

EXAIR®-MAIL



Number 65

Fall 2005

NEWS YOU CAN USE FROM EXAIR CORPORATION

EXAIR Has Moved!



EXAIR has just moved into a larger facility several miles from our old building. The new building is located in a northern suburb of Cincinnati near the interchange of I-71 and I-275. If you are ever in the area, please stop by for a visit.

Please Update Your Records

New Address: EXAIR Corporation
11510 Goldcoast Drive
Cincinnati, OH 45249-1621

Our telephone, fax and e-mail address remain the same.

Phone: 800-903-9247 or 513 671-3322

Fax: 866-329-3924 or 513 671-3363

E-mail: techhelp@exair.com

Our remit-to address for payment remains the same.

Remit to: EXAIR Corporation
Location 00766
Cincinnati, OH 45264-0766

Previous address: EXAIR Corporation
1250 Century Circle North
Cincinnati, OH 45246-3309

Inexpensive Way To Convey Bulk Materials, Scrap, Trim, And Granules

Have you ever seen those vacuum blower systems that are used to convey plastic granules up to a hopper? The big, bulky things look like an overgrown vacuum cleaner and cost anywhere from \$800 to \$2,000 dollars. EXAIR's Line Vac is the easy to use alternative that is available in many sizes and is priced starting at only \$70.

The application shown on the right is sure to look familiar to anyone working with plastics. This manufacturer of flexible PVC tubing needed an easy way to load the bulk granules up to the feeding hopper on the extruder. They purchased EXAIR's Model 6083 1-1/2" (38mm) Line Vac and some hose (under \$150). In about 15 minutes out of the box, the conveying system was completely operational.



The Model 6083 1-1/2" (38mm) Line Vac conveys plastic granules to the gravity feed hopper on an extruder.

Line Vac Has No Moving Parts



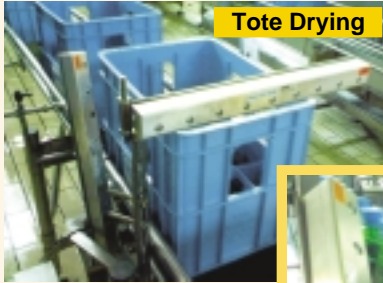
It's the low cost way to convey:

- Plastic pellets
- Paper
- Scrap trim
- Pills/tablets
- Textiles
- Small parts
- Bulk solids
- Shavings
- Food products
- Sawdust
- Chips
- Granules

Line Vac is available from stock in many sizes in both aluminum and stainless steel that fit ordinary hose and tube. Threaded Line Vac models are also available that attach easily to plumbing pipe couplers, making it easy to build a complete conveying system using ordinary PVC pipe and fittings purchased at any home center.

Do you have a conveying application? Our Application Engineers would be glad to help. Contact them at 1-800-903-9247 or by e-mail at techhelp@exair.com.

Application Spotlight: Drying To Improve Bottle Appearance



The Problem:

A bottling plant had numerous complaints from their customers regarding unsightly water marks and crooked labels on their glass mineral water bottles. The problem was two-fold. The bottles weren't completely dry before the label was applied and the recycled plastic totes that had been disinfected were still wet when the bottles were inserted. The bottles were moving down the bottling line too fast to dry them using air nozzles. Attempts to dry the totes using air nozzles offered little improvement since the airflow hit only certain parts of each tote.

The Solution:

The bottler installed (3) **Model 110018 18" (46cm) Super Air Knives** to dry the empty totes as they exited the washer. They positioned one vertically on each side with a slight tilt to direct the water down to the floor for maximum effectiveness. The third was placed directly over the totes to blow straight down to direct any remaining moisture through the open grid at the bottom. **Two additional Super Air Knives were installed to dry the bottles just prior to labeling.** The bottles were clean and dry. Customer complaints ceased.

Editor's Comment:

Blowers were not an option due to the limited space and the bottler's concern for their workers who would be exposed to high noise levels. The quiet yet powerful, uniform airflow of the Super Air Knives was ideal for this application. The laminar sheet of air was able to hit all surfaces of each tote and bottle to ensure they were dry.

The **EXAIR** Guarantee

EXAIR **unconditionally guarantees** its cataloged products for 30 days.

If you are not satisfied for **any reason** within that time,

you may return the product for **full credit with no restocking charge.**

Of course, this is in addition to our "Built To Last" Warranty.





Find it at EXAIR.com

Need a drawing, catalog or installation and maintenance sheet? There's no need to wait! Go to www.exair.com. You'll find the drawings for all the products in our CAD library. Or, visit the PDF download center which is sure to have the literature you're looking for. Visit EXAIR today!



New Application Checklist

In each newsletter, we summarize a few of the recent problems solved with an EXAIR product. Please call our Application Engineers at **1-800-903-9247** or contact them at techhelp@exair.com for help with yours.

-  To reduce air consumption and the mess, a manufacturer of metal parts eliminated open pipes for blowing and now vacuums the metal chips from their parts using the **Model 6293 Deluxe Chip Vac System**.
-  To speed the testing cycle, a manufacturer of glass top cook stoves tests the heating elements by inserting a heat sensing rod into the infrared field, then quickly cools the sensor using a **Model 3215 Vortex Tube**.
-  A manufacturer of fire proof doors makes a slurry of pulverized wheat straw mixed with the flame retardant liquid, then conveys the slurry with a **Model 6084 2" (51mm) Line Vac** to the curing vessel.
-  A manufacturer of stamped electrical junction boxes removes the oil and lubricant with a **Model 110006 6" Super Air Knife** so the bar code label adheres.

Static Control Products

Prevent jamming, tearing and static electricity shocks!



EXAIR provides the cost effective solution for removing static electricity from plastics, webs, sheet stock and other product surfaces. Production speeds, product quality and surface cleanliness can improve dramatically.



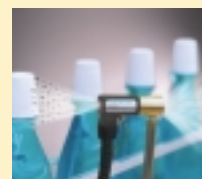
Super Ion Air Knife™ delivers a uniform sheet of static eliminating ions!



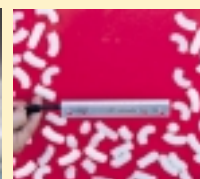
Ion Air Cannon™ provides a concentrated flow for static removal.



Ion Air Gun™ is a rugged, ergonomic, effective spot cleaner.



Ion Air Jet™ is a compact static eliminator that delivers a blast of air!



Ionizing Bars compact, rugged bars eliminate static cling.



Digital Static Meter locates the source of the static problem.