



## **Carbon Buildup Removal and Industrial Cleaning Applications Drive Interest in Dry Ice Blasting Equipment**

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Nu-Ice Dry Ice Blasting? has highlighted the growing use of dry ice blasting equipment for carbon buildup removal across a range of industrial environments, including manufacturing systems, production equipment, industrial ovens, turbines, and other critical machinery. As facilities continue to seek cleaning methods that reduce maintenance-related downtime, the company noted increased interest in dry ice blasting as a non-abrasive industrial cleaning process that uses dry ice pellets accelerated through compressed air to remove contaminants from surfaces. The development reflects broader industry attention toward industrial cleaning applications that can be performed without introducing moisture, chemicals, or additional cleaning media.

The announcement draws attention to the underlying technology used in dry ice blasting systems for carbon buildup removal across industrial environments. According to information published by Nu-Ice Dry Ice Blasting?, the process utilizes compressed air to accelerate solid carbon dioxide (CO?) pellets through a blasting system and toward a targeted surface. Upon impact, contaminants are dislodged while the dry ice sublimates directly from a solid into a gas, leaving no liquid residue behind. The equipment is designed for

manual operation and is intended to be used by trained personnel, including industrial facilities, maintenance teams, and restoration professionals. The systems do not incorporate autonomous operation, automated decision-making, or real-time optimization capabilities. Cleaning activities remain operator-controlled, with users adjusting equipment settings and directing the blasting process according to site-specific maintenance requirements.

As part of its dry ice blasting equipment portfolio, Nu-Ice Dry Ice Blasting? manufactures the Commando® series of dry ice blasting machines, which are designed to support a range of industrial cleaning tasks. Published specifications indicate that the equipment incorporates adjustable blast pressure controls, allowing operators to modify air delivery based on cleaning requirements and surface conditions. The systems also utilize controlled pellet feed mechanisms that regulate the introduction of dry ice media into the airflow stream. In addition, engineered hose assemblies and nozzle configurations are designed to support the delivery of dry ice pellets to targeted cleaning areas. These components work together to facilitate controlled surface cleaning processes across industrial machinery, production systems, and manufacturing equipment. The equipment is intended to provide repeatable operating parameters while allowing trained operators to adjust settings according to the requirements of a particular maintenance application.

The use of dry ice blasting technology continues to be discussed within industrial maintenance sectors as organizations evaluate methods for integrating cleaning activities into existing operational workflows. According to information provided by Nu-Ice Dry Ice Blasting?, dry ice blasting equipment is commonly used in applications where cleaning can be performed while equipment remains installed, reducing the need to remove components solely for maintenance purposes. The process is also utilized in situations where facilities seek to address carbon buildup removal within ovens, production machinery, manufacturing systems, electrical equipment, and other industrial assets. Within structured maintenance programs, the equipment may be incorporated into planned cleaning schedules alongside inspection and servicing activities. Industry discussions frequently reference the ability to perform cleaning procedures in place, allowing maintenance personnel to access targeted areas without relying exclusively on extensive equipment disassembly as part of routine operational practices.

The use of dry ice blasting equipment for carbon buildup removal is documented across a variety of industrial sectors and maintenance environments. According to information published by Nu-Ice Dry Ice Blasting?, the technology is utilized for cleaning manufacturing equipment, production machinery, molds, conveyors, and related industrial assets. The process is also applied within food and beverage facilities where cleaning activities are conducted on production equipment and processing systems. Additional applications include automotive manufacturing environments, aerospace component maintenance, electrical equipment cleaning, and restoration projects involving fire and smoke damage. Published industry examples also reference the use of dry ice blasting systems for printing equipment, packaging machinery, and power generation assets. Across these sectors, the equipment is deployed as a cleaning method designed to remove contaminants

from surfaces while supporting maintenance and restoration activities performed by trained operators.

While dry ice blasting equipment is increasingly incorporated into industrial maintenance programs, the technology operates within clearly defined functional parameters. The systems manufactured by Nu-Ice Dry Ice Blasting? are manually operated cleaning machines that require direct user control throughout the cleaning process. Equipment settings, blasting pressure, pellet feed rates, nozzle positioning, and cleaning procedures are managed by trained personnel rather than by automated software systems. The equipment does not perform autonomous operation, real-time decision-making, or independent execution of maintenance activities. Likewise, the systems do not function as facility monitoring platforms, predictive maintenance tools, or plant management systems. Their role is limited to the delivery of dry ice blasting media for surface cleaning applications. Maintenance planning, inspection activities, operational decisions, and equipment management responsibilities remain under the control of facility operators and maintenance teams.

Nu-Ice Dry Ice Blasting? operates as a veteran-owned company with manufacturing operations based in Jackson, Michigan. According to information published by the company, its Commando® dry ice blasting machines are designed and manufactured in the United States through internal engineering and production processes. Company materials indicate that product development, equipment design, fabrication, assembly, and related manufacturing activities are conducted as part of its operational infrastructure. This manufacturing framework supports the production of dry ice blasting systems intended for a range of industrial cleaning applications across multiple sectors. In addition to equipment manufacturing, the company maintains capabilities associated with engineering development and product refinement within its dry ice blasting portfolio. These activities form part of the company?s ongoing involvement in the design and production of cryogenic cleaning equipment for industrial maintenance and cleaning environments.

The company?s latest focus on removing carbon buildup with dry ice blasting equipment reflects continuing industry interest in dry ice-based cleaning technologies for industrial maintenance applications. As manufacturing facilities, maintenance teams, and restoration professionals evaluate cleaning methods for machinery and production systems, dry ice blasting remains part of ongoing discussions surrounding non-abrasive surface cleaning processes. Nu-Ice Dry Ice Blasting? continues to manufacture and develop dry ice blasting equipment through its U.S.-based operations while maintaining an emphasis on engineering and equipment design. Company information indicates that development efforts remain centered on the refinement of dry ice blasting systems and related operational components. As industrial requirements continue to evolve across manufacturing, restoration, food processing, energy, and other sectors, the company?s equipment portfolio remains aligned with the continued use and application of dry ice blasting technologies within established maintenance workflows.

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## **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.*

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