

New Soft Grip Super Air Scraper with Scraping Ability Removes Stubborn Debris

EXAIR's new Soft Grip Super Air Scraper™ is a safety air gun designed to help remove the most stubborn debris found within industrial facilities. The patent pending design uses a scraping blade to aid the powerful compressed air flow removal of debris. This product is perfect for removal of caulk, sealant, adhesives, tape, paint, stickers, labels, grease, lubricant and difficult to sweep metal chips, flakes or discs.

The corrosion resistant steel scraper is used in combination with EXAIR's 2" Flat Super Air Nozzle and installed upon the Soft Grip Safety Air Gun to provide power, durability and comfort. The CE compliant Soft Grip Super Air Scraper is available with extensions up to 72" long to aid in cleaning table tops, inside machines, reaching the floor or other remote surfaces. EXAIR's air nozzles meet OSHA standards for dead-end pressure and noise exposure.

All of EXAIR's Safety Air Gun product lines use engineered air nozzles for high performance and safety – designed to maximize safety and minimize air consumption. The Heavy Duty and VariBlast Safety Air Guns provide higher force and variable flow, respectively. All EXAIR Safety Air Guns are available with extension pipes and Chip Shields. Learn more at www.exair.com/05/sgsas.htm.



Founder's Day

Every year on February 22nd, EXAIR celebrates Founder's Day to commemorate the birthday of our founder, Roy Sweeney. Roy and his wife, Jackie, were extremely passionate about improving the world around us and helping those in need. Our current owner, Bryan Peters, honors him by continuing to donate to local charities. This year, EXAIR made significant donations to the following organizations:

- **Dragonfly Foundation** – supporting pediatric cancer patients and their families (www.dragonfly.org)
- **Master Provisions** – supporting those in need with food, clothing and other items in the Greater Cincinnati area and abroad through mission trips (www.masterprovisions.org)
- **Cincinnati Youth Collaborative** – supporting vulnerable children and young adults to overcome obstacles and succeed in education, career and life (www.cycyouth.org)
- **Lighthouse Youth and Family Services** – supporting their Safe and Supported program for LGBTQ youth (www.lys.org)
- **DAV** – supporting disabled American veterans and their families (www.dav.org)
- **Women's Crisis Center** – supporting victims of domestic violence, sexual assault and sexual abuse (www.wccky.org)

Additionally, all of our full-time employees are encouraged to take advantage of volunteer days that are made available by EXAIR's Employee Volunteer Program. Through this program, EXAIR and its employees can have a positive impact on dozens of organizations throughout the year. We're proud to announce that 15 of our employees volunteered their time to help other organizations in 2018!

To celebrate Founder's Day, we had lunch catered from one of Roy's favorite restaurants, Montgomery Inn. We also shared some of our funniest memories of Roy, like the time a new employee met him in the lobby and asked Roy if he needed help. As always, we continue to remember what he did for all of us here at EXAIR, as well as countless others.

Happy Founder's Day and Happy Birthday, Roy!

Application Spotlight:

1" Flat Super Air Nozzle Replaces a Coolant Tip

Application Goal:



To lower compressed air consumption and noise levels in a greeting card manufacturing process.

The Problem:

A greeting card manufacturer used 40 liquid coolant plastic tips with compressed air to assist in diverting greeting cards to an auxiliary straight conveyor. Without an air assist the greeting cards would bounce and move outside their intended path. The customer first installed a coolant tip, which is not designed for compressed air, to flow air across the cards. The coolant tip used 7.1 SCFM at 10 PSIG inlet pressure and produced a noise level of 65 dBA from 3 feet away.

The Solution:



The manufacturer installed a **Model 1126 1" Flat Super Air Nozzle** with a 0.005" thick shim. This nozzle reduced the air consumption to 0.9 SCFM at 10 PSIG of inlet pressure. The noise level decreased to 42 dBA from 3 feet away. The customer replaced 40 coolant tips for a total compressed air savings of 248 SCFM.

Summary:

The manufacturer saved 6.2 SCFM for every coolant tip they replaced. The customer replaced 40 coolant tips with engineered nozzles in their facility. In total, the engineered nozzles saved 248 SCFM of compressed air, and lowered the noise level of each nozzle by 23 dBA. **Installing 40 EXAIR Model 1126 1" Flat Super Air Nozzles eliminated the need for the generation of this compressed air; saving the company \$22,320 per year. (Savings based on 250 days per year, 24 hours per day.)**




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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.

-  A machine shop machines precious metals. The shavings are a valuable byproduct of the process and need to be collected. Before, they manually swept up the machine and collected the shavings. The problem with this method is that other contaminants and metals were introduced which in turn devalued the scrap metal value. Installing a **Model 6193 Chip Vac System** at the point of cut, they were able to capture the shavings in the chip vac drum, eliminating any contamination. The increased scrap value savings paid for the Chip Vac in less than a month.
-  An automobile scrap yard must have an emergency liquid recovery system in place; as mandated by the Department of Environmental Conservation in New York. They use the EXAIR **Model 6196 Reversible Drum Vac** as the system to provide this service. The Drum Vac is a safe, maintenance free way to recover coolant, hydraulic oils, liquid spills, sludge and chips, tramp oil, waste water and more.
-  In the process of making electrical connectors, small shavings and pieces of precious metals accumulate around the machines in this machine shop. Typically, these were swept up and discarded until they implemented a **Model 6299 Deluxe Heavy Duty HEPA Vac** to clean up the work area. This was faster than sweeping, and they were able to reclaim the precious metals. The HEPA Vac is a rugged HEPA quality vacuum – high capacity cleaning for dusty environments!



Reliable vacuums for chip removal, liquid, transfer and cleaning. EXAIR compressed air powered **Reversible Drum Vac**, **High Lift Reversible Drum Vac**, **Chip Trapper**, **High Lift Chip Trapper**, **Chip Vac**, **Heavy Duty HEPA Vac**, or **Heavy Duty Dry Vac**. These vacuums are specially designed to suit your industrial vacuum needs.



To learn more go to:
www.exair.com/05/ihp.htm