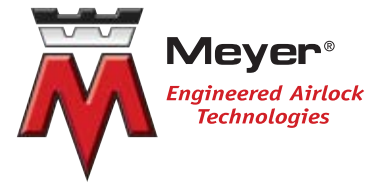


# PNEUMATIC SCREW PUMPS



# CEMENT PLANT Component Upgrades

In addition to our rotary valves and double-flap gates, we also have another alternative, Meyer 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. So from low pressure, low abrasion, or low temperature material, we can offer solutions that go to high pressure, high temperature, and highly abrasive material.

## FEATURES

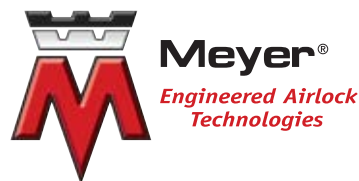
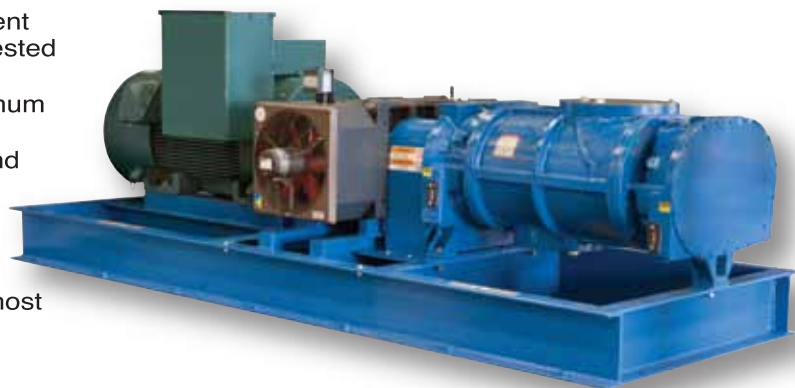
- Dust free feeding for pneumatic conveying systems
- Screw feeder for pneumatic conveying/lines up to 15 PSI
- Perfect for ash and lime systems
- Longer bearing life/fewer system shutdowns
- Increased conveying rates with less air
- Intermittent or constant feed
- No blow back even while starting or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



# 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



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# CEMENT PLANT SOLUTIONS

MPSA  
DOUBLE-FLAPGATE  
VALVES

MPFTA  
DOUBLE-FLAPGATE  
VALVES

ROTARY AIRLOCK  
VALVES

PNEUMATIC  
SCREW PUMPS

PRESSURE/VACUUM  
BLOWER PACKAGES



## DOUBLE-FLAPGATES

Our Double-Flapgates combines Meyer engineering, design and value with increased economy. Flapgates are designed for high pressure applications and standard temperatures. These units are an excellent cost-effective alternative to rotary valves. Our models offer a choice of pneumatic, electro-mechanical or gravity/counter-weight actuation. Every Meyer Double Flap valve is backed by an 18 Month warranty and 2 Year price freeze on spare parts.

## THE MEYER MPSA ADVANTAGE

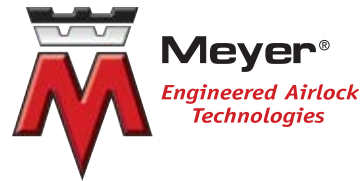
- Built with simplicity, reliability and durability in mind
- Designs to 700° F
- White iron seats and gates with a Brinell hardness rating of 650 Bhn, for an extended life
- Seats and Gates can be "re-machined" providing a second life at minimal costs
- Front cover with lift handle, allows for on-line replacement of seats and gates
- Industry standard actuators for lower replacement cost
- Interchangeable with Plattco PCV and S-8 series



CALL MEYER 1-800-963-4458

CEMENT PLANT SOLUTIONS





## MPFTA DOUBLE FLAPGATES

## ROTARY AIRLOCK VALVES



### THE MEYER MPFTA ADVANTAGE

- Built with simplicity, reliability and durability in mind
- Designs to 700° F
- White iron seats and gates with a Brinell hardness rating of 650 Bhn, for an extended life
- Seats and Gates can be "re-machined" providing a second life at minimal costs
- Front and rear access covers with lift handles. Allows for on-line replacement of seats and gates
- Industry standard actuators for lower replacement cost
- Interchangeable with Plattco H Series

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 500°F
- Multiple drive configurations
- Optional wear-resistant coatings



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CEMENT PLANT SOLUTIONS

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