

# DRY ICE BLASTING



See also [www.surfprep.co.uk](http://www.surfprep.co.uk) for more examples

Topcoat removed from primer - then primer from metal



Soot removed from woodburning central heating system



Degreasing Gearbox parts - no abrasive!

Removing dirt and oil from painted surface (our sand jet machine!)



We have been providing sand blasting services for many years, but for cleanliness nothing much comes close to Dry Ice blasting as this involves no abrasive as such and a fairly minimal abrasive effect - the surface contamination is removed by thermal shock rather than abrasive scrubbing.

It is widely used for cleaning process machinery in-situ - such as print rollers and machining moulds.

- Mobile blast system will clean paint, grime, grease, resins etc from almost any surface by Thermal Shock - if the contamination expands at a different rate than the substrate then it will come off! Bricks, Thin materials (such as car bodies) are not deformed or work hardened by the working temperatures or pressures.
- It is not a chemical process so no noxious or harmful slurries or fumes are generated. As it uses no abrasive or water the system is particularly suited to being used indoors.
- Less subsequent cleaning up, the only debris is the materials removed from the surfaces - as near 'dustless' as it is possible to be with an 'open blast' system. The material removed, birds nests etc will still generate dust! For contaminated paint removal the only waste for hazardous disposal is the product itself - no abrasive added in. creating very significant cost savings.
- Cleans Inside and Outside, but is definitely 'optimal' inside
- Environmentally Friendly, No Fumes or Toxic Waste, no waste abrasive - it evaporates in the blasting process!
- It will not provide surface roughness - so some paints may require additional surface preparation
- Competitive Prices, but more expensive than sand jetting.