



# Industrial Process Air & Gas

*Geiger's team of experts  
are backed by extensive  
local service facilities  
and inventory that are  
unparalleled in our  
region.*

**Contact Information:**

830 Tyrens Road Aston, PA 19014

[www.geigerinc.com](http://www.geigerinc.com)

610-459-1212



## Air & Gas Product Lines

Geiger/Gasho also offers custom packaging and system fabrication including installation for:

- Mobile Systems
- Environmental Remediation
- Air, Gas, and Blower Systems

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### M-D Pneumatics®

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- Rotary Positive Displacement Blowers
- Mechanical Sealed (Single and Double Envelope)
- Drop in Replacements to URAI and Legend Blowers
- Vacuum Boosters
- Engineered Blower Packages



#### BISON AMETEK

- Regenerative Blowers
- Environmental Blowers
- Remote Driven Regens
- Chemical Duty Blowers

### MD-Kinney

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- Single and Two Stage Liquid Ring Vacuum Pumps
- Rotary Piston Pumps
- Chemical Process Dry Screw Pumps
- Oil sealed Vane Pumps
- Rotary Claw



#### Applied Acoustical Group

- High Performance Noise Enclosures
- Stainless Steel, Aluminum & Fiberglass
- OEM & Custom Markets
- Noise Reduction Blankets
- Architectural noise dampening



#### Continental Blower

- Multistage Centrifugal Blowers
- Single Stage, Integrally Geared Turbo Blowers



# Industrial Process Air & Gas Handling Specialists

Serving industry's blower and vacuum needs since 1982 as Gasho, Geiger's experts provide advanced solutions for your fan, vacuum pump, and blower needs.

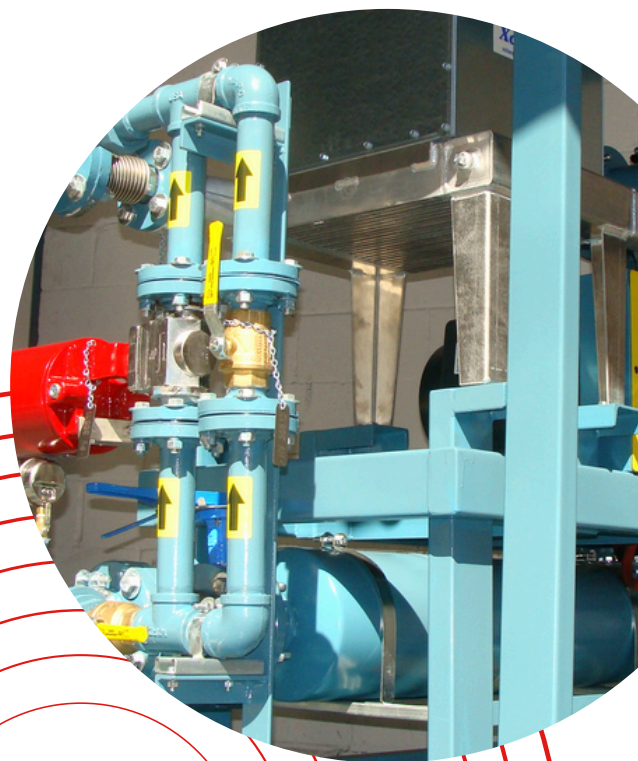
We are the reliable authorized manufacturer's representative for the leaders in the air and gas handling equipment industry. We are also the source for custom packaged solutions including system evaluation, design assistance, installation, replacement parts, and on-site service.

Geiger focuses on the process, not the product, to ensure that you are getting the right piece of equipment for your specific application.

**Gasho / Geiger Repair Center** is the only authorized repair center for MD - Kinney products in the Northeastern United States.



Whatever your air and gas handling needs, ***Geiger is your best first call.***

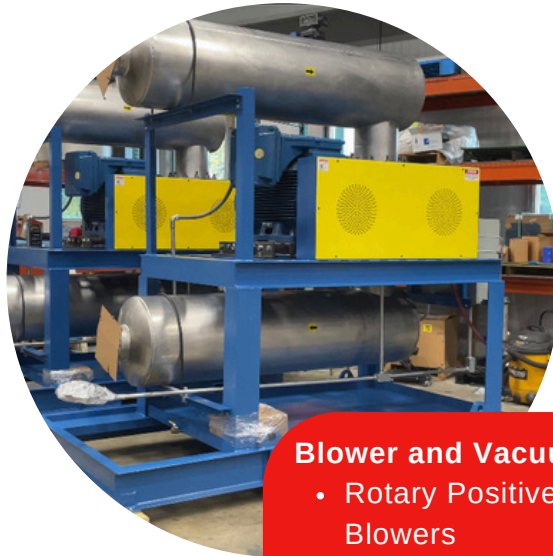


## Packaged Systems

The Geiger team builds process gas boosting packages that stand up to the harshest gasses and conditions, using industry leading blower technology. Our systems include rotary lobe blowers, compressors, heat exchangers, stainless steel piping, silencers, and more. We will guide you in selecting the best blower design, materials of construction, seals, and accessories.

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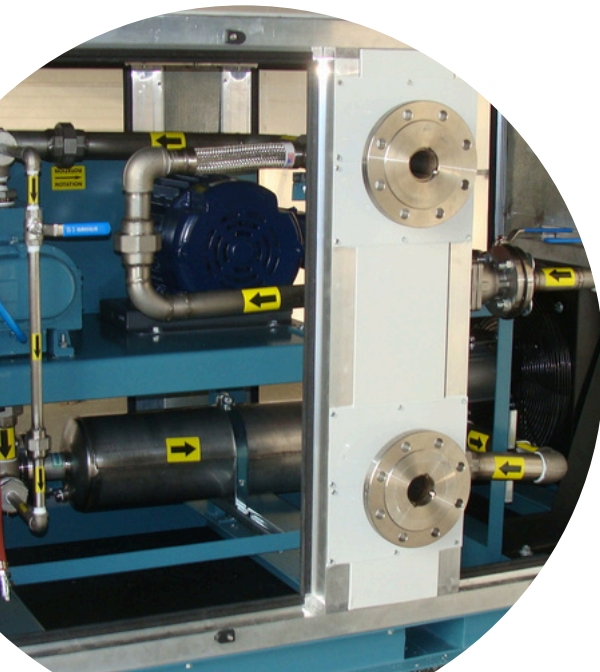
#### Blower and Vacuum Packages

- Rotary Positive Displacement Blowers
- Inlet and Discharge Silencers
- Controls and Instrumentation
- Sound Enclosures
- Digester Gas Boosting, Landfill Gas Recovery, Process Gas boosting, and more



#### Liquid Ring Vacuum Packages

- Vacuum Priming
- Resilient, widely applied
- Partial and full recovery systems





## Turnkey Solutions:

- Pneumatic Conveying
- Process Gas
- Environmental Packages & Systems
- Groundwater Treatment
- Waste Gas Blowers & Compressors
- Water/Wastewater Treatment
- Sound and Weather Protection Enclosures
- Degassing Pumps



### Environmental Remediation Packages

- Sub Slab Depressurization for Buildings
- Sparge and Soil Vapor Extraction for Contaminated Soil Clean-up



### Custom Systems

- Engineered to Order
- Specialty Applications
- Site-Specific Requirements
- Enclosures



# Vacuum Priming Systems

An automated vacuum priming system plays a critical role in protecting non-self priming pumps. Geiger offers both engineered to order and standard vacuum priming systems, and can assist with the selection, design, and coordination of vacuum priming systems with user's pumping systems. Our vacuum priming systems are fully assembled, factory tested, and are supported by our team of vacuum and pump experts.

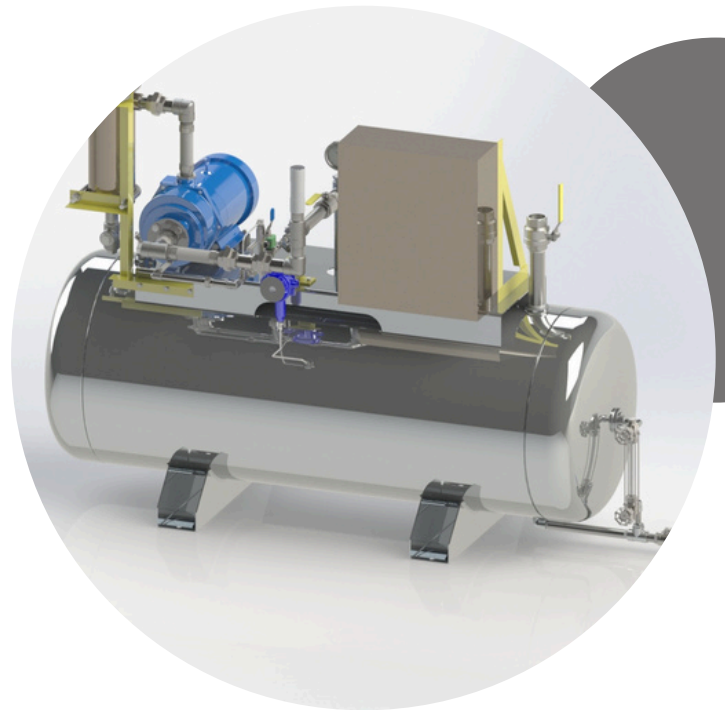
## How Does a Vacuum Priming System Work?

A vacuum priming system uses one or more liquid ring vacuum pumps to create a vacuum that can be used to prime and maintain prime on large water pumps that are not self-priming. The key components are:

- Liquid ring vacuum pump(s) with accessories
- Receiver tank
- Separator tank (for full recovery systems)
- Control panel with vacuum transmitter
- Vacuum transmitters or switches

The liquid ring vacuum pumps create a vacuum in the receiver tank. When the vacuum level drops below a set point, the control system starts the vacuum pump(s) to increase the vacuum level back up to the desired set point.

The receiver tank is connected to the highest point in the pump casing, sometimes through a vacuum priming valve. Because the vacuum priming system's automated controls respond to changing vacuum in the receiver and the receiver is connected to the pump, the system automatically assures the pump remains primed and evacuates any air that accumulates in the casing.



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# Rotron: Beyond The Catalog

As a distributor and authorized representative of Rotron blowers and vacuum pumps, we are proud to offer our customers a wide range of solutions that go beyond the standard catalog offerings. Our partnership with Rotron allows us to provide customized solutions to meet your unique application needs.

## Key points:

- **Directly coupled units:** Rotron specializes in compact, directly coupled units that save space and simplify installation, while many competitors are moving towards long-shafted designs.
- **CP Series:** Rotron offers the CP Series blowers specifically designed for the chemical processing industry. In addition, they provide customized solutions for applications such as biogas boosting and tunnel cooling in the New England area and beyond.
- **Drop-in replacements:** Many of Rotron's units are designed as drop-in replacements for easy integration with minimal modifications to existing systems.
- **Customizable options:** Beyond the standard gas-moving and air or inert gas blowers, Rotron offers customizable seals, motors, materials, and construction to create hybrid units tailored to your specific requirements.



**Bare units or complete packages:** We can supply bare Rotron units for system integrators or work with our in-house engineering team to develop complete, customized packages for end-users. This includes engineered solutions for applications such as sub-slab depressurization systems.

Contact our team today to discuss how we can work with Rotron to develop a custom solution for your unique application, or specific needs.

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# Authorized Service & Repair Center

Gasho is an authorized repair center for M-D Pneumatics Blower & Kinney Vacuum Solutions, Rotron, Travaini Pumps USA, and Becker Blower & Vacuum Pumps.

Our services include:

- Repair Center for Positive Displacement Blowers & Vacuum Pumps
- Refurbished Equipment and Parts
- 48-Hour evaluation
- Return Policy and Procedures
- Warranty On All Repair



*Learn More About Our Service &  
Repair Center*