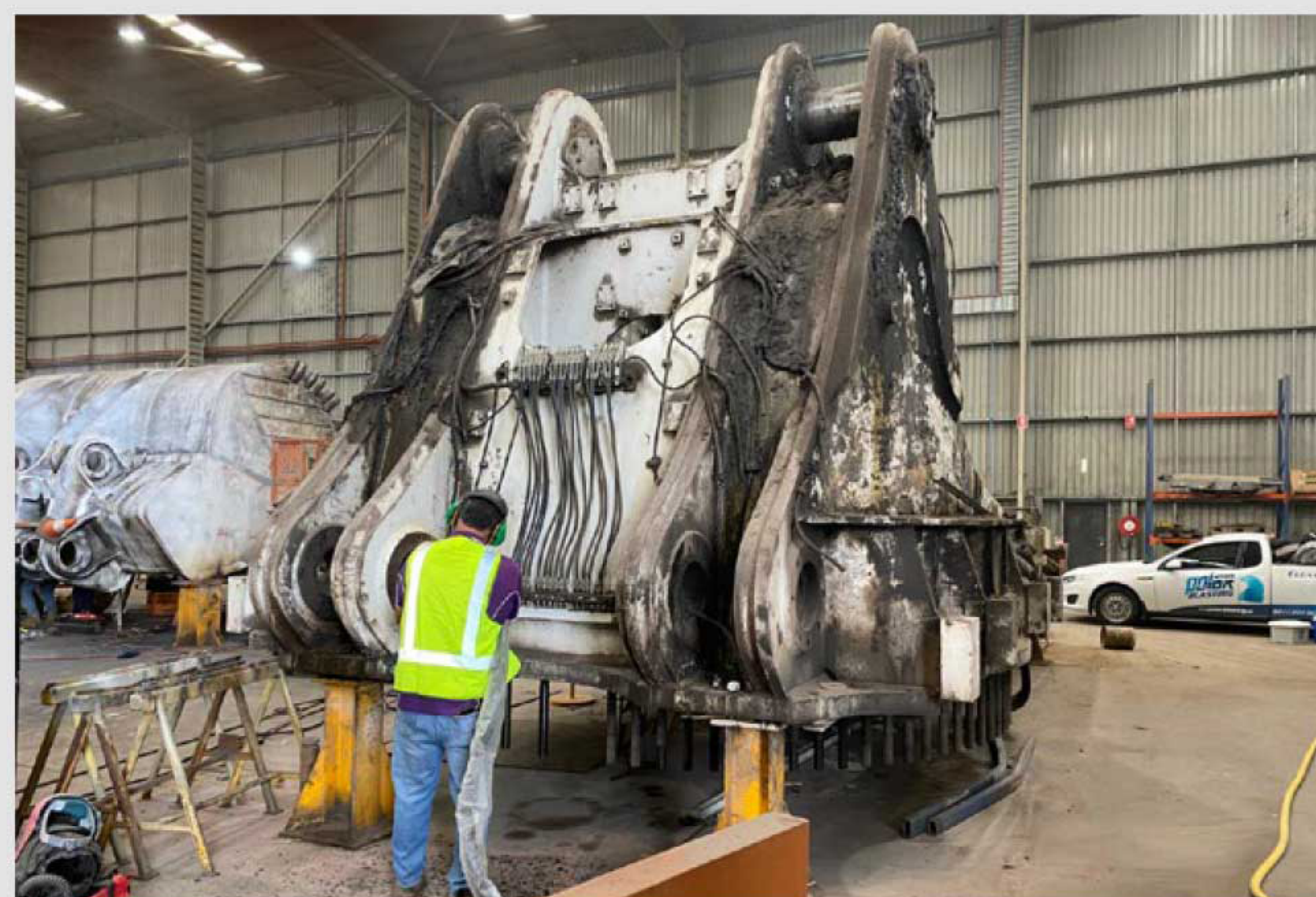




Mining

Dry ice blasting is revolutionising maintenance in the mining industry, both in surface and underground operations, and on heavy machinery. This efficient method removes dust, grease and debris without disassembling equipment, improving efficiency and reducing downtime.

In surface mining, it is used to clean conveyor belts, crushers, cooling systems and heavy machinery, preventing overheating and improving equipment durability. In underground mining, it helps keep ventilation systems, electrical equipment, and structures clean and safe.

In heavy machinery, such as excavators and trucks, dry ice cleans engines, hydraulic systems, and cabs, optimising performance and preventing wear. It is also useful on electrical components such as stators and rotors, where it ensures efficient and safe operation without damaging delicate parts.

In short, dry ice blasting improves safety, extends equipment life, and reduces costs, making mining cleaner and more efficient.



Dry ice (solid form of liquid carbon dioxide) is very well known in the food industry for cooling.

It is accepted as an environmentally friendly technology that can replace use of chemicals and the excess use of water.

No moisture = no bacteria/mold

Bakery

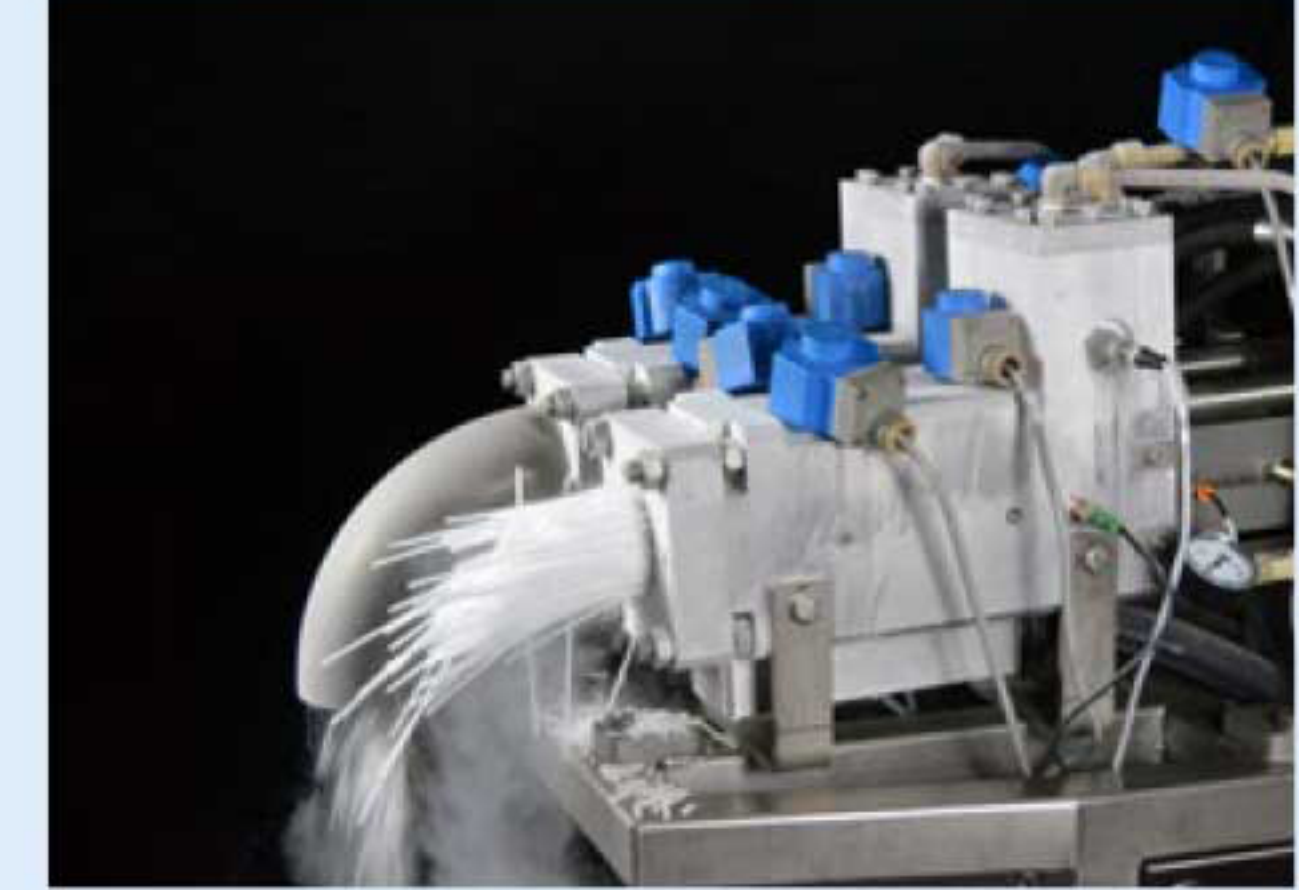
Reasons for Bakeries to decide on dry ice cleaning:

- Process line always dry and ready to produce (NO DOWN TIME).
- Remove labels and glue from conveyors and machines.
- Partial cleaning without shutting down.
- Roof to floor cleaning (lamps, cables etc.) without covering up (DRY).
- Cleaning of machines inside, around bearings, motors, electrical etc...

Benefits of dry ice production

In house production of high-density dry ice pellet offers many advantages.

- Delivery/production with short notice
- Reduction in losses, by manufacturing only what is needed
- Fresh pellets for better cleaning or cooling



The important factors, when considering purchasing a dry ice pelletizer are, besides the obvious fact that you want lowest capital investment cost, that you get a machine with well-known reliable components, with the minimum of maintenance cost.

Who can benefit from having in house production of dry ice?

- Customers and consumers of dry ice with long transport times and distances to supplier.
- Customers who require short response time from ordering to use.
- Customers where the pay back calculation shows significant savings.

Pelletizer SLJ

Making dry ice on site also reduces the need for dry ice containers used for transport from supplier to point of use thus eliminating the risk of bacteria or other unwanted elements entering food-safe areas.

With a weight of only 65 kilos and the size of only 90 X 32 X 50 then the SLJ pelletizer can be installed practically everywhere where the dry ice is needed. Feeding directly into a blaster or at point of use for shipping reduces handling time and again reduces the sublimation during normal storage and delivery from supplier.

Revolutionary and patented mechanical dry ice pelletizer with 8 pistons and a closed lubrication system makes the SLJ pelletizer a small yet powerful dry ice production unit with a minimum need for maintenance. A capacity of 40 kg/hour will cover the demand of smaller dry ice blasting companies, catering companies, laboratories etc. who would benefit from in-house production.

Huge savings on transport and evenly important the availability of the dry ice when and where it is needed. Making dry ice the minute it is needed can easily save 30-40% because the dry ice is not subjected to melting/sublimation. And by only making the kilos needed then users will see a tremendous reduction in waste as most who are having dry ice delivered will tend to purchase more than they would use.

Dry ice pellet size:

The most common dry ice pellet size for dry ice blasting is 3 mm, although 2.2 mm and 1.7 mm sizes are also available.

