



**SCALABLE
HIGH PERFORMANCE**

Vacuum Conveying Solutions
Air Purge

SCALABLE UNIVERSAL PIPING KITS



HUMAN SCALED ATTACHMENTS



**SUPER HARDENED SRT BLOWER
INSTALLS INDOORS OR OUT**

Walingas' Super Hardened SRT blower housings, end plates and impellers are precision machined to exacting ISO standards. SRT/Sound Reduction Type means equipment is engineered towards quieter performance. SRT Blower Packages are built to withstand the elements and are often installed out of doors. Anywhere you can pipe will suffice, literally eliminating more decibels to your facility interior.



Walinga's entire pneumatic conveying product line is covered by an all inclusive two year warranty. Walinga support doesn't begin or end with our warranty. Walinga engineers are on hand to help plan for your facilities immediate and future needs. Walinga expert assistance will help design the ideal system as well as train operations and maintenance staff ensuring your equipment delivers peak performance for years to come.

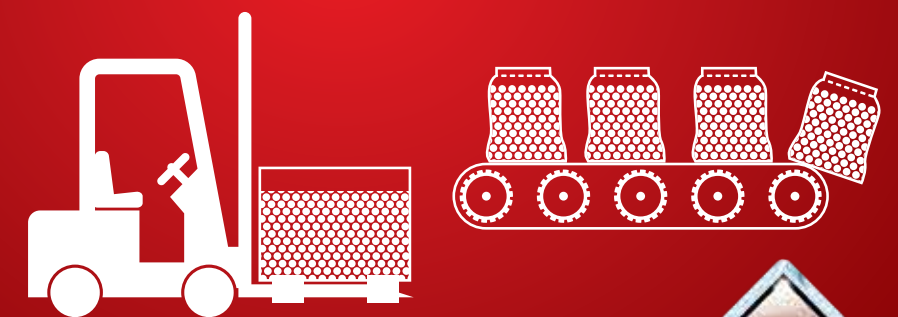
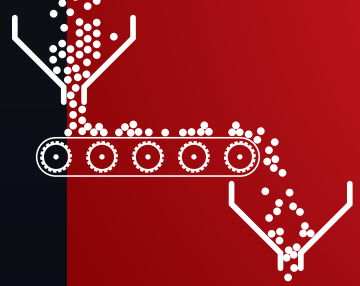
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Vacuum Conveying Solutions

IMPROVED AIR QUALITY, LESS RISK OF FIRE & DUST EXPLOSION

**VACUUM
SYSTEM**



WALINGA.COM

Head Office	Michigan	Manitoba	Ontario	Australia
R.R. #5, Guelph, Ontario Canada N1H 6J2 Tel: +1 519.824.8520 Tel: 888.925.4642 Fax: +1 519.824.5651	1190 Electric Ave. Wayland, Michigan USA 49348 Tel: 616.877.3470 Tel: 800.466.1197 Fax: 616.877.3474	70 3rd Ave. N.E. Box 1790 Carman, Manitoba Canada R0G 0J0 Tel: 204.745.2951 Tel: 204.745.6309	938 Glengarry Cres. Fergus, Ontario Canada N1M 2W6 Tel: 519.787.VACS (8227) Fax: 519.787.8210	Customvac Australia 24 Molloy St. Toowoomba Qld 4350 Australia Tel: 1800 242 699



WALINGA INC.
TOUGH TO BEAT IN THE LONG RUN



The Benchmark In Product Transfer For The Food, Feed and Seed Industries



AP CONTROL PANEL



The HMI touch screen Air Purge Control Panel allows remote monitoring of VFD drive amps and running speeds.* It features adjustable blow down airlock and blower on/off delays, Unplug Mode, increased adjustment range, additional presets, and controls Air Purge frequency. All designed to improve system performance.

*Requires ModBus RTU communication.

DROP-THRU AIRLOCK

'End of the line' located SRT Blowers produce the systems suction or vacuum. Material is transported pneumatically, on a cushion of air, minimizing bulk damage. Collected materials travel to a central Air Purge Conveying Systems large receiver tank. It's here that lighter particulate is **filtered** from **exhaust air** while heavier material is dropped thru a speed matched electrically powered airlock where it's **gravity fed** to the desired catchment device(s) below. **Minimized are the dust clouds associated with push systems.**

The filtering of fines **improves air quality, reduces the**

risks of fire and dust explosion. Purged collected fines are then dropped through the airlock.

VACUUM SYSTEM

The Walinga Air Purge cyclone delivers optimal performance with minimal maintenance requirements. Factory set to cycle every 120 seconds, pressurized air continuously clears the receiver tanks multiple filters. Discharged filter particulate is then dropped thru the airlock. What happens then is up to the systems design. Factory Air Purge settings may be altered to pair with specialty bulk characteristics.

RECOVERY or CLEAN-UP MAINTAIN CLEAN FACILITY

Promotes a healthier work environment. Reduced risk of rodent infestation.

In the event of any breach of the piping, **airflow runs back into the system, leaking inwards**, eliminating all risks associated with dispersion.

Piping installs easier and **without the moving parts of mechanical conveyors.** Without regard for elevation or alignment, installation of in-feed points is extremely flexible.



RECLAIM and RETURN, CLOSED LOOP PRODUCTION



COLLECT FOR TRANSFER TO BAG, BIN or DIVERTED PRODUCTION

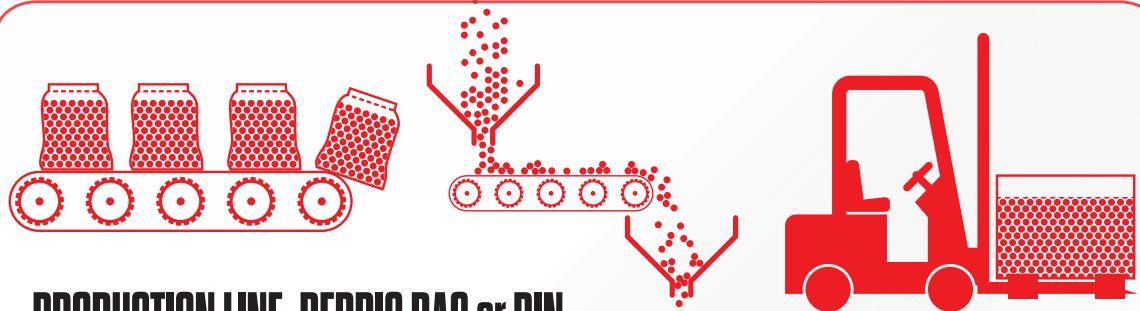
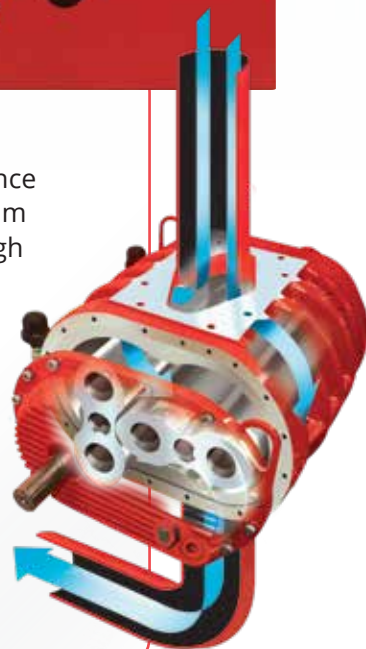


BUILDING to BUILDING ANYWHERE YOU CAN PIPE.

SRT BLOWER

Walinga's high performance blowers create the vacuum that pulls material through the system. Designed to operate at low rpm's this extends the now quieter blowers lifespan.

Customers benefit from a selection of multiple blower capacities and line sizes to best suit their needs.



PRODUCTION LINE, DEBRIS BAG or BIN

Collected material can be immediately reintegrated back into production, diverted to another process or bagged and binned for transport or disposal. **No product loss to dust collectors.** Diverter pipe assemblies can be installed for a closed piping system with multiple diverted final destinations.



VACUUM SYSTEM vs. BLOWER SYSTEM

Both systems facilitate the pneumatic transfer of materials to anywhere you can pipe. Both pneumatic systems are **less damaging to material.** A Vacuum System greatly **minimizes the release of harmful dust and particulate** into the air. Vacuum systems are inherently less likely to plug up and are **suitable for finer materials.** Vacuum Systems that draw materials to one central location require **far less maintenance** and facility real estate than other transfer alternatives.

ON-SITE DEMOS

Is a Walinga Vacuum Conveying System the right choice for your bulk transfer, dust control or product recovery needs?

It's easy enough to find out! A technical rep and full-functioning Walinga system will visit your site and demonstrate the system with your actual bulk product.



Call your nearest rep to arrange demo!