails, we can help. At Excelsior's Factory Authorized Repair Facility we have the trained personnel, the parts and the knowledge to fix your blower fast, right and at the lowest possible cost.



Our factory trained staff has the hands on experience not only to diagnose problems, but to ensure that your repair meets or exceeds factory specifications. Repairing hundreds of positive displacement and centrifugal blowers every year, our specialized experience is unmatched by any local machine shop, compressor or pump house. Blowers are our business. It's in our name. We stand behind our work, providing a 12 month warranty on parts and labor.

Here's how we work. You give us your blower for a repair estimate. We tear down and inspect each part. We provide you a detailed estimate of the cost to repair as well as the price of a new unit so that you can make an informed decision.

Pick up and delivery, or removal and installation is available in all areas. We also offer onsite overhauls and performance analysis.



## Industries

- Wastewater
- Water
- Pneumatic Conveying
- Methane Gas Recovery



## PARTS AND ACCESSORIES



### Blowers

Excelsior stocks over 100 of the most common Gardner Denver, Sutorbilt, Heliflow and Duroflow blowers

### Motors

Siemens, Baldor, US Electrical, Weg, Reliance and Marathon

### Air Filters

Large inventory of replacement filter elements from Universal, Stoddard, Solberg and others

### Silencers

Burgess-Manning, Universal Silencer and others

### Gages and Switches

Ashcroft, Dwyer, Wika, United Electric and others

### Lubricants

Oil & Grease, Aeon PD Synthetic

### Valves

Butterfly and check valves from Techno, Mueller and others

### Drive Components

V-Belts and couplings from TB Woods and Dodge

### Blower Repair and Service

We repair all makes and models of positive displacement and centrifugal blowers. We offer pick up and delivery, removal and installation or the work can be performed onsite.

### Pennsylvania

2601 Kutztown Rd.  
Reading, PA 19605  
Tel 800.921.0002  
Fax 610.921.9727

### Maryland

11436 Cronridge Dr. Ste. U  
Owings Mills, MD 21117  
Tel 410.654.6003  
Fax 410.654.1057

### New Jersey

24 Cokesbury Rd. #10  
Lebanon, NJ 08833  
Tel 800.756.3943  
Fax 908.236.8246

Represented by

