



CLEAN. CONSISTENT. CONTROLLED.

Pneumatic Vacuum Conveying Solutions



Watch Now

ConveyX | PNEUMATIC CONVEYING

by  MATERIAL TRANSFER

BUILT FOR CONTAINMENT. ENGINEERED FOR COMPLIANCE.

ConveyX delivers reliable, dust-tight powder transfer through a negative-pressure system that minimizes contamination, prevents product loss, and protects operator health. Its tool-free, quick-clean design and CE/FDA certifications ensure efficient, compliant operation with minimal downtime. The fully enclosed, modular system installs quickly, scales effortlessly, and maintains cleaner workspaces while safeguarding product integrity.



COMMON APPLICATIONS



Blending



Load/Discharge



Dosing



Distribution



Separation



Material Handling

BENEFITS & ADVANTAGES

THE CONVEYX DIFFERENCE

MAINTENANCE

Air-operated vacuum conveyors have no moving mechanical parts, eliminating routine maintenance & reducing long-term operating costs.

FLEXIBILITY

Flexible tubing bends easily to fit complex layouts and can be quickly repositioned or modified, enabling rapid system reconfiguration as production needs change.

SANITATION

Smooth, crevice-free surfaces and a simple air load enable rapid pipe sanitation and filter changes, minimizing downtime and supporting compliance.

SAFETY

ATEX certified and NFPA compliant for combustible dust. The sealed conveyor prevents toxic material dispersion for enhanced facility safety.

QUALITY

Overhead conveying minimizes product drop & surface contact, while controlled routing keep materials separated, preventing cross-contamination & preserving product integrity.

AIR-OPERATED PNEUMATIC CONVEYORS

Suggested for maximum hygiene and silence, or when air is preferable to electricity (up to 1300 kg/h)

- Multi-jet Venturi system with low air intake
- ATEX z21 & 22 / NFPA compliant (Class I & II)
- All components are FDA certified

ELECTRIC PNEUMATIC CONVEYORS

Suggested for moving solids and increasing productivity with more speed and less air consumption (up to 4000 kg/h)

- Powerful bypass motor or side-channel blower
- ATEX z22 / NFPA compliant (Class II)
- All components are FDA certified

PNEUMATIC RANGE	UNIT	VENTURI
Water Lift	in H2O (mmH2O)	301.2 (7650)
Power	hp (kW)	5.36-20.1 (4-15)
Air Supply	CFM (lt/min)	13.1-49.5 (370-1400)
Airflow	CFM (m3/h)	64.7-223/7 (110-380)

ELECTRIC RANGE	UNIT	230/1PH	400V/3PH
Water Lift	in H2O (mmH2O)	100.4 (2549)	84.3-216.8 (2141-5506)
Power	hp (kW)	1.5 (1.15)	2.0-23.2 (2.2-17.3)
Airflow	CFM (m3/h)	105.9 (180)	187.2-706.3 (318-1200)

USE OF PNEUMATIC VACUUM CONVEYORS CAN IMPROVE PRODUCTIVITY AND EFFICIENCY BY UP TO 30%.



PRO RANGE

COST-SMART TRANSFER FOR LOW-DENSITY, FREE FLOWING MATERIALS

Engineered for very low bulk densities (~0.01–0.06 lb/ft³), the PRO Line moves dry, easy-flowing products reliably and without fuss, ideal when you need dependable performance on a sensible budget.

STANDARD EQUIPMENT BENEFITS

- 1. Excellent Value:** Robust results at an accessible price
- 2. Smooth Flow:** Optimized for dry, free-flowing powder/granules
- 3. Simple to Deploy:** Straightforward setup and operation with low upkeep



TECH RANGE

THE MOST FLEXIBLE, SANITARY CONVEYING SOLUTION

Move virtually any material, from ultra-light powders to higher-density granules, with a modular system that adapts to your process and cleans fast.

STANDARD EQUIPMENT BENEFITS

- 1. Any Product, Any Density:** Reliable transfer across a wide range of materials
- 2. Modular & Scalable:** Reconfigure pickups, drops, and runs as needs evolve
- 3. Fast Sanitation:** Tool-less access and smooth, hygienic surfaces (CIP-ready options)
- 4. Consistent, Clean Operation:** Gentle, enclosed flow that protects product and people



INDUSTRIES

EXPERIENCE SAFETRANSFER FOR SENSITIVE MATERIALS

When handling toxic or explosive-prone materials, pneumatic vacuum conveying provides a safe, dust-tight transfer solution. Its enclosed system design makes it the preferred choice for food, beverage, and specialty chemical applications requiring both safety and sanitation.



AGRI-FOOD

COFFEE

NUTRACEUTICALS

DAIRY SECTOR

DRIED FRUIT BAKERY PRODUCTS

CONFECTIONARY & CANDIES

TEAS | SPICES | AROMAS | HERBS

PET FOOD

DRYING AGENTS

COATINGS | PAINT

ADHESIVES | SEALANTS



TOXIC MATERIAL

Pneumatic conveyors provide the safest solution for transferring toxic or hazardous materials. Their fully enclosed design prevents product dispersion, protecting both operators and the working environment.

EXPLOSIVE MATERIAL

When fine powders are exposed to potential ignition sources, explosions can occur. While the risk can never be completely eliminated, it can be significantly reduced by preventing the buildup of electrostatic charges.



Explore Full System Options & Integrations

Our custom bulk material handling systems can be integrated to provide a complete solution built to outperform in your unique manufacturing environment.



Watch Now

Filling | Discharging | Loss/Gain In Weight Batching | Mechanical & Pneumatic Conveying | Storage | Feeding

DRIVEN BY EXCELLENCE.

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