



COMMANDO₂

DRY ICE BLASTERS

COLD HARD FACTS



ASPHALT & CONCRETE EQUIPMENT
DRY ICE BLASTING

ARTICLE

WHY DRY ICE BLASTING?

Dry ice blasting has revolutionized how industries clean and approach their regular maintenance. Unlike traditional methods that rely on harsh solvents and chemicals, dry ice blasting introduces dry ice pellets into a pressurized air stream which propels them at high velocity to remove contaminants from a wide range of surfaces. This non-toxic, highly effective, eco-friendly method is changing how companies think of their cleaning and maintenance processes.

Through the utilization of small pellets of dry ice being fired at high speeds, a numerous variety of surfaces can be cleaned without damage to the surface. The pellets are formed by the cooling and pressurization of liquid carbon dioxide, causing it to solidify. Upon impact with the respective surface the pellets then sublime, passing directly from solid to gaseous state, rapidly and create micro explosions that lift contaminants such as dirt, grease, or grime.

Other traditional cleaning methods such as sand blasting can be too abrasive on the surface, leaving scratches, pockmarks, and potentially damaging it. Dry ice blasting takes an extremely precise and more gentle approach to the cleaning process.



BENEFITS OF DRY ICE BLASTING IN THE ASPHALT & CONCRETE INDUSTRY

In the asphalt and concrete equipment industry, the regular cleaning and maintenance of equipment is essential to ensure longevity and optimal performance. Traditional cleaning methods use harsh solvents and chemicals that tend to be environmentally hazardous, expensive, and time-consuming. Dry ice blasting has emerged as an eco-friendly, highly effective, and cost-efficient cleaning solution in the asphalt and concrete industry.



- **Effective Cleaning**

Dry ice blasting uses compressed air to propel solidified carbon dioxide pellets towards an unclean surface. Upon impact with the surface, the pellets will then explode lifting the dirt and grime off the machines, this leaves no residue and because the liquid carbon dioxide was pressurized and made solid, there is no waiting for your machine's surfaces to dry. This process allows machines to be maintained without any underlying damage, in a timely manner thus enabling an increase in productivity.



- **Non-toxic and Eco-Friendly**

Many alternatives to dry ice blasting rely on chemicals and solvents that can be harmful to the environment. The dry ice pellets that are used have been created from recycled carbon dioxide and then upon impact evaporate into the atmosphere without leaving residue. This makes dry ice blasting a much safer and sustainable cleaning solution for both workers and the environment.



- **Cost-effective**

Asphalt and concrete is a very labor-intensive industry, with dry ice blasting you can reduce labor costs and downtime. Because this process does not require any expensive chemicals or solvents, this makes the purchasing of equipment easily accessible with frugal upkeep on cleaning materials used. Dry ice blasting is a non-abrasive process, meaning that the lifespan of equipment will be longer than the other alternatives by reducing wear and tear on surfaces. This will ultimately save companies money on maintenance and replacement costs over extended periods of 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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