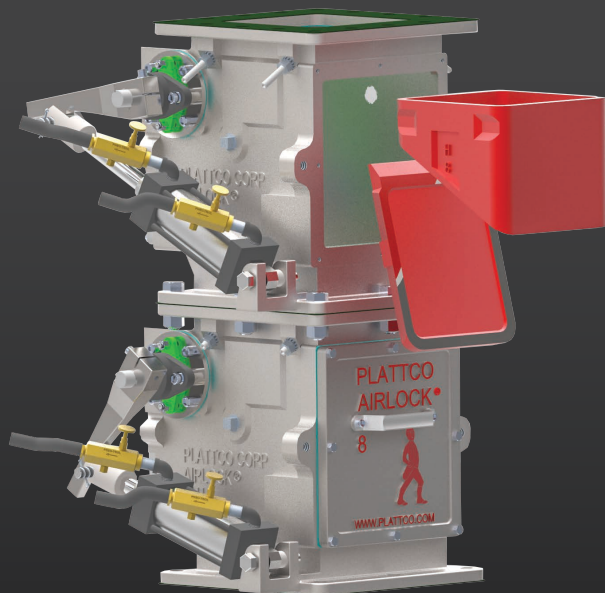




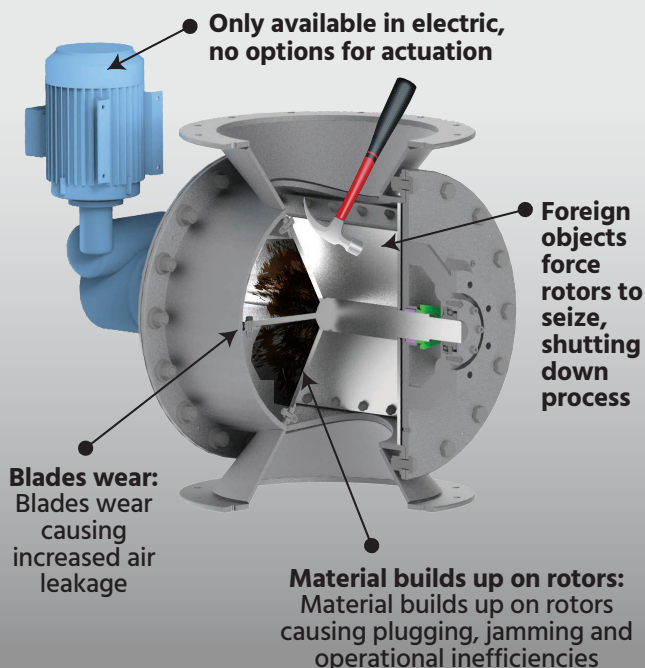
# Rotary Valve Replacement

## DOUBLE FLAP VALVE TECHNOLOGY



VS

## ROTARY VALVE



## LOW MAINTENANCE, REPAIRABLE IN LINE, TIGHT SEAL

Plattco valves allow for safer and easier inline repair and maintenance while eliminating problems with:

- Air leakage
- Jamming
- Plugging & Bridging

We invented the Double Flap Airlock Valve in the 1960's and since that time a very significant portion of our business each year comes from replacing rotary valves in many industries world-wide. Not only can our valves perform in critical applications maintaining an airlock under high pressures/temperatures in demanding applications, but we also have valves designed specifically for pollution control and nuisance dust.

While rotary valves have their place in the market, Double Flap Airlock Valves are purchased in many applications in place of rotary valves by leaders who insist on a solution that offers less maintenance and improves plant efficiency. A Plattco Double Flap Airlock Valve seals tighter than a rotary valve as there are no clearances required in the design.

While the clearances in rotary valves increase at elevated temperatures (causing more leakage), a Plattco Valve remains constant. Plattco provides a long-term solution to rotary airlock wear by eliminating the rotary action of the valves.

# SYSTEM PERFORMANCE & EFFICIENCY THROUGH THE UTILIZATION OF PLATTCO'S DOUBLE FLAP AIRLOCK TECHNOLOGY

- One flapper is always closed to maintain a pressure differential. Seats and flappers (internal wear components) are heavy duty cast up to 650 Brinell and wet ground within .003" clearance when leaving the factory. Compare this to the minimum of .008 clearance between the housing and rotary vanes of a new rotary airlock valve. This translates to an estimated 66% reduction in air leakage (fugitive/tramp air) when using a Plattco Valve.
- Valves designed to handle temperatures up to 1800 F (980C) .
- Valves designed to handle pressures up to 50 PSI (3.5 bar).
- Our Regrind Program allows internal mating surfaces to be resurfaced to Plattco Factory Standards at a fraction of the cost.
- Seal is not a part of the housing, internal sealing components can be safely and quickly changed in line.
- Optional coatings for internal wear surfaces available to extend the life of your valve and reduce maintenance time.
- Variety of actuation options available (pneumatic, electric, gravity and hydraulic actuation).

