



COMMANDO
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DRY ICE BLASTERS®

COLD HARD FACTS



CONTRACT CLEANING INDUSTRY
DRY ICE BLASTING

ARTICLE

WHY DRY ICE BLASTING?

In the contract cleaning industry, maintaining a safe and hygienic environment is reliant upon the cleaning equipment that is used. Traditional cleaning methods use solvents and harmful chemicals that can be not only expensive, but time-consuming and hurtful to human health as well as the environment. However, dry ice blasting has emerged as a highly effective, money saving, and environmentally safe cleaning method. With compressed air and pellets made from recycled CO₂, this cleaning method is versatile, non-toxic, and can easily remove dirt, grime, or other contaminants, without harming the underlying surface.

Dry ice blasting uses compressed air to shoot small dry ice pellets at high speeds onto the surface to be cleaned. The sublimation of the pellets creates small explosions that lift the dirt and grime from the surface. Traditional methods, such as sandblasting, can be too abrasive and harm the surface it is attempting to clean. This method also requires the use of abrasive materials which can leave a residue and, like power washing or soda blasting, a mess from the media used putting a hinderance on your efficiency of the cleaning time.



BENEFITS OF DRY ICE BLASTING IN THE CONTRACT CLEANING INDUSTRY

Chemicals are what make up our lives daily. Volatile Organic Compounds or VOCs are chemicals that vaporize at room temperature. VOCs, amongst other chemicals, are released when using traditional household cleaning items. These chemicals can irritate the eyes or throat, as well as cause headaches for those who inhale these chemicals.



- **Safe for all Life**

Many of the traditional cleaning products and methods use chemicals that are harmful for humans to consume and that puts a toll on the world that surrounds us. Dry ice blasting utilizes compressed air and recycled carbon dioxide to make pellets, making this a much safer option. The pellets sublime (change from a solid to gas) on impact which is released into the atmosphere, leaving behind no harmful residue, making this a much safer cleaning solution for both the workers and the environment around them.



- **Versatile Cleaning**

Because the dry ice blasting cleaning process uses small explosions from recycled carbon dioxide pellets, it can clean a wide variety of surfaces and equipment. Anything from ceilings, floors, walls, or machinery, dry ice blasting is the safest and most efficient option to ensure an effective cleaning. This process, unlike the traditional methods, is non-abrasive meaning that no underlying surfaces will be damaged.



- **Cost-effective**

The traditional cleaning methods often resort to using abrasive materials or harmful chemicals that tend to be expensive. In contract cleaning time is very important. Dry ice blasting allows you to deeply clean multiple surfaces at one site. Because this cleaning process can be completed so quickly, it can lead to reducing labor costs and downtime. Dry ice is a non-abrasive cleaning method meaning that the longevity of the equipment will last longer by reducing the wear and tear on surfaces, allowing companies to save money by not replacing equipment and reducing maintenance costs over time.

Dry ice blasting is the responsible, efficient and effective way to clean.

WHY NU-ICE?

With 10+ years of experience, which extends to our assembly facility as well, Nu-Ice provides dry ice blasting for unrivaled cleaning power without harmful chemicals. After extensive research, design and testing, we developed a line of high-performance dry ice blasting machines for an environmentally friendly cleaning solution.

The Commando® line of dry ice blasters is ideal for various applications, and dry ice is the preferred cleaning method for food processing equipment, chemical machinery, printing instruments, welding cells, fire restoration, historical restoration, power generation equipment and more. Using only standard dry ice pellets, Commando® dry ice blasting machines easily remove production residue, grease, oils, tar, mold and other materials.

As a family and veteran-owned company based in Jackson, Michigan, we're proud to say all of our dry ice blasting machines and accessories are proudly **Made in the USA.**



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