

# Safely Convey Powders into Potentially Explosive Areas



Volkmann has unveiled its ATEX-approved INEX vacuum conveying system for the vacuum transfer of dry or wet powder and granules into potentially hazardous conditions. According to the company, the INEX reactor loader additionally delivers:

- A patent-pending nitrogen purging function that reduces oxygen content within the unloaded batch to below 7 percent (or lower when required), maintaining the material's inert safety, while providing dust-free transport.
- A multiple-stage Venturi Multijector® vacuum pump to permit dense-phase transportation under vacuum without segregation, damage or abrasion, for effective and reliable transport.
- A closed station that can be flushed from within by sucking in the washing liquid or through wash/clean in place (WIP/CIP) operation.
- Safe and user-friendly vacuum conveying featuring complete pneumatic transfer and no electric components.
- Suitability for dust explosion zones (with material MIE greater than 3 mJ).
- The flexibility to purchase a stationary or mobile unit, depending on the application.
- Availability of PTFE/EFTE-coated vacuum conveyors for improved chemical resistance.

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