

**PT. AIRLOCK INDONESIA JAYA RAYA**

**SOLUTION PROVIDER FOR BULK MATERIAL HANDLING**

# ABOUT US

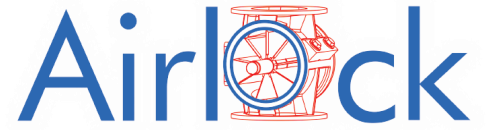


**PT. Airlock Indonesia Jaya Raya** was incorporated in Indonesia to supply a complete range of pneumatic conveying components of high quality to various industries with the main focus in the ASEAN region.

At PT. Airlock, we are totally committed to meet customer's solids handling requirements to their highest expectations. Assurance can be taken from the fact that the products handled by us are internationally recognized in the food, dairy, pharmaceutical, chemical and other process industries with its engineering, quality and solids handling know-how built up over years of experience.

We design, supply **Pneumatic conveying** (both pressure and vacuum) components with PD Blower/Exhauster packages.

We have our own service division which is capable of servicing all kind of bulk material handling components both in house and at customer site.



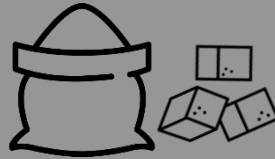
# INDUSTRY SERVED



**FOOD  
&  
BEVERAGE**



**DAIRY**



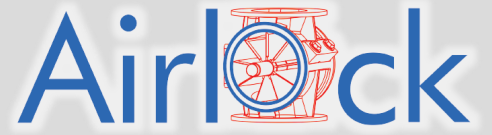
**SUGAR  
&  
STARCH**



**CHEMICAL  
&  
PETRO-CHEMICAL**

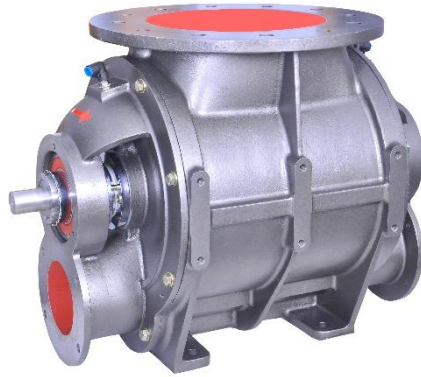


**PHARMACEUTICAL**



- 1 Rotary valves
- 2 Diverter valves
- 3 Bin Discharger

# AIRLOCK MANUFACTURED PRODUCTS



## ROTARY VALVE

The rotary drop through valves has been designed for many applications in the metering and pneumatic conveying of products in powder and granular form. The product line also includes usda approved models for sanitary use in the food and pharmaceutical industries. The rotary valves are available in 10 consecutive sizes from 100-500mm, covering a capacity range of the rotor from 0.8-230 liter per revolution at 100 % filling.



## EASY CLEANING ROTARY VALVE

The easy cleaning has an easily detachable rotor which can be removed within few minutes to facilitate inspection and cleaning. The extraction mechanism offers a high degree of operator safety and gives the line operators considerable flexibility in cleaning and maintaining the equipment between runs. The easy cleaning valves are available in 6 sizes covering a capacity range of the rotor from approximately 2.5 to 58 liter per revolution at 100 % filling.

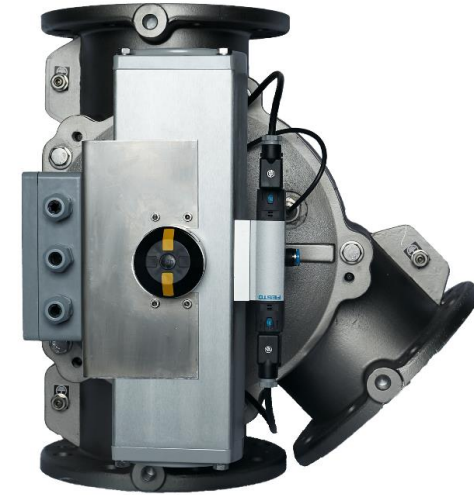






## DIVERTER VALVE

The diverters have been specially designed to route powders and pellets with minimum degradation in pneumatic conveying systems. The diverter is applied in the chemical, pharmaceutical, plastic, food and other related industries. It is available in 7 different pipe sizes  $\varnothing$  50, 65, 80, 100, 125, 150 and 200mm.



## SINGLE TUNNEL DRUM TYPE DIVERTER

Our SDTD are designed to divert dry materials such as powders, pellets, kibbles and granules with minimum degradation in pneumatic conveying our diverters are used in food, chemical, plastics, pet food, pharmaceutical and other process industries. The SDTD is available in different sizes starting from 150, 200, 250 and 300mm.





## **BIN DISCHARGER**

### **FEATURES**

- A wide range of sizes from 600mm to 2500mm
- Endless, durable flexible sleeve, fda approved, single piece construction
- Hanger bolts with silent blocks to absorb vibration and prevent vibration from being transmitted to top hopper
- High-quality vibratory motors
- Available in carbon steel and stainless steel material
- Very easy to install at the site
- Bottom hopper with demountable feature available upon request

### **APPLICATIONS**

Bin dischargers are used for breaking the bridges and rat holes in bulk solids stored in silos while taking them out from the bottom of silos and big hoppers.



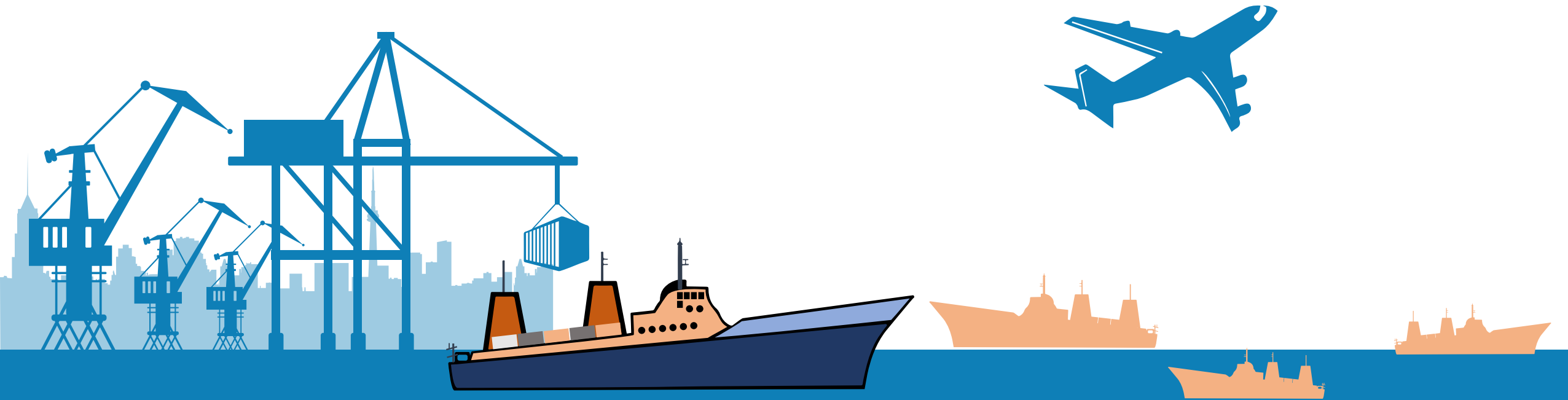
# CERTIFICATIONS & APPROVALS



*\*click on the logo to download the certificate*



# DISTRIBUTED PRODUCTS



# BFM<sup>®</sup>fitting



- 100% sealed, eliminating leaks and dust
- No product build-up means better hygiene
- Easy to flush through for cleaning



- Improved performance under (positive and negative) pressure
- No tools required for fitting = reduced health & safety risks
- Transparent BFM<sup>®</sup> connectors allow you to see product flowing between machines



- The more flexible, robust materials of BFM<sup>®</sup> connectors, over traditional connectors, significantly extends product life
- Snap-in fit makes installation easy
- Standardized BFM<sup>®</sup> connector sizes mean you need to keep less stock

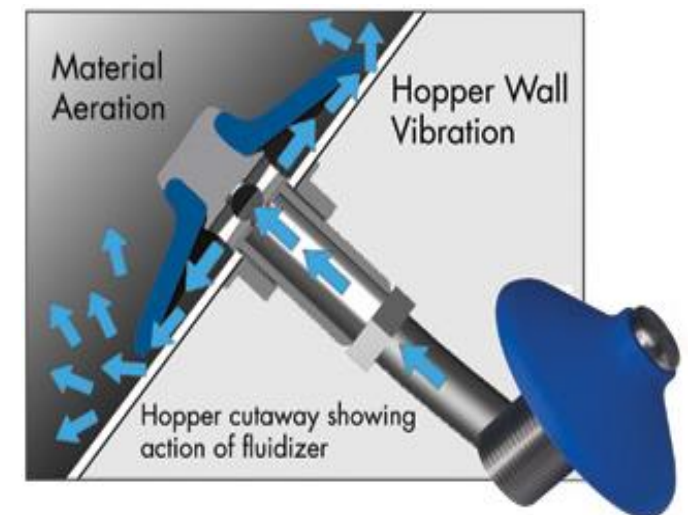




Solimar Pneumatics offer a family of Silo Fluidizers that promote the discharge of dry products from bulk road tankers, storage silos, dust collectors, weigh bins and IBC's. Solimar disk fluidizer system provides aeration & vibration for fast, efficient unloading of dry bulk materials in the Food, Animal Feed, Pharmaceutical, Chemical, Mining, Petroleum, and Construction industries.

### **BENEFITS AT A GLANCE**

- Optimized air volume unloads your silo or trailer faster
- Prevent bridging, rat holing and compacting
- Superior sealing properties at the outer edge of the aerator rubber stop the backflow of products into aeration lines – even when flood loading
- FDA approved materials with operating temperatures up to 230 °C
- Carbon, Stainless Steel or Aluminum models in a variety of sizes provide High Volume, Low Pressure or Low Volume, High Pressure





## HOUSED GRID

Housed easy clean grid magnets are ideal for removal of fine iron and para-magnetic contamination from a range of dry free flowing products such as sugar, grain, flour, granulates and powders.



## HIGH-INTENSITY LIQUID FILTER

The High Intensity Liquid Filter magnetic separator has been designed to operate in pressurized transfer lines to provide protection against ferrous and para-magnetic contamination.



## PNEUMAG SEPARATOR

The Pneumag high intensity magnetic separator has been designed to operate on pneumatic conveying lines to provide protection against ferrous and para-magnetic contamination.



## COMPRESSION COUPLINGS

The 'Original' Morris compression coupling designed to join pipe and tubing for pneumatic conveying systems.

### FEATURES

- Easy to install
- Pipe and tube size 12 mm through 1220 mm
- Standard construction is Galvanized Steel
- Also available in Stainless Steel and Aluminum
- Gasket materials: Black and White Neoprene, Silicone, and others Static conductive grounding strip is standard



## PNEUMATIC BENDS

Short and Long Radius Bends for pneumatic and vacuum conveying systems and readily available from stock in a variety of materials, wall thicknesses are centerline radius.

### FEATURES

- Available in Aluminum, Stainless Steel, Carbon and Galvanized Steel
- Size ranges from 1" O.D. through 12" IPS
- Standard wall thickness
- Tubing – 16, 14, 11 gauge
- Pipe – 5, 10, 40 schedule
- Other wall thicknesses available upon request



## IN-LINE SIGHT GLASS

Provide a 360° full-view window to observe material flowing through pneumatic or vacuum conveying lines.

### FEATURES

- Direct in-line mounting
- Smooth 'straight-through' design
- Permanently attached grounding strip eliminates static electricity build-up
- A wide range of sizes with Aluminum or Stainless Steel Ends
- Clear acrylic view segment is standard: Glass



Keofitt is a specialized Danish company founded by engineer and master brewer Kai Ottung. Keofitt is focused on one matter only: hygienic and sterile sampling. This has been the base from the very beginning and continues to be the base still. Keofitt worked with breweries around the world to improve product quality and in doing so it developed a unique product range for sterile sampling for the medical, the soft drink and the food industry as well as, of course the breweries.

## CERTIFICATION



## PRODUCT GROUP ICONS

Presenting the market's most complete and versatile product range for sampling we have divided our products into group icons for your convenience:

### CLASSIC



### BASIX



### SESAME



### ASEPTIC



**Jacob** is no.1 for modular pipework systems in Europe. Conveying pipe systems for bulk goods handling and dust extraction, as well as ventilation plants for environmental change to applications, are all within the large scope for Jacob pipe systems (Ø 60-1600 mm or alternative specifications as a special requirement, wall thicknesses from 1 mm up to 3 mm, material: powder coated, hot-dip galvanized as well as stainless steel).

In addition to our modular mass products, we provide customized solutions for our customers. The Jacob modular piping systems are most economical for installation with “quick connect” pull rings. Jacob fittings are used in food, pharma, dairy and chemical industries. We have stocks of chosen items in our facility.





**SEPFIL ENGINEERS INDIA**  
EXPERT IN SIEVING, CONVEYING &  
POWDER HANDLING TECHNOLOGY



## SIEVING | SCREENING | FILTERING | CONVEYING | POWDER HANDLING

**SEPFIL** is a industrial solution provider whose mission is to design and build the best quality industrial sieves for all manufacturers worldwide. **SEPFIL** is providing equipment to some of the world's largest food and beverage, pharmaceutical, chemical, and additive manufacturing.

We provide conveying, bulk material handling & sieving solutions to business across the world. Our mission is to deliver distinction in our field of expertise, developing flexible modular design, along with clear and concise communication to distribute our product information.



SEPFIL  
STANDARD SIEVE



SEPFIL  
SANITARY SIEVE



SEPFIL  
SUPER SIEVE



TECHNOFOUR ELECTRONICS PVT. LTD.

*The Leaders in Product Checking Systems*



Technofour is the leading manufacturer and exporter of Metal Detection Systems and Checkweigher Systems in India.

*With over 15,000 Metal Detection Systems and 4,500 Checkweigher Systems installed and operating successfully in various Pharmaceutical, Food, Soap, FMCG and Chemical Industries in India and around the globe*

## PRODUCT RANGE



METAL DETECTORS FOR  
PHARMA APPLICATIONS



METAL DETECTORS FOR  
PACKED PRODUCTS



DYNAMIC  
CHECKWEIGHERS



DEDUSTERS



COMBINATION OF METAL  
DETECTOR &  
CHECKWEIGHER



PRODUCT HANDLING  
SYSTEMS



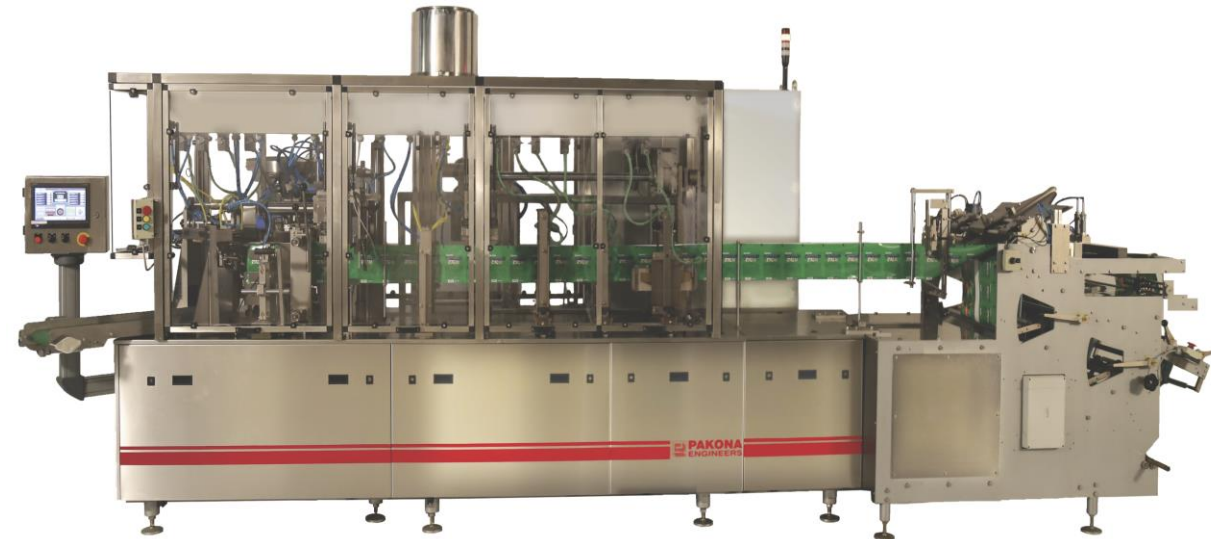


**PAKONA**  
ENGINEERS (I) PVT. LTD.

Airlock

**PAKONA ENGINEERS (INDIA) PVT. LTD.** founded in 1983 and has international certification from DET NORSKE VERITES according to ISO 9001. Today, over 4,500 pieces of equipment are operated in 80 countries around the world. The company is a leader in the production of packaging machines for horizontal and vertical types of film and is in constant development, improving its technology and offering new solutions.

- ❖ Horizontal Form/Fill Seal Machine
- ❖ Vertical Form/Fill/Seal Machine
- ❖ Horizontal Cartoner Machine
- ❖ Pick/Fill/Seal Machine
- ❖ Vertical Baler Machine
- ❖ Stickpack Machine
- ❖ Multitrack Machine
- ❖ Container Filling Line for Bottles, Jars & Cans







# PNEUMATIC CONVEYORS

The safest solution to transfer powder, granular or solid products

**Delfin** was founded over twenty years ago by the passion of its founder, Antonino Siclari, for the industrial vacuum sector.

Since then Delfin has never stopped working to offer its customers innovative and efficient solutions at the top of quality and design, solving vacuum problems for professionals and industries throughout the world.

## Our Mission:

Create innovative solutions to increase Efficiency, Safety and Productivity.

Every day we create innovative solutions to improve production efficiency, ensure safety and to increase productivity.





A DIVISION OF SALINA VORTEX CORPORATION



Vortex offers a wide range of solids handling components that suits most materials and applications. Selecting the right piece of equipment is critical to the success of any dry bulk material handling system. Misapplied components and deficient designs add unexpected costs and inefficiencies in the process.

## QUANTUM SERIES

VALVES FOR DRY BULK PROCESSING & CONVEYING



## MATERIALS HANDLED

### Food



### Plastics



### Chemicals



### Other



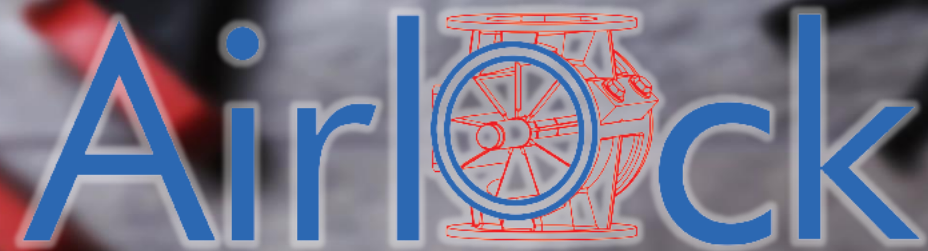
### Heavy



## TITAN SERIES

VALVES FOR HEAVY-DUTY MATERIAL HANDLING





PT. AIRLOCK INDONESIA JAYA RAYA

**AFTER MARKET SERVICES**

**PT. Airlock Indonesia Jaya Raya** is young and energetic company with passion to deliver value to the customers . We undertake servicing of Rotary valves, Diverter valves, Blowers & Pneumatic conveying components. We do not have limitations in servicing other make of valves. Airlock has professionally trained engineers / technicians to service all makes. Our company has a separate service facility and a team to perform all service work.

Our factory trained engineers will discuss with you and your management and finalize the most appropriate program the plant needs. These range from services that are cost effective, proactive and compliance oriented. For example, we have Drop-in replacement concept which is very new to this part of the world. Please feel free to contact us for further discussion on the above concept.

### **CUSTOM SOLUTIONS FOR EVERY PROBLEM**

If your airlock is prematurely wearing, caking, sticking or leaking, we can advise on how to minimize or eradicate these issues. There are variety of conditions that can cause an airlock to work inefficiently or cease. Every situation is unique and requires a custom Rotary Airlock solution. Our extensive knowledge of Airlock and pneumatic conveying expertise allows to find a solution for every problem.

### **WHY AIRLOCK**

- Years of experience in Rotary / Diverter valves and their application expertise. Please call us, when you have a new application or moving a rotary valve from one application to another.
- We have enough experience to advise the right valve to handle different product.
- Factory trained technicians available for on-site valve services.
- On-site training programs to train your factory technicians and operators to assemble and disassemble the valve as per manual.





We provide After Sales Service and complete Spares back-up for all products we manufacture / handle.



We undertake maintenance of Rotary Valves, Diverter Valves, Blowers of all sizes and makes including Annual Maintenance Contract for the same.



Our engineers are factory trained in servicing various brands of Blowers, Rotary Valves, Diverter Valves, Butterfly Valves and other equipment's mostly used in process industries.



We provide similar services in the countries we have our associate companies. The support is extended to Thailand, India, Singapore, Malaysia, Australia and New Zealand.



We stock commonly used Spares for Valves, Blowers etc.



We do stock Spares for chosen System Integrators and End Users on request.



## Rotary Valve

### Our Service Includes

- Parts Inspection
- Special Checks
- Deviation Reports
- Certification where necessary
- Spares Support

### After Assembly

- Test Run
- Leakage Test  
(Wherever applicable)
- Documentation

### Contact Our Engineers For

- Essential service Programs
- Preventive Maintenance
- Annual Maintenance



Before

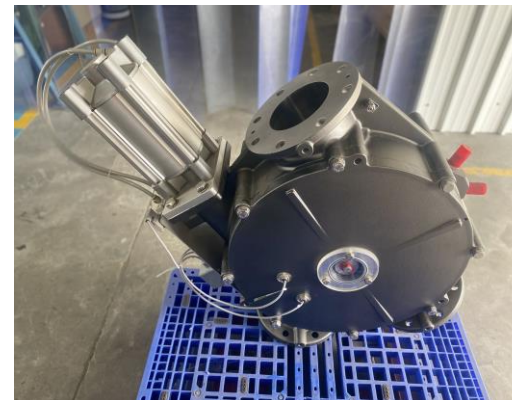


After

## Diverter Valve



Before



After

## Roots Blower

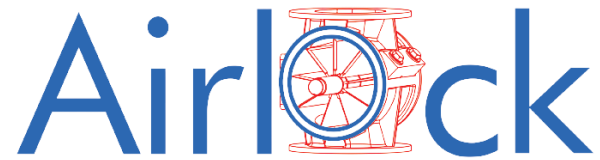


Before



After

# CONTACT US



PT. AIRLOCK INDONESIA JAYA RAYA

## CIKARANG OFFICE

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JAKARTA 12950 – INDONESIA  
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GET IN TOUCH



OUR PRESENCE ALSO IN

SINGAPORE

AUSTRALIA

INDIA

PHILLIPPINES

THAILAND

MALAYSIA

# GLOBAL PRESENCE



**Airlock BSH UG**



**Airlock India Private Ltd.**



**Air-lock Corporation Ltd.**



**Airlock Inc.**



**Airlock SDN BHD**



**Valveco DMCC**



- **RAP Engineers Asia Pacific Pte Ltd**
- **Valveco PTE Ltd.**



**Airlock USA  
(Coming Soon)**



**NTR Engineers PTY Ltd.**



**PT. Airlock Indonesia  
Jaya Raya**