

Dry Ice Grit blasting

Why dry ice grit blasting?

Dry ice blasting is basically a non-abrasive cleaning method and therefore reaches its technical limits where aggressive, abrasive blasting or paint stripping is required. CRYONOMIC® dry ice grit blasting technology now allows what was previously only possible with grit blasting equipment. New applications include for example:

- Rust removal
- Paint stripping and surface preparation
- Abrasive blasting with dry ice cooling (prevention of thermal deformations) in preparation for galvanizing, re-painting or powder coating
- New cleaning combinations in different areas (façade cleaning, bridge restoration, monument restoration, vehicle paint stripping, boat restoration, etc.)

For professionals

Dry ice grit blasting is particularly suitable for:

- Sand blasting and dry ice blasting specialists
- Facade cleaners and monument renovators
- Bodyshop's
- Surface treatment technicians
- Industrial painting contractors and building renovators
- Cleaning services



Paint stripping old-timer: Left, only with dry ice - Right, a combination of dry ice and an abrasive agent



CRYONOMIC®, your partner in productivity!

- Europe's No. 1 manufacturer of dry ice blasting equipment (production since 1992)
- Economic and ergonomic high-performance CRYONOMIC configurations
- Maximum efficiency with minimum dry ice consumption is the main goal of our company and are standard properties of the CRYONOMIC dry ice blasters
- Completely customized and innovative solutions for dry ice blasting, adapted to your needs
- Always a qualified and competent partner in your area



The Cool Way
Of Cleaning

CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

What do you need for dry ice grit blasting?

- A **Cryonomic dry ice blasting machine type COB 62 +, COB 71 or COMBI 7**
- The **abrasive module** with vibration technique and exact dosing feature, supplied with abrasive hose and special abrasion resistant nozzle
- **Dried and filtered compressed air:** abrasive blasting is possible from 2 to 7 bar (compressed air consumption of up to 4m³ / min at 7 bar blast pressure)
- **3mm dry ice pellets**
- **Abrasive agent** suitable for the application (CRYONOMIC recommends environmentally friendly abrasives). Your abrasive material supplier will advise you the right abrasive agent for each application



What are the practical and economic benefits?

The CRYONOMIC dry ice grit blasting system combines the advantages of grit blasting with the high cleaning efficiency of dry ice blasting. This results in:

- **A stunning and drastic reduction of the necessary abrasive material** in comparison to conventional abrasive blasting: the abrasive consumption can be reduced in some applications by as much as 90% depending on the application and used abrasive material
- Substantially less secondary waste to be disposed of: less abrasive residue, less abrasive dust, **reducing the cost of the abrasive as well as the costs for waste disposal and treatment**
- **The dry ice** sublimates and **disappears completely**
- **Easier and faster cleaning** of the work area **after blasting**
- Highly ecological abrasive blasting **with maximum environmental consideration**

CRYONOMIC®, technologically advanced by innovative blasting techniques!



Facade cleaning - graffiti removal



Paint removal



Facade cleaning



Paint removal



Dedusting and paint removal



Dry ice grit blasting inside a steel pipe

CRYONOMIC® has a worldwide network.
Contact your dealer for any information:

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CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

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