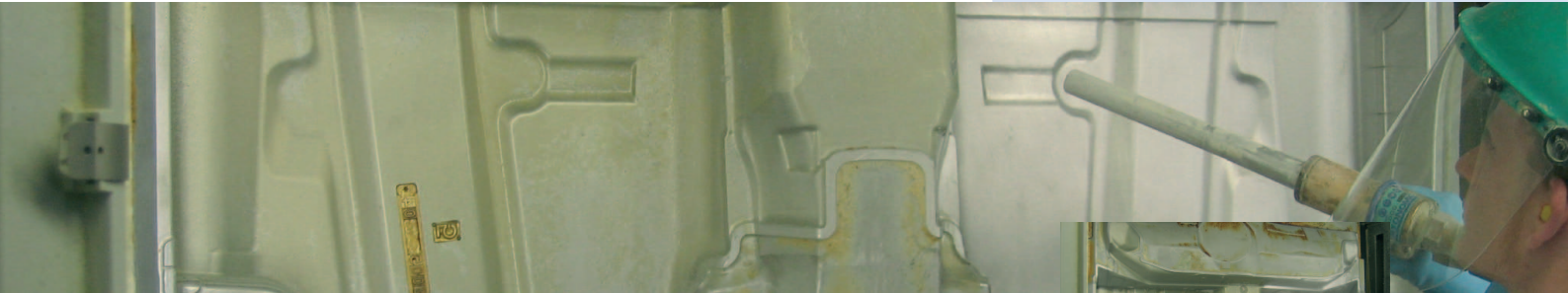


Plastic Industry Dry ice cleaning



Why dry ice cleaning?

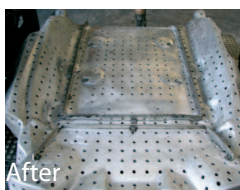
Thanks to dry ice blasting...

You benefit from savings related to:

- a considerable reduction of cleaning time of:
 - Polyurethane moulds
 - Moulds and extrusion screws
 - Thermoforming moulds
 - Preform moulds
 - Blow moulds
 - Conveyors, electric motors, tools,...
- reducing radically the time of removing residues and release agents.

Technical arguments:

- A method significantly faster and more efficient compared to any other cleaning system.
- Non-abrasive cleaning: absolutely no wear to cleaned surfaces increasing the life of moulds, machinery and production equipment.
- Guarantee of a high quality finish to your manufactured products.
- Ecological & economic: dry ice leaves no trace and does not create any additional waste to be processed.
- Significant increase in productivity due to reduced production stops resulting from cleaning without disassembly/reassembly or cooling down.



CRYONOMIC®, partner for increasing productivity!

- European Manufacturer No. 1 of dry ice cleaning equipment (production since 1992).
- 'Ergonomic High Performance' machine configurations.
- Maximum efficiency and minimum dry ice usage, characteristics of all CRYONOMIC® technology and main objectives of our company.
- CRYONOMIC® Total Satisfaction Guarantee.
- Dry ice cleaning solutions tailored to your specific needs.
- Competent authorised CRYONOMIC® dealers close to you.

Put us to the test!



The Cool Way
Of Cleaning

CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

“Reduction of cleaning time by 80%, impressive savings”

Source: interview with Mr. B., General Manager of R. Ltd, 6th June 2008.

“Our injection machines are running 24/7 but some of the moulds must be cleaned every 48 hours in order to guarantee impeccable quality.

In the past we have employed different methods including ultrasonic cleaning, grit blasting, solvents and cleaning with wire brushes. Moulds and machinery needed to cool for anything up to 4 hours before being dismantled and removed from the manufacturing area. After cleaning, everything had to be reassembled. A full team could be cleaning for 8 to 12 hours on one single mould. This was incredibly inefficient and very expensive both in terms of downtime and loss of productivity. We definitely needed a different method.

After studying a number of alternative techniques we tested the CRYONOMIC® cleaning system developed by Artimpex. Now, one single person cleans our 10 main moulds whilst they are still hot and on the presses enabling more regular cleaning and eliminating extended downtime. The consequences in terms of productivity and savings are so impressive with no cost or inconvenience of secondary waste treatment and no further use of harmful chemicals, the investment itself was recovered in less than a month.

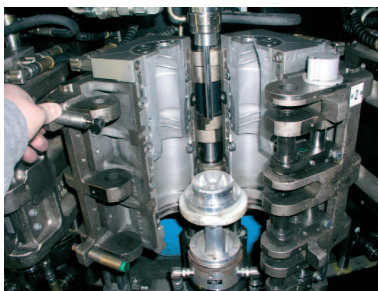
Cryonomic® cleaning is by far the most effective and most profitable cleaning method. The machines are reliable and economical, factors that are as important as their cleaning efficiency. Within the group structure our factory was a pioneer in dry ice cleaning and our positive experience led to the widespread introduction of it in all our plants.”

Contact us for more information or a demonstration on site

Cleaning conveyors (latex)



Cleaning preform mould (PET)



Cleaning moulds (polyurethane)



Deflashing



Extrusion screws before



Extrusion screws after



Some references:



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

Printed in Belgium – VML-PL-EN-0609

CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

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