

# Dry Ice Gritblasting

## Why dry ice gritblasting?

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 gritblasting 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 gritblasting is particularly suitable for:

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



Paint stripping oldtimer: 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 gritblasting?

- 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 4m<sup>3</sup> / 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 gritblasting system combines the advantages of gritblasting 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**

Put us to the test!

CRYONOMIC®, technologically advanced by innovative blasting techniques!



Facade cleaning - graffiti removal



Paint removal



Facade cleaning



Paint removal



Derusting and paint removal



Dry ice gritblasting inside a steel pipe

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

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**CRYONOMIC®**  
DRY ICE CLEANING SOLUTIONS

CRYONOMIC  
Kleimoer 3 - B-9030 Gent - Belgium  
Tel: +32 9 216 76 90 - Fax: +32 9 216 76 91  
info@cryonomic.com  
www.cryonomic.com

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