

**BUSE JET DRY ICE BLASTING**

## BUSE JET DRY ICE BLASTING

BUSE Gastek presents a revolutionary alternative to traditional cleaning methods. The BUSE Jet-System, with its innovative dry ice cleaning technology, is perfectly suited for the maintenance and cleaning of industrial machinery.

### NO MORE COSTLY DOWNTIME

The BUSE Jet dry ice blasting System is ideal for cleaning many surfaces, machinery and machine components. Often installations can be cleaned without any dismantling and reassembling necessary, which cuts costs and increases productivity.

### NO CLEANING MATERIAL DISPOSAL COSTS

The dry ice used for blasting converts to gas. No environmentally damaging procedures or materials are used, so apart from clearing away the removed dirt, no expensive disposal of chemical agents is necessary.

### MULTIPLE USES

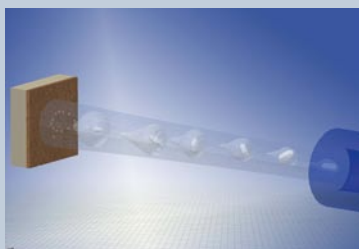
Dry ice blasting can be used to remove soft contaminants such as lubricants, waxes and anti-corrosion coatings. It is also perfect for removing highly adhesive contaminants like resins, varnishes and glues. In many cases, dry ice cleaning is possible even without shutting down machinery.



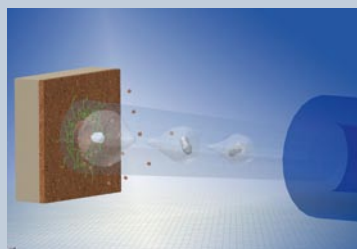
### THE ADVANTAGES OF DRY ICE CLEANING:

- Highly efficient and versatile
- No dismantling or expensive downtime
- No surface abrasion
- No time-consuming post-cleaning procedures and drying necessary
- No disposal of blasting agents
- Environmentally friendly cleaning

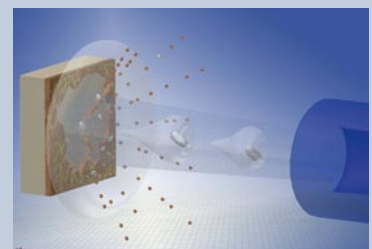
### HOW IT WORKS:



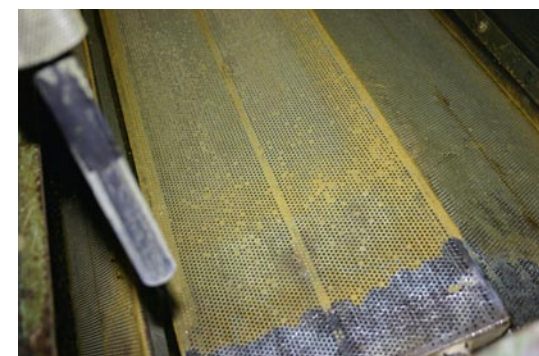
With the BUSE Jet system dry ice pellets are accelerated to 300 m/s



Thermoshock: the dry ice pellets sublime immediately and freeze the target area



The gas first penetrates the surface then a stream of pellets removes the dirt



Cleaning a food processing machine

## USE IN INDUSTRIAL CLEANING

The BUSE Jet System has proved itself a winner time and again. It reduces maintenance costs, minimizes downtime and extends machinery and plant life. A real plus for your productivity!

Our highly efficient dry ice blasting equipment is used in many industries.

### Examples of use:

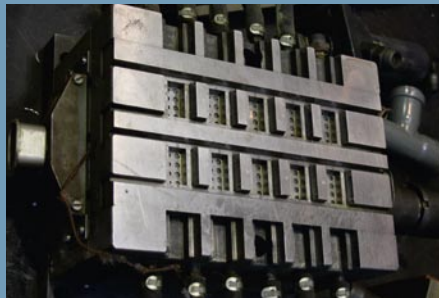
- Cleaning of plastic moulds and tyre moulds
- Cleaning of printing machinery
- Cleaning of power-station turbines
- Cleaning of food-processing machinery
- Cleaning of steel-foundry moulds
- Cleaning of vehicle interiors
- Restoration of vehicles and buildings
- Maintenance and repair



Surface preparation  
before tank restoration



Printing machinery



Industrial Molds



Turbines in generators

## HI-TECH DRY ICE CLEANING

BUSE manufactures complete dry ice cleaning units. All dry ice blasting equipment from our BUSE booster line is assembled in our own workshops according to the ISO 9001 standard and a number of other standards, e.g. EC Machinery Directive certification. All our machines carry CE certification.

Thanks to our innovative technology, BUSE has become the market leader in dry ice cleaning



## HOW OUR DRY ICE BLASTING TECHNOLOGY CAN HELP YOU

- Versatile high-power cleaning
- Low operating costs and high energy efficiency
- Easy-to-use lightweight and ergonomic design
- Robust construction for even the harshest conditions
- Long life and cost effective



Dry Ice blasting machine  
BUSE Booster 20 DP / 20 DPX

## BUSE JET SYSTEM TECHNOLOGY

- BUSE Booster blasting equipment for dry ice cleaning
- Machines for production of dry ice in pellet, block and disc form
- Insulated boxes for transport of dry ice
- Extensive range of nozzles for various applications
- Flexible lance for demanding cleaning tasks
- Hoses in different lengths and specifications
- Portable compressors



## CO<sub>2</sub> IS OUR WORLD...

...and has been for over 120 years. The BUSE-position on the beverage and gases industry is characterized by a close competence chain that has been earned over 120 years - from a German mineral water producer to a gas producer and distributor, right up to a reputable engineering and service specialist for the gases and beverage industry.

**BUSE – MORE THAN 120 YEARS OF KNOWLEDGE IN CO<sub>2</sub>-TECHNOLOGIES**

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ISO 9001:2008  
BUREAU VERITAS  
Certification

