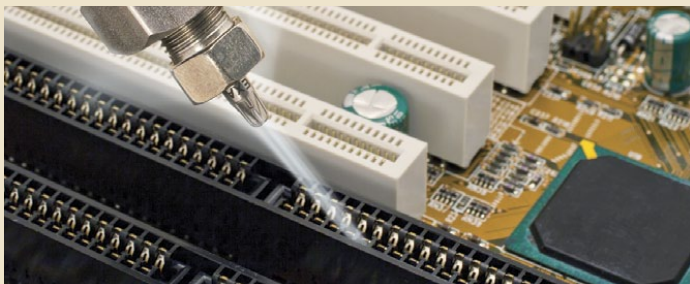


## New Atto Super Air Nozzle For Precise Blowoff



*EXAIR's new Atto Super Air Nozzle delivers the smallest, most precise blowoff with an efficient, high volume, high velocity airflow!*

EXAIR's new Atto Super Air Nozzle™ has been engineered to produce the highest performance attainable from a tiny nozzle. It delivers the smallest, most precise blowoff with an efficient, high volume, high velocity airflow. The overall length of the air nozzle measures only 0.50" (12.7mm) with a diameter of only 0.16" (4mm), permitting installation in tight spaces. The durable Type 316 stainless steel construction is suitable for blowoff, cooling and drying applications that are located in general industrial, high temperature, food, pharmaceutical, clean room or corrosive environments.

The Model 1108SS Atto Super Air Nozzle provides a narrowly focused air pattern. High amplification of airflow and a strong blowing force of 2.0 ounces (56.7 grams) are achieved with minimal air consumption of 2.5 SCFM at 80 PSIG. Safe operation is assured since the airflow of the Atto Super Air Nozzle cannot be blocked, which meets the OSHA standard for dead-end pressure 29 CFR 1910.242(b). Sound level is very low at 58 dBA and meets OSHA noise requirement 29 CFR 1910.95(a). The Atto Super Air Nozzle is also CE compliant.

The Atto Super Air Nozzle is designed to easily replace existing wasteful nozzles or open pipes. The compressed air inlet is male M4 X 0.5. Versions with NPT air inlets and Precision Safety Air Guns with this new nozzle are also available.

## Line Vac 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.



*An automotive manufacturer vacuums chips from drive train differentials with a Model 150200 2" (51mm) Heavy Duty Line Vac.*

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 that mate with ordinary pipe couplers that are available from any home center or hardware store, 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, 2011 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!

### FREE 2" Super Air Nozzle with Line Vac Purchase!

Receive a FREE 2" Super Air Nozzle when you purchase a Line Vac by October 31, 2011.

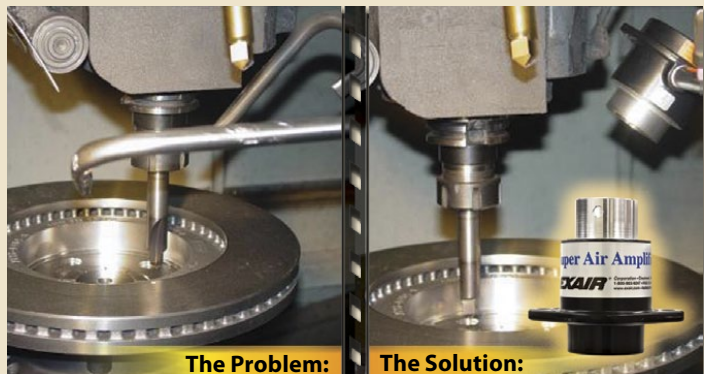
Visit [www.exair.com/05/lvpromo.htm](http://www.exair.com/05/lvpromo.htm) for details.

**NEW**

**\$53 value**

## Application Spotlight:

### 1-1/4" Super Air Amplifier Blows Off Parts and Lowers Sound Level



#### The Problem:

An automotive machine shop that manufactures disc brakes was having problems with chip build-up inside the part. They tried compressed air tubing flattened on their ends with little success. This resulted in high compressed air usage, high sound levels, and danger to their employees.

#### The Solution:

A **Model 120021 1-1/4" Super Air Amplifier** was substituted for the tubing. It provided a larger pattern of air, used less compressed air, the sound level was substantially lower, and it couldn't be dead-ended.

#### Editor's Comment:

Bent tubing or drilled pipe are inexpensive and easy to make. However, the initial cost is overshadowed by its high energy use, holes can be blocked and noise level is excessive – both of which are OSHA violations. EXAIR's Super Air Amplifiers are compact and dependable since there are no parts to wear out. Our patented design moves the most airflow possible while using the smallest amount of compressed air. The lower sound level was another bonus!

#### You'll Find The CE Mark On EXAIR Products

Most people are concerned about the safety of products used in their facility. You might have noticed the CE mark (safety standards set forth by the European Union) on many EXAIR products. We are pleased to announce that a third party laboratory just completed another phase of testing. Most products found in EXAIR's catalog now carry the CE mark!



#### 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.



## New Application Checklist

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



A tank manufacturer heats their shop by burning wood skids and other refuse. The furnace is fire brick lined and developed a heat leak causing a cherry red hot spot on the outside jacket. It would be several weeks before they could get it repaired and they needed a temporary immediate fix. Using a **Model 120024 4" Super Air Amplifier** they were able to keep the hot spot cooled until a more permanent fix could be had.



This customer bakes bread. To extend the shelf life and freshness, they need to evacuate all the air out of the bread bag before they seal it up. They needed to vacuum in a hurry but not with so much vacuum that it crushed the bread. This was a perfect application for the **Model 120020 3/4" Super Air Amplifier**. It provided high air flow with low vacuum.



A thermal spray coating company was using electric vacuums to provide for metal powder recovery during the process. The electric vacuums would run continuously and were not lasting more than 2 weeks under those conditions. EXAIR's **Model 6193 Chip Vac System** and **Model 6804 Filter Bag** provided the continuous duty vacuum the company desired. Since the Chip Vac has no moving parts, the elevated temperatures and dusty environment had no effect upon Chip Vac performance.



» Split design - no threading required

» Compact, installs in minutes

» Quiet! - under 75 dBA!

» Many sizes available

360° airstream that is ideal for blowoff, drying, cleaning, and cooling of pipe, cable, extruded shapes, hose and more. The split design offers easy clamping around the surface of the material moving through it.

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



To learn more go to:  
[www.exair.com/05/425.htm](http://www.exair.com/05/425.htm)