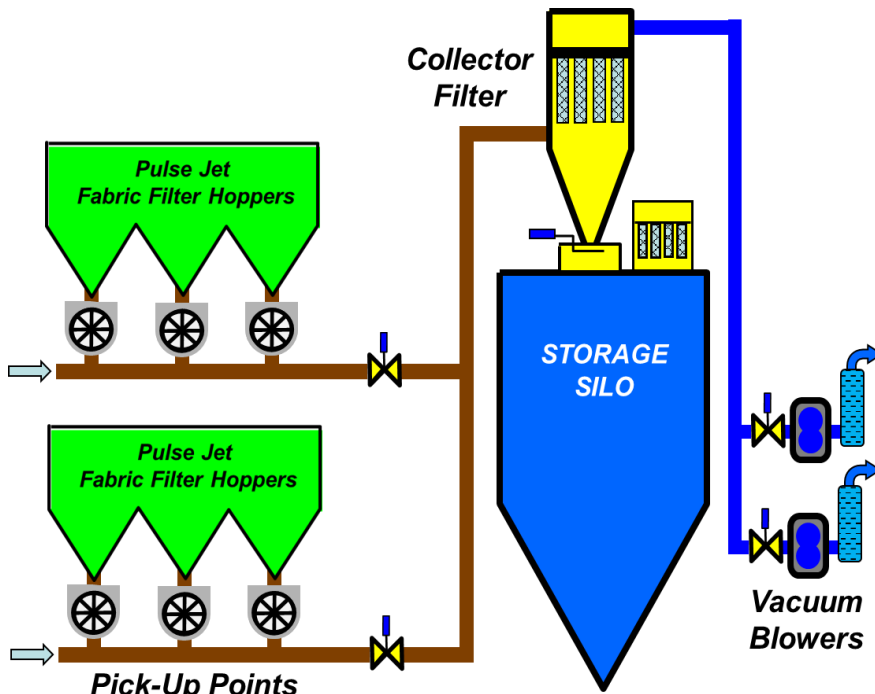


# Vacuum Conveying:

For Utility and Industrial Applications



Silo Roof mounted Collector Filter



XL Rotary Valve feeding a vacuum conveying line at a pick-up point

Vacuum systems can be used to unload railcars and trucks, transfer product from bins, silos, hopper, pulse jet fabric filters, ESP hoppers or any collection point (or pick up point).

Vacuum conveying systems can be used for both short or long distances. Vacuum systems are typically known as the leanest form of pneumatic conveying. Unlike a pressurized pneumatic conveying, if leaks occur with a vacuum system, ambient air is pulled inward, minimizing the possibility of dust escaping.

With products and technology dating back to 1921, Delta Ducon provides equipment and full systems for the material handling industry.

## **Basic Vacuum System Advantages:**

- **Ideal for many pick up points to a single destination.**
- **Ideal for low headroom at the pick up points.**
- **Ideal when dust control is important. (vacuum leaks are inward)**
- **Ideal when material characteristics tend to vary.**
- **Ideal when material temperature is under 500 deg F.**

DELTA DUCON, LLC  
35 Sproul Road, Malvern, PA 19355  
Phone: 610.695-9700 - Fax: 610.695.9724  
[www.deltaducon.com](http://www.deltaducon.com)

# Vacuum Conveying:

For Utility and Industrial Applications



PWERMA/flo Conveying Piping



Vacuum Collector/Filters on a silo roof



Material Handling Valve for vacuum ash handling and other products



Vacuum unloading of a Railcar



Silo Aeration & Unloading

Vacuum Blowers

Vacuum Conveying Pipe and Fittings

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