

POWER PLANT Component Upgrades

POWER PLANT SOLUTIONS

DOUBLE-FLAPGATES

ROTARY AIRLOCK
VALVES

PNEUMATIC
SCREW PUMPS

PRESSURE/VACUUM
BLOWER PACKAGES



DOUBLE-FLAPGATES

The A-Series-Cast Double Flapgate Airlock Valves are designed for high pressure applications and standard temperatures to 700° F. These units are an excellent economical alternative to rotary valves. All our models match the standard industry flange pattern and height. Our MPSA model enables it to fit in restricted space without costly structural changes.

All our models offer a choice of pneumatic, electro-mechanical or gravity/counter-weight actuation.

THE MEYER ADVANTAGE

- Seats and gates can be reground for extended life
- Industry standard actuators for lower replacement cost
- Heavy-Duty outboard bearings for longer bearing life





Meyer®
*Engineered Airlock
Technologies*

ROTARY AIRLOCK VALVES

POWER PLANT SOLUTIONS

Meyer valves serve as airlock transition points, sealing pressurized systems against loss of air or gas while maintaining material flow between vessels with different pressure. Meyer valves are also widely used as volumetric feeders for metering materials at precise flow rates from bins, hoppers or silos into conveying or processing systems.

FEATURES

- 14 different sizes
- Superior castings - abrasion resistant
- Outboard bearings/replaceable packing
- 8 and 6 vane high capacity rotors
- Pressure differentials to 15 PSI
- Temperatures to 1000°F
- Multiple drive configurations
- Optional wear-resistant coatings



FOR SERVICE CALL 1-800-963-4458

PNEUMATIC SCREW PUMPS

Screw Pumps provide a large material throughput capacity utilizing a low-pressure, high-velocity air supply. They are a rugged, dust free replacement for many more fragile styles of pneumatic feeders. Thanks to a low profile it is an ideal feeder for applications with restricted head room.

FEATURES

- Dust free feeding for pneumatic conveying systems
- Screw feeder for pneumatic conveying/lines up to 15 PSI
- Perfect for ash and lime systems
- Longer bearing life/fewer system shutdowns
- Increased conveying rates with less air
- Intermittent or constant feed
- No blow back even while starting or running empty
- Increased resistance to abrasive materials
- Easy to repair in the field
- Capacities up to 100 Tph



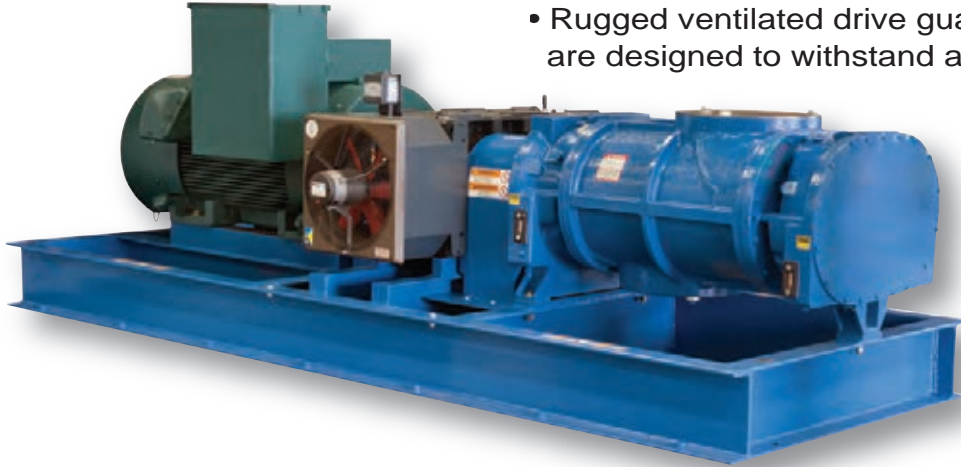
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PRESSURE/VACUUM BLOWER PACKAGES

FEATURES

- Power Packs incorporate positive displacement Lobe blowers. Built with precision and time tested quality pressure to 20 PSI/18”Hg
- Lobe blower is horizontally mounted for optimum gear lubrication
- All Power Paks are completely assembled and pre-piped to facilitate installation
- All packages feature premium brand motors and top of the line silencer/filter components, controls and accessories
- Pre-engineered drive selections deliver the most efficient operation
- Rugged ventilated drive guards are designed to withstand abuse



WE SERVICE AND REBUILD



Rotary Airlocks



Centrifugal Blowers



Vacuum Pumps

Meyer is your single source for system components dealing with abrasive products, high temperatures and high pressure differentials. Meyer is also your single source for parts and accessories. Let our engineers and system service people provide you with recommendations to improve operational life and performance of your equipment.



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