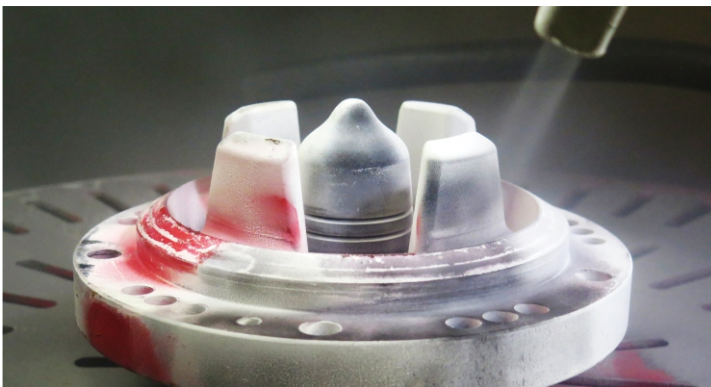


# DRY ICE CLEANING

The most demanding dry ice cleaning equipment on the market



ALL ABOUT  
DRY ICE  
EQUIPMENT



## ABOUT DRY ICE CLEANING:

Dry Ice Blasting is quickly becoming favoured among all industries because of environmental and production processes, standards, and certifications along with a growing consciousness of the environmental impact. Environmental benefits include cleaning with a natural substance, replaces chemicals and minimizes the need for specialty waste disposal.

## HOW IT WORKS:

Dry Ice Pellets are propelled at a supersonic speed by compressed air. Upon impact, the dry ice creates a micro-thermal shock (caused by the extreme cold temperature of  $-79^{\circ}\text{C}$ ) which breaks the bond between the coating and the substrate. The high pressure air stream removes the dirt from the surface, while the Dry Ice Pellets vaporize (sublimate) before your eyes.

## BENEFITS:

- **no damage** (completely safe even on delicate surfaces),
- **non-abrasive** and **non-corrosive** process,
- **no secondary waste**,
- **safe on electrical** (non-conductive cleaning technology),
- **no down time** (on-line cleaning, without disassembly and without need for drying),
- **cleaning with natural substances** (100%  $\text{CO}_2$ ).

## APPLICATIONS:

- moulds & tools cleaning (thermoplastics, rubber, aluminium & steel casting,...),
- robotic cells cleaning,
- welding tools,
- pharmacy & food process equipment,
- RTO & RTC general maintenance,
- resin production lines,
- paper mills and rolls,
- conveyor belts,
- offset & other printing equipment,...



## DI-POWER 16 HD

FOR INTENSIVE INDUSTRIAL USE

DI-POWER 16 is a powerful and durable machine designed to clean the most stubborn dirt. We have developed it in close collaboration with our customers.

### TECHNICAL SPECIFICATIONS:

- Dimension (l × w × h): 1110 × 400 × 780 mm
- Hopper capacity: 25 kg
- Dry ice consumption: 25-80 kg / hour
- Air consumption: 4,0 m<sup>3</sup> (6 bar, nozzle dia. 8 mm)
- Working pressure: 2-16 bar

## DI-POWER 12

FOR THE MOST DEMANDING CLEANING

Powerful and reliable dry ice cleaning machines with easy operation and maintenance. The robust housing is made entirely of stainless steel, making it ideal for demanding environments.

### TECHNICAL SPECIFICATIONS:

- Dimension (l × w × h): 1100 × 530 × 700 mm
- Hopper capacity: 23 kg
- Dry ice consumption: 30-80 kg / hour
- Air consumption: 3,2 m<sup>3</sup> (6 bar, nozzle dia. 8 mm)
- Working pressure: 2-12 bar



## DI-NOMIC

IDEAL FOR DAILY MAINTENANCE

This is the right choice for companies that want to take advantage of dry ice cleaning on smaller surfaces, devices and components without need to large amounts of air.

### TECHNICAL SPECIFICATIONS:

- Dimension (l × w × h): 550 × 480 × 610-895 mm
- Hopper capacity: 8 kg
- Dry ice consumption: 10-30 kg / hour
- Air consumption: 1,2 m<sup>3</sup> (6 bar, nozzle dia. 5 mm)
- Working pressure: 2-12 bar

## DS-ZERO

MAX. MOBILITY & MIN. CONSUMPTION

Extremely precise dry ice cleaning machine that allows safe and efficient cleaning of even the most sensitive surfaces (sensors, circuits, wiring,...).

### TECHNICAL SPECIFICATIONS:

- Dimension (l × w × h): 420 × 335 × 920 mm
- Hopper capacity: 6 kg
- Dry ice consumption: 2,5-30 kg / hour
- Air consumption: 0,9 m<sup>3</sup> (6 bar, nozzle dia. 4 mm)
- Working pressure: 0,1-10 bar

