

New Ultra Duty Line Vac

For years, EXAIR has been creating different variations of our air-operated Line Vacs to aid with conveyance needs, big or small. In an effort to continue expanding the line, EXAIR has created its strongest Line Vac yet. EXAIR's new Ultra Duty Line Vacs™ are built to take on the toughest conveying jobs out there. Designed with a hardened alloy and a fortifying ceramic insert, these pneumatic conveyors are made to handle highly abrasive materials day after day without wearing down. The Ultra Duty was created to stand the test of time and is perfect for media such as sand, glass, powders, or other fine materials used in blasting, grinding, or finishing operations.

Using just a small amount of compressed air, the Ultra Duty Line Vac creates a powerful vacuum that delivers over 50% more throughput than our standard model. It's perfect for facilities that need serious performance and long-term reliability. With its efficient design, you'll

get instant response, smooth flow, and the ability to move materials through long vertical or horizontal runs with ease. The ceramic insert adds extra protection, giving you a system that lasts for the long haul in applications like hopper loading, waste removal, sampling, and more.

Available in 1-1/4", 1-1/2", and 2" sizes, these units connect easily to standard hose or tube diameters. Like all EXAIR products, the Ultra Duty Line Vac has no moving parts, needs no electricity, and runs maintenance-free. Optional mounting brackets make setup simple, and air flow can be adjusted with a pressure regulator. Plus, it's CE compliant, meets OSHA dead end pressure requirements, and is ready to ship from stock.

Shop the Ultra Duty by following this link [exair.co/05_udlv](https://www.exair.co/05_udlv)



BETE 75 Years Strong

2025 marks a significant milestone at BETE as they celebrate their 75th anniversary! Since John BETE founded the company in 1950 in Greenfield, MA, they've been dedicated to the research and application of spray technology, providing the industry with quality solutions. Over those 75 years, they've expanded across the globe through a strong distributor network and subsidiaries in Germany and Europe, and have helped solve spraying problems in various industries, including food and beverage, chemical processing, energy, and pollution control.

From those first nozzle designs to today's advanced spray systems, their focus has always been on delivering quality, precision, and confidence in every solution. In 2024, BETE joined forces with EXAIR, and the partnership continues to create new opportunities to serve our customers even better. As BETE marks 75 years, a feat only achieved by only a few companies, EXAIR is proud to be a part of their story and celebrate this milestone.



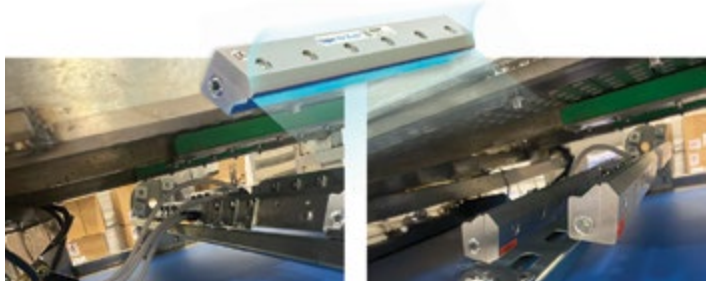
Visit [BETE.com](https://www.bete.com) to learn more about the history of the BETE Spiral Nozzle and join us in congratulating them on their 75 years of excellence.

Model 110012 12" Super Air Knives assist in the removal of product from a gummy mold.

APPLICATION GOAL: A Pharmaceutical gummy manufacturer was having trouble removing their product from a mold designed for easy de-molding. To catch the stuck gummies, they had an employee manually remove the stuck pieces prior to the mold being refilled. The goal was to automatically remove those gummies to save the product and let the employee focus on their true task at hand.



BEFORE EXAIR: The customer placed an employee close to the operation to catch those issues before they refilled the mold. Although often stuck, gummies got through and created a mess when the filling nozzle tried to fill the already full cavity. This created downtime as they cleaned the nozzle and the mold.



AFTER EXAIR: The customer could remove the gummies with a 1.5 second blast of compressed air from two Model 110012 12" Super Air Knives. Each molding line used two knives so they could get the leading edge and back edge! They could verify all the gummies had been removed from the mold, removing the manual operation and allowing the employees in that area to better focus on their true task. Based on a one-month estimate, they saved over \$15,000.00 USD on lost product and labor by installing these two Model 110012 12" Super Air Knives. Since the Customer placed these on two lines, they bought four Model 110012 12" Super Air Knives at a cost of \$382.00 USD each. Their investment for these knives came to \$1,528.00 USD. Giving them a return on investment (ROI) of 881.68%, meaning it took just over three days to pay for the products bought from EXAIR!



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.

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New Application Checklist

EXAIR products solve a variety of problems. Please call our Application Engineers at 1 (800) 903-9247 or e-mail them at techhelp@exair.com for assistance with yours.



Cleaning Grease Tips

When assembling a large piece of equipment, grease is applied to a journal prior to assembling the drive shaft. This is an automated process, and the problem they were having was an accumulation of grease on the tip of the dispenser. When the blob accumulates, it falls off onto the equipment. This contaminates the surface and causes paint failures. Using a **Model 6079 1/2" (13mm) Line Vac**, any accumulated grease was vacuumed from the dispensing nozzle into a trash bucket. This eliminated a manual wipe off that was inconsistent depending on whether or not the operator remembered to do it.

GO TO <https://exair.co/05-lv>



Using Cold Air to Cool Coffee Creamer Closures

A customer is using a 48-cavity mold to manufacture closures for a coffee creamer bottle. The after-mold process includes orienting and closing the closure. Heat still present from the molding process causes the hinge to malfunction, especially if the cavity in the mold is worn. The typical rejection rate is 4%. They found that if they could cool the hinge, the closure hinge works well. They are using a **Model 3230 Vortex Tube** to purge the feeder bowl with cold air, cooling the parts before they are oriented and closed. They are increasing production by 4%.

GO TO <https://exair.co/05-vt>



Blow off of Sawdust from Machined Wooden Strips

A customer manufactures woven wooden baskets for retail sale and home use. The wooden strips are cut on a CNC machine. They need a way to remove the sawdust chips from the large CNC plate. A **Model 1230 Soft Grip Safety Air Gun with Model 1122 2" (51mm) Super Air Nozzle** installed allows the user to manually blow away the sawdust chips quickly and quietly from the entire surface of the plate, and direct them towards the back of the plate on to the floor where they will later be swept up.

GO TO <https://exair.co/05-sag>

EXAIR
Super Air Knife
PROMOTION

To learn more go to:
<https://exair.co/sakpromo05>