



Nu-Ice Dry Ice Blasting Highlights Commando 55 Applications for Manufacturing Equipment Cleaning

July 24, 2026

JACKSON, MI - July 24, 2026 -

Nu-Ice Dry Ice Blasting® has highlighted the growing role of the Commando 55 applications portfolio as manufacturing facilities continue to evaluate more efficient methods for production equipment cleaning during scheduled maintenance shutdowns. The U.S.-based, veteran-owned manufacturer develops dry ice blasting equipment designed for industrial cleaning across multiple sectors. Dry ice blasting is a non-abrasive cleaning process that uses compressed air to propel solid carbon dioxide (CO₂) pellets at contaminated surfaces, helping remove production residue without introducing secondary blasting media. As manufacturers seek to improve maintenance workflows while minimizing production interruptions, manufacturing equipment cleaning using industrial dry ice blasting continues to attract attention across production lines and packaging operations.

Dry ice blasting systems direct solid carbon dioxide pellets through a pressurized air stream toward contaminated surfaces. On impact, the pellets sublime from solid CO₂ into gas, while thermal and kinetic forces help loosen production residue, grease, oils, and other deposits. Nu-Ice's operating materials describe the Commando 55 as a pneumatic and electric machine controlled through a blasting gun, pressure settings, and pellet-feed adjustments. The equipment is manually operated by trained users rather than

configured as an automated cleaning platform. Intended users include personnel at industrial facilities, plant maintenance teams, commercial cleaning contractors, and restoration professionals. Nu-Ice does not identify the system as providing automation or real-time process optimization; blasting pressure, pellet flow, nozzle position, and cleaning passes remain under operator control throughout the industrial dry ice blasting process.

The Commando 55 combines adjustable blasting pressure with an operator-regulated pellet feed rate, allowing settings to be changed during operation according to the surface and material being removed. Nu-Ice lists a blasting-pressure range of 60 to 250 psi and dry ice consumption of up to 425 pounds per hour. Its BlitzFeed® freezeless delivery system is designed to maintain pellet movement from the 55-pound hopper, while the control panel provides access to pressure, ice-flow, and emergency functions. The standard package includes a 25-foot blasting hose, a 50-foot heavy-duty air-supply hose, a pistol-grip blasting gun, and round and fan nozzles. Together, these components support controlled and repeatable cleaning passes, with nozzle selection, operating pressure, pellet flow, distance from the surface, and gun movement determined by the operator when cleaning production equipment.

Within production lines and packaging operations, the Commando 55 can be incorporated into planned cleaning periods, preventive maintenance programs, and scheduled shutdown procedures. Nu-Ice identifies dry ice blasting as a clean-in-place method that can be used on machinery without water, harsh chemicals, or secondary blasting media. Its applications information notes that equipment such as labelers, sealers, conveyors, molds, and other production assets may be cleaned while remaining assembled and in position, including access to hard-to-reach areas. For maintenance teams, this places manufacturing equipment cleaning within a structured, operator-led workflow involving work-area preparation, air-supply connection, nozzle selection, pressure and pellet-flow adjustment, and controlled cleaning passes. The process may reduce the need for equipment disassembly, but it does not replace the facility's established isolation, lockout, inspection, safety, or restart procedures.

Nu-Ice identifies the Commando® line, including the Commando 55, as suitable for a broad range of industrial cleaning applications where dry ice blasting is incorporated into established maintenance procedures. Published applications include manufacturing equipment, production machinery, molds, tooling, packaging equipment, and ventilation systems. The technology is also applied within food and beverage processing facilities, automotive manufacturing, aerospace maintenance, electronics and electrical systems, pharmaceutical environments, and plastics production. Outside manufacturing, the company lists restoration uses such as fire and smoke restoration, historical restoration, mold remediation, and graffiti removal. Additional applications include commercial printing presses, power generation equipment, ships, aircraft, restaurants, and asphalt operations. These examples describe operational environments where dry ice blasting equipment is used by trained personnel as part of planned industrial or restoration cleaning activities rather than as an automated maintenance system.

Nu-Ice describes the Commando 55 as operator-controlled industrial equipment intended for manual dry ice blasting applications. The system requires a trained user to prepare the work area, connect the compressed air supply, load dry ice pellets, select the appropriate nozzle, adjust blasting pressure and pellet feed, and direct the blasting gun throughout the cleaning process. The equipment does not perform autonomous operation, make real-time decisions, or independently execute maintenance activities. It also does not monitor machinery, collect operational data, manage production assets, or provide facility management functions. Cleaning procedures remain dependent on technician judgement, established workplace safety practices, and facility maintenance protocols. As a result, the Commando 55 functions as a mechanical cleaning tool operated directly by personnel rather than as an automated or self-managing industrial maintenance platform.

Nu-Ice Dry Ice Blasting? operates as a U.S.-based, veteran-owned manufacturer with headquarters in Jackson, Michigan, where it designs and manufactures its Commando® line of dry ice blasting equipment and related accessories. According to the company, its equipment is developed through internal research, design, testing, engineering, and production activities, with all machines proudly manufactured in the United States. This domestic manufacturing structure provides oversight of equipment development from engineering through assembly while supporting the company's industrial product portfolio. Within this framework, Nu-Ice continues producing systems used for industrial dry ice blasting across manufacturing, maintenance, and restoration sectors. The company's published information emphasizes American manufacturing, veteran ownership, and internally managed engineering and production capabilities as defining characteristics of its operational infrastructure.

Nu-Ice Dry Ice Blasting? continues to center its equipment development on manually operated dry ice blasting systems for manufacturing, maintenance, restoration, and other industrial settings. The Commando 55 remains part of the company's broader Commando® equipment line, which is designed around compressed-air delivery, adjustable operating controls, and the company's pellet-feed technology. Based on Nu-Ice's published company information, its ongoing work includes research, design, testing, engineering, and U.S.-based production of dry ice blasting machines and accessories. Continued engineering refinement is expected to remain focused on equipment configuration, component design, pellet delivery, and operator-controlled cleaning functions. As dry ice blasting is applied across production equipment, packaging lines, food processing, automotive, aerospace, electronics, and restoration work, the company's development activities remain connected to an expanding range of established industrial cleaning applications.

###

For more information about Nu-Ice Dry Ice Blasting, contact the company here:[Nu-Ice Dry Ice Blasting](#)Brent

Cooper517.990.0665sales@nuiceblasting.com3255 Hart RoadJackson, 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

