

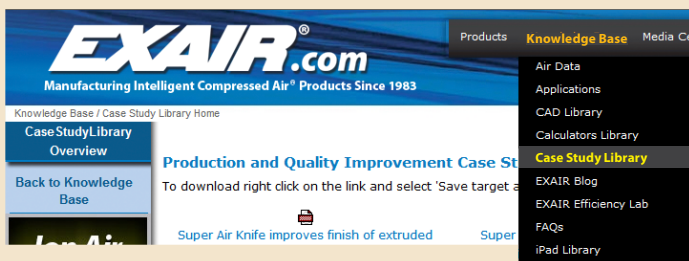
## New! EXAIR Goes Mobile!



Have you ever discovered that you needed to find a compressed air solution for your production line but were nowhere near a PC? EXAIR now has the answer to your problem! In our brand new mobile site we've made it easy for you to view information about EXAIR's product lines including: technical specifications, installation manuals, FAQs, and even demonstration videos.

Visit us at <http://products.exair.com>

## Case Study Library Available!

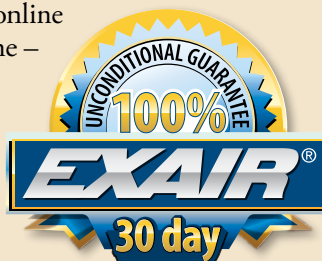


EXAIR has again expanded the amount of information that is available through our website. Now you can view nearly anything you need to know about our products and read about real-world applications that were improved with the use of one or more EXAIR products!

EXAIR has published and is going to continue to expand our Case Study Library. This is accessible through our Knowledge Base section on [www.exair.com/05/kb.htm](http://www.exair.com/05/kb.htm). You do have to be a registered user in order to access the section, but registering is free and easy.

You can see a sample of one of those Case Studies on the next page. Each Case Study includes a picture of EXAIR's product and some include before and after pictures as well. These Case Studies are grouped online by application and by product line – two ways to find the product that will help you solve your application issue!

Plus, any product that you purchase is backed by EXAIR's 30-day guarantee.



## Line Vac Air Operated Conveyor Is The Low Cost Way To Convey

When it comes time to load hoppers, convey scrap or simply move bulk materials from point "A" to point "B", the Line Vac is the solution. Many of us have seen the operator who struggles up a ladder with a heavy load of plastic pellets to fill the hopper on a molding machine. The Line Vac is a low cost way to make that procedure a thing of the past.



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

Line Vacs are great for more than just conveying! They have been used for bearing cleaning, spline cleaning or broaching where the contaminated work piece is either set into a fixture that applies vacuum over and around the work piece, or the work piece is lowered into a special vacuum box powered by the Line Vac to clean things up. They take up a small envelope of space and are easily controlled with a solenoid valve. They can be remotely mounted and are very quiet when operating.

Line Vac is available from stock in many materials and sizes up to 6" (152mm). Threaded Line Vac models mate with ordinary pipe couplers that are available from any home center or hardware store and make it easy to build a complete conveying system using PVC pipe. Our latest addition includes Heavy Duty Line Vac models that resist wear and convey a lot more material than our standard Line Vac.

EXAIR has a special offer for you during September and October. Order any EXAIR Line Vac, Threaded Line Vac, Heavy Duty Line Vac or Light Duty Line Vac by October 31, 2012 and we will include a **FREE Model 1122 2" Super Air Nozzle**. EXAIR's 2" (51mm) Super Air Nozzle is a highly efficient, unique flat air nozzle. The patented design is consistent and adjustable. A precise amount of air is released through the thin slot, across a flat surface. The result is a wide, forceful stream of high velocity, laminar airflow. Air consumption and noise are minimal. Order today at [www.exair.com/05/lvpromo.htm](http://www.exair.com/05/lvpromo.htm).

Do you have a conveying application that you'd like to discuss? Contact an Application Engineer at 1-800-903-9247 or by e-mail at [techhelp@exair.com](mailto:techhelp@exair.com). They'll be glad to help!

## Application Spotlight:

### Stainless Steel Super Air Knives

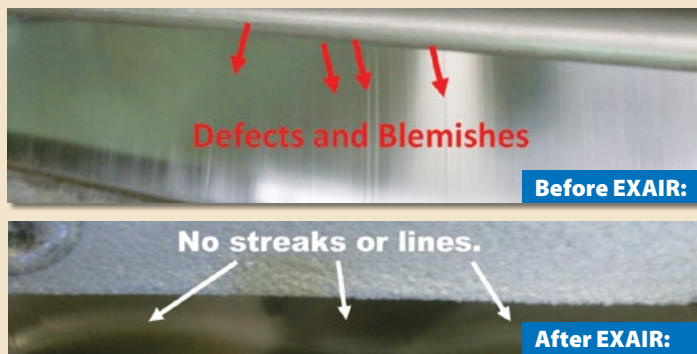


#### Application Goal:

The goal of this application was to improve the product surface finish of a hot extruded plastic film. The film exits the extruder then goes into a pre-form. The surface of the film must be "set" before it gets to the pre-form, so that the product will not jam or get surface blemishes.

#### Before EXAIR:

The customer is running a homemade drilled pipe configuration to help cool and set the surface layer of hot extruded polymer sheet. In the picture below, you can see the streaks that the unevenly applied air from the holes in the pipe is causing to the surface finish.



#### After EXAIR:

The customer was able to remove both sets of the drilled pipe and replace them with **Model 110036SS 36" Stainless Steel Super Air Knives**. The product surface finish went from a wrinkled finish to a smooth laminar sheet like it is supposed to be. The clarity in the product was also improved because there were fewer thickness changes. In the end the customer was able to also increase the process speed due to the improved surface finish. Another positive gain from the switch was that the noise level in the area was decreased dramatically because of the quiet operation of the Super Air Knives.



## New Application Checklist

For decades, EXAIR's products have solved many common industrial problems. Call our Application Engineering Department at (800) 903-9247 or email them at [techhelp@exair.com](mailto:techhelp@exair.com) for help with yours.

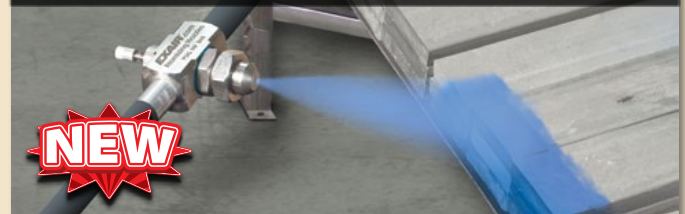


The customer manufactures seamless, metal tubing in various sizes from 1/4" to 1-1/2" diameter. After the tubing is sized through dies, it is washed, rinsed and then labeled using an ink jet printing system. Problem is that the customer's existing blowoff system does not work well enough to remove the water from the tubing prior to labeling. The left-over water caused the printing to smear and created a less than desirable image for the customer. Customer contacted EXAIR and we recommended they use a **Model 2402 2" Super Air Wipe** to blow the tube off all the way around its circumference. This allows for a completely dry surface onto which the printing can be applied. The clean print job also makes for simpler identification of the tubing type since it is now easy to read.



A plastic injection molder makes a certain part that has a "runner" left on it. When the part is pulled from the mold by a robot, it is still hot, and the runner simply stretches instead of pulling off of the part. EXAIR provided a **Model 5315 Cold Gun Aircoolant System** with two cold outlets to provide a blast of cold air, which cools the runner, and enables it to be removed cleanly.

## Liquid Atomizing Nozzles



- » Fully adjustable
- » Maximizes liquid dispersion
- » Minimizes liquid consumption
- » Compact
- » Versatile
- » Interchangeable liquid and air caps
- » Minimizes air consumption
- » Fine atomization

EXAIR's atomizing spray nozzles atomize fluids (most commonly water) in a range of spray patterns for a variety of uses. They combine liquid and compressed air to create a mist of atomized liquid that can be easily adjusted to meet the needs of your application. All models use stainless steel construction for durability and corrosion resistance.

**Call now (800) 903-9247**



To learn more go to:  
[www.exair.com/05/4180.htm](http://www.exair.com/05/4180.htm)