

DropsA BBTS exclusively distributes dry ice blasting equipment from the manufacturer A & G specifically for UK and Scandinavian markets.

DropsA BBTS, in association with A&G, has developed an innovative approach for cleaning rolling stock and yellow plant :

The “**cryogenic cleaning**” that does not contain water or humidity.



The special cleaning machine (**CO₂ accelerator - Dry ice blasting**),

blasts small pellets of carbon dioxide in its solid state. The elimination of any conductive dust particles on the target reduces the risk of any sparks which in turn reduces the risk of fire. The results are instant as is the reduction of repair costs.



These benefits in turn reduce the working risk.

The dry ice particles (CO₂), after its effect of cleaning, sublimates in the form of gaseous carbon dioxide. When the pellet, of which its working temperature is -79°C, makes contact with the surface and produces a localised thermal shock which provokes the any material to release form the surface. The only resulting residue is the actual contamination material. At the same time the force from the dry ice, with pellets being properly sized, performs the dust removal.

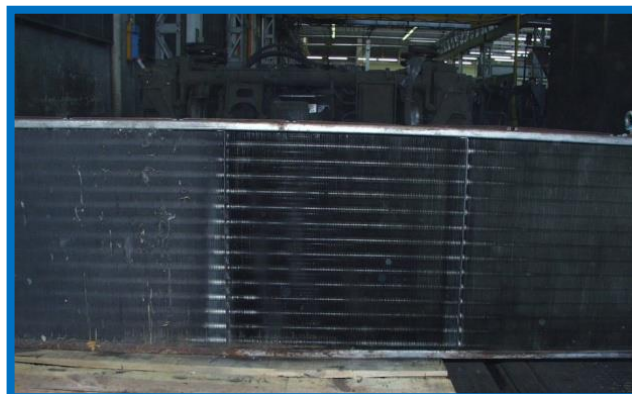
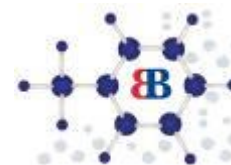




Cleaning with the CO₂ system permits the operator to do a visual analysis of the integrity of the components. From field trials the results have been very positive, analysis of various components shows no damage after the process, hence components that used the system were better than components that had not undergone the process. Essentially components cleaned with CO₂ have no drawbacks.



Compared to traditional methods the “cryogenic cleaning” allows the operator to reach hard to get to areas such as corners, cracks where brushes or traditional abrasives can not get to. The dry ice pellets have weak cohesion. This means that it leaves the surfaces undamaged and leaves no wear or abrasion.



Radiatore fuori opera e intasato.

La parte centrale è stata trattata mediante sistema CO2. Mentre le 2 aree laterali non hanno ricevuto alcun trattamento.