



H₂O Ice Cleaning - Environmentally Friendly Cleaning

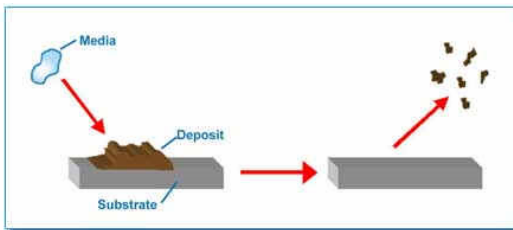
H₂O ice blasting is a cleaning process using ice particles, with low operating costs, using no chemicals and minimising water usage and effluent generation.

Ice blast technology has established a proven and reliable operating history both in Europe, Japan and the US. Its inherently simple process mechanism, coupled with its industrial proven components, makes it a very reliable industrial machine despite being a new technology. Its low operating cost, further enhanced by waste minimization, makes it ideal for large scale use in industrial cleaning. With automation, ice blast can be used for cost effective parts cleanings in the disassembly and recycling sector. Finally, its unique displace, scrub and flush cleaning mechanism makes it an environmentally friendly cleaning method that will stand the test of time and legislation.

H₂O Ice Cleaning Process

Ice blasting is a simple process that uses compressed air and ice crystals. Shot through a hose and directed with a nozzle, a fine, powerful mist is blasted onto a surface, acting like a chisel to remove debris. Ice blasting is a non-abrasive cleaning process that uses ordinary tap water, compressed air and electricity to create an environmentally friendly, cost effective method to address a variety of cleaning needs.

H₂O Ice Cleaning Benefits



Environmental Friendly:

Saving water
Generating less waste

Safety:

Safe working environment
No use of chemicals

Cost Savings:

Low operating costs
Low maintenance costs
High waste management savings

Indirect Benefits:

Reduced downtime
No dependence on media availability

Unique 'Displace-Scrub-Flush'-cleaning mechanism

Superior cleanliness
Non-abrasive, no damage to surface
Very efficient and effective cleaning: speed

Using only 100 liter of (normal tap) water

Minimal waste - lower waste management costs per hour
Minimal waste - environmental friendly
Widely available, minimal logistical costs
No generation of dust

Relative low pressure; maximum of 12 bar

Safe working environment
No damage to substrate
Low maintenance costs
No certification procedures required

No use of chemicals

Environmental friendly
Safe working environment

- Non-abrasive
- Low operating costs
- Minimal waste
 - Superior cleanliness
 - Reliability
 - No dust generation
 - Consistent operation

Example Applications

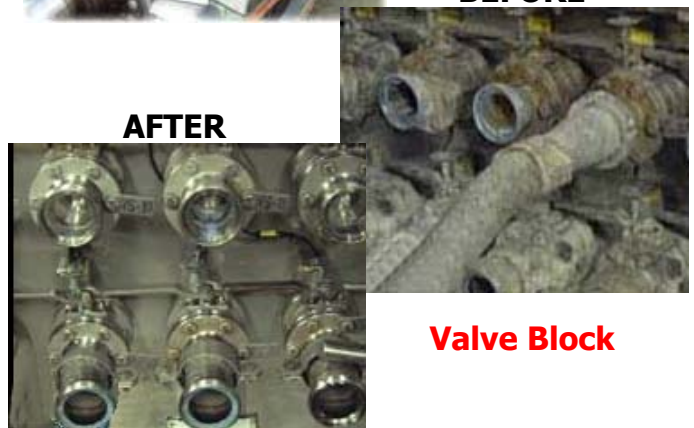
Turbine



BEFORE

AFTER

BEFORE



Valve Block

IceBlast Equipment



CX-91 Mobile Version



SX-110 Static Version