

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



## ***PELLET CONVEYING SYSTEMS***

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## Self-Contained Pellet Whisper® Loaders

Designed to be simple, efficient and economical, Pneu-Con's Self-Contained Pellet Whisper Loaders give you the flexibility to transfer pellets from a bag, super sack, or flexible intermediate storage to blenders, extruders or other processes.

These systems are flexible, fully assembled and ready for immediate use. Start with a few stations, then add stations and optional equipment to economically scale upward as your needs change, and demand grows.

- Fully Assembled, ready for immediate use with feed rates from 50 - 3500 pounds per hour.
- Available in aluminum, carbon and stainless steel with 120 or 240 voltages.
- Special inlet, Semi-TE, Box-TE 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/10/60Hz. (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.

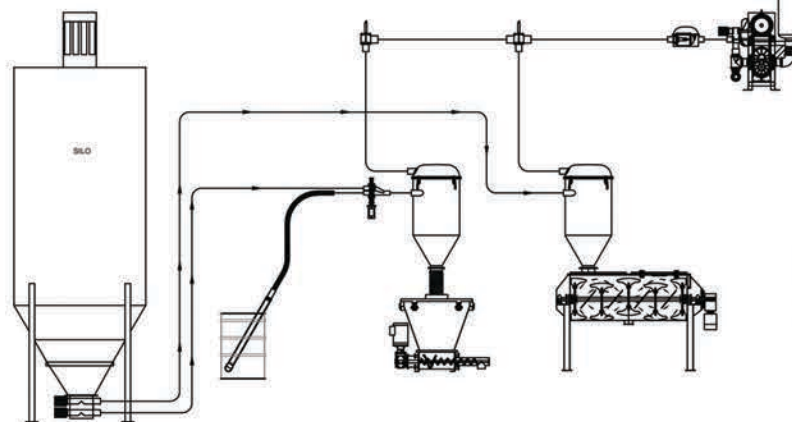


## Central-Powered Pellet Conveying Systems

Simplicity is 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.

- 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 and 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: Portable hoppers, Diverter valves, Adapters, Breaker valves, Scale hoppers & platforms, load cells and more.*



Contact Pneu-Con to discuss your specific Pellet Conveying System requirements and available options and accessories. We can work with you to design & install a complete, efficient and economical solution for your dry bulk pellet handling needs.

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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