

# Rubber 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:
  - Moulds
  - Presses
  - Injectors
  - Mixers and machinery
  - Production equipment
  - Production lines
- a drastic decrease in the time of removing residue and mould release agents
- increase of the lifetime of the moulds

### 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 the 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



# “CRYONOMIC® dry ice cleaning reduces mould cleaning time by more than 90%!”

Testimonial by Mr. C., director of the company V., a manufacturer of rubberised parts with customers in both SMEs and multinational companies (March 5<sup>th</sup> 2007).

“Prior to introducing the CRYONOMIC® dry ice cleaning system, the cleaning of moulds had to be carried out on a 5-day a week cycle using blasting with abrasives. This was not only very labour intensive but also left secondary waste, which had to be brushed up and removed. In addition the abrasiveness of the blasting eroded our moulds, necessitating them to be frequently replaced. We had already tried solvents, sprays, brushes, etc. .. and thought there was no better method possible than ours. I too thought this way, a point of view I changed after reading an article on dry ice cleaning in rubber tyre production. I decided to give it a try in our production; After testing and economically evaluating I quickly realised that the introduction of dry ice cleaning would save a lot of money. Moulds remain 100% intact and the quality of our finished products has clearly improved. Our choice was clearly CRYONOMIC®: reliable, efficient, highly economical, ergonomic and easy to use by any of our operators.”

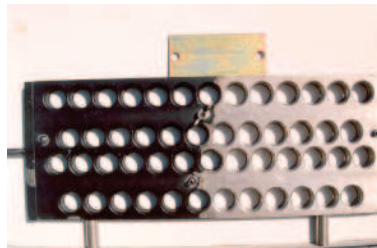


“The results exceeded all expectations; we have dramatically reduced the cleaning time on each of our moulds from eight hours to just 30 minutes, more than 90%. Dedicated cleaning cycles are no longer required as preventative maintenance schedules can be adopted which allow for equipment cleaning during production periods. We are able to clean the moulds on line whilst they are still at 300°C, thereby saving the company around 7 hours in downtime.”

Mould cleaning on hot moulds



Mould cleaning



Mould cleaning



Rubber removal



Automatic mould cleaning



Tyre mould cleaning



## Some references



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

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DRY ICE CLEANING SOLUTIONS

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