



Nu-Ice Blasting? Announces In-Place Dry Ice Cleaning Solutions for Industrial Conveyor Systems

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Nu-Ice Blasting?, a U.S.-based, veteran-owned manufacturer of high-performance dry ice blasting equipment, has highlighted the industrial application of its technology for the specialized maintenance of logistics and production systems. Dry ice blasting is a non-abrasive industrial cleaning method that utilizes solid carbon dioxide (CO₂) to remove contaminants without surface damage. This announcement focuses on the efficacy of dry ice cleaning conveyor belts in complex environments, addressing the market's need for efficient, waterless cleaning solutions that maintain equipment integrity during routine maintenance cycles.

The technical framework of these dry ice blasting systems relies on the acceleration of solid CO₂ pellets through high-velocity compressed air. These systems are manually operated by trained technicians, requiring human oversight to manage the cleaning path and intensity. The technology is primarily utilized by industrial facilities, maintenance teams, and restoration professionals. It is important to note that these systems do not feature automation or real-time optimization; the effectiveness of the process remains entirely dependent on operator-controlled execution and manual adjustment during the cleaning procedure.

Nu-Ice Blasting? equipment is engineered with adjustable blast pressure settings and controlled pellet feed

systems to ensure technical precision. The systems include specialized hoses and nozzles designed to deliver a consistent stream of CO2 media to the target surface. These features allow for repeatability in cleaning results, particularly when addressing sensitive components that require controlled surface contact. The equipment focus remains on providing a reliable mechanical tool for manual debris removal, prioritizing engineering durability and technical accuracy in a variety of industrial settings.

The integration of dry ice blasting into industrial workflows facilitates in-place cleaning processes, which significantly reduces the requirement for extensive equipment disassembly. This operational shift allows for more structured maintenance intervals, as the equipment can be cleaned while still on the production line. Within the context of food processing dry ice blasting, this method provides a dry alternative to traditional aqueous cleaning, supporting sanitation schedules without the introduction of moisture. This approach focuses on optimizing the maintenance sequence within existing facility frameworks.

This technology is currently applied across various industrial sectors, including manufacturing plants, automotive assembly, and aerospace component maintenance. It is also frequently utilized in food and beverage facilities, electrical system cleaning, and fire or smoke restoration projects. In these applications, the dry ice media sublimates upon impact, leaving no secondary waste. These use cases are presented as established applications for the technology, where the manual removal of oils, greases, and residues is required for continued operational functionality.

Operationally, the equipment manufactured by Nu-Ice Blasting? has specific limitations regarding its autonomy. The units do not possess autonomous operation capabilities, nor do they feature software for real-time decision-making or the independent execution of maintenance actions. Furthermore, the systems do not provide facility management functions or remote monitoring. All cleaning actions must be initiated and guided by a manual operator, ensuring that the tool remains under direct human control at all times during use.

Based in the United States, Nu-Ice Blasting? maintains a manufacturing infrastructure that supports internal engineering and production of all equipment lines. As a veteran-owned company, the organization focuses on domestic production standards and quality control. The technical staff manages the development of clean in place dry ice food grade compatible equipment, ensuring that the hardware meets the mechanical requirements of rigorous industrial environments. This internal capability allows for consistent oversight of the manufacturing lifecycle from design to final assembly.

Nu-Ice Blasting? continues its focus on the development and refinement of industrial dry ice blasting equipment to meet evolving maintenance requirements. The company remains dedicated to ongoing

engineering improvements that support expanded applications across diverse industrial sectors. By focusing on the technical capabilities of manual CO2 blasting systems, the organization provides tools designed for the complex cleaning needs of modern infrastructure. Future developments will continue to prioritize equipment durability and the refinement of manual cleaning precision in industrial settings.

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For more information about Nu-Ice Dry Ice Blasting, contact the company here: Nu-Ice Dry Ice Blasting Brent Cooper 517.990.0665 sales@nuiceblasting.com 3255 Hart Road Jackson, Michigan USA 49201

Nu-Ice Dry Ice Blasting

Nu-Ice Age, Inc. is a veteran owned company based in Jackson, Michigan founded in 2007. After extensive research, design and testing we have developed a line of high-performance dry ice blasting machines for an environmentally friendly cleaning solution.

Website: <https://www.nuiceblasting.com/>

Email: sales@nuiceblasting.com

Phone: 517.990.0665



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