

APPLICATIONS

Baking Trays

Baking Machinery

Bitumen Machinery

Boat Hulls

Condensers, Chillers

Electric Motors

Electric Motor windings

Electric Forklifts

Electronic Circuit Boards

Gas or Steam Turbines

Printing Rollers

Printing Machine frames, Gears

Printing grippers, Tread plates

Plastic Moulding Machinery

Radiators

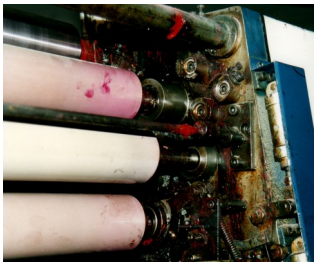
Rubber Tyre Moulds

Sanding Belts

Food Processing Machinery

Filter Systems

PRINTING MACHINE ROLLS AND FRAME



BEFORE



AFTER

We recently had our printing machine frame cleaned. The ink and glue was significant.

The guys from Acton EMS worked solidly, made the Machines look like new again, all within the time span we gave them.

Milan Huljich



We have some Anilox Rollers on several Machines which run 24/7. These rollers become blocked/clogged with ink. **Dry Ice** ensures our print quality is always consistent, and our downtime kept to a minimum.

Derick Riley



We have found that solvent deposits block our cooling vents, leading to slower production. Dry Ice Cleaning is ideal for this, it is quick and safe.

Jeff Griffin



We are proud of our commitment to environmental sustainability. The Dry Ice Cleaning of our trucks fits well with this commitment.

Bitumen builds up on the chassis's of our trucks making COF Certification difficult. Dry Ice cleaning removes this contamination, without impacting on the environment.

Chris Botes



www.emotors.co.nz

INDUSTRIAL DRY ICE CLEANING



It's CLEAN - it's GREEN



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THE PROCESS

Dry Ice cleaning is a total revolution of how machinery and electrical components can be cleaned.

Dry Ice cleaning is a process in which particles of solid carbon dioxide are propelled at a surface at a very high velocity. At impact the CO2 immediately sublimates into its normal state.

This process is the most efficient and most cost effective method of cleaning production equipment. There are no liquid or other contaminants to affect delicate or electrical components. The ability to clean machinery without disassembly/reassembly or cooling means huge gains in productivity.

THE PROCESS HAS A NUMBER OF CLEANING FEATURES:

THERMAL differential causes a loosening of the contaminant from the substrate.

SUBLIMATION (Ice changing into vapour) pushes the contaminant away from the substrate.

BLASTING energy in the air which propels the ice particles, removes the contaminant from the substrate

The contaminant drops to the floor for easy clean up.

THE BENEFITS

FAST: Gain in production. Reducing downtime - No drying time.

CLEANED in place: No need for costly machine disassembly. Safe on electrical insulation and plastics.

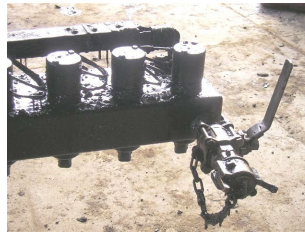
ENVIRONMENTALLY friendly:
No mixing of liquids with contaminant. No Toxic solvents are used in this process.

Non Abrasive: Will not affect surface finish of components. Will not damage delicate or electrical components

Easy clean up. Just the contamination dust to be swept and vacuumed after the cleaning.



BITUMEN SPRAYER BAR



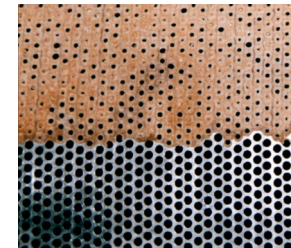
BEFORE



AFTER

Fast, Non Abrasive, Dry and Environmentally Friendly

BEFORE



AFTER

A CHOKED FILTER SCREEN



HYDRO-POWER STATION STATOR