

PNEU-CON ***PNEUMATIC*** ***CONVEYING, INC.***



GRAIN CONVEYING SYSTEMS

960 East Grevillea Court, Ontario, CA 91761

Pneu-Con.com

Ph: (909)923-4481 Fax: (909)923-4491

GRAIN CONVEYING SYSTEMS

Simplicity is the key to our conveying systems, with flexibility to design for your unique space configuration, enabling strategic process station placement including 'turns' and elevation 'climbs' and/or 'drops' as needed. Economical tubing and flexible hoses allow equipment to be installed as desired for the best fit possible into your building, and accommodate process stream.

Self-Contained Grain Whisper® Loaders

Grain Whisper Loaders are Self-Contained vacuum conveying systems that automatically maintain constant material levels in day bins or receiving hoppers. Grain Whisper Loaders can handle a variety of grains, including barley, malt, wheat and more.

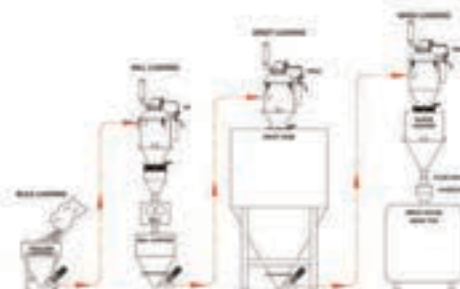
- Fully Assembled, ready for immediate use with feed rates from 50 - 3000 pounds per hour.
- Special inlet, sanitary, and abrasion-resistant options are available.
- 60° cone design, mounting flange and discharge valve.
- Diaphragm action - flat filter.
- Vibra-Pulse Automatic filter-cleaning system consumes 0.5 SCFM @60 PSI of dry, filtered compressed air for each cycle. (Compressed air source not included)
- Standard vacuum source is an economical, durable brush-type motor. Standard voltage 120VAC/1Ø/60Hz. (240VAC is optional)
- Pneu-Vue PLC-based Control Panel, NEMA 1 Hinged Enclosure. NEMA 12 & 4XSS available.
- Adjustable Pick-up Lance and grounded flexible hose.

Available in aluminum, carbon and stainless steel with 120 or 240 voltages.



Brewery System Conveying Process Segments

- Grain (barley, malt, wheat) placed in feed bin hopper
- Feed bin hopper to milling/grinding station
- Milled product to grist case loading station
- Grist case hopper to hydrator and mash tun / brew house



Central-Powered Grain Conveying Systems

- Vacuum Blower Package: 480VAC Vertical belt-drive motor/blower system (pump) with static filter and vacuum breaker valve.
- Vacuum Control Valves: Multiple-station systems incorporate 2 & 3-port control valves to govern feed cycles for each station.
- Vacuum Receiver(s): Receiver housing with Semi-TE material inlet, self-dumping valve (for receiver hopper/bin level control), lid assembly with Vibra-Pulse system. Optional type 304 stainless steel construction, Mill-2B or special finishes available.

- Control Panel: NEMA 12 hinged-panel enclosure with Allen-Bradley PanelView® Operator Terminal, MicroLogix™ PLC logic-relay controller, ON/OFF power switch and light. Options for Controller types, HMI interface, and NEMA 4X (SS) enclosure.

- Options & Accessories: Contact us about available options and accessories for central-powered systems including portable hoppers, diverter valves, adapters, and scaling options such as scale hoppers, scale platforms, load cells, and more.



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Pneu-Con custom-designs, engineers and manufactures quality Pneumatic Conveying Systems including Central Powered Systems, Self-Contained Systems, Powder Loaders & Receivers, Bag Dump Stations, Blower Packages, Bulk Bag Racks, Day Bins, Silos, Tilt Stations (Drum & Gaylord), Weigh Hopper/Batchers, Volumetric/Gravimetric Blenders, Vertical Mixers, Rotary Airlocks, Railcar Unload Systems, Just-In-Time Conveying, Fines Separators and System Controls.

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