

Dustcontrol  [®] Technology for Healthy Business

Clearing The Air



**A Practical Approach to Dust
Extraction**

Company Background

**Company formed
in Sweden 1972**

Worldwide
network of 24
Partners &
Subsidiaries



UK subsidiary
opened in 1996 in
Buckinghamshire

**Entire range of
vacuum systems
conform to "H"
standard of filtration**

**Innovators in
Industrial, Semi-
mobile & material
transport systems**

Subsidiaries

- Austria
- Finland
- Germany
- United Kingdom
- United States



Why filter the air?

1 Health Reasons - particles ARE harmful to humans!

Small particles are more likely to permanently stay in the body.

2 The Working Environment - particles are a pollutant!

Dust reduces the production quality of goods.

Lifetime of equipment used is reduced by dust.



The Big Three

1) Asbestos

Still kills around 5000 workers each year, which is more than the number of people killed in road accidents.

2) Wood Dusts - Hard and soft woods + MDF which are bad for nasal cancers and Rhinitis.

3) Silica Dust - Also known as respirable crystalline silica or RCS



Health & Safety

450,000 UK workers regularly exposed to RCS.

Over 500 deaths a year directly linked to silica.

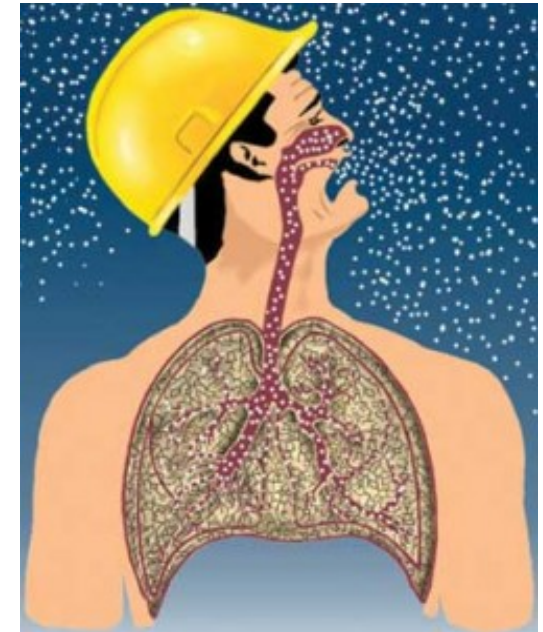
2.6 million working days are lost to ill health each year.

All trades in construction encounter RCS.

Minimise health risks of all dusts to operatives.

Minimise health risks to co-workers.

Recommended method of compliance by HSE.



Regulations

RCS carries a health risk to workers and has been classified as a hazardous substance under(COSHH) 2002 regulations.

There are 3 key things you need to do.

1) Assess the risks.

Most effective recognised measure “to prevent/minimise dust problem at source”

2) Control the risks.

Minimum M-Class industrial vacuums to be used for on tool extraction & for sweeping.

Use appropriate RPE (adequate for the amount and type of dust) generally a minimum of FFP3.

3) Review the controls.



Tools, Suction Casing & Dust Extractor.

- The HSE is quite clear that its goal is to get people using effective dust extraction to reduce exposure to harmful dust and that the mix and match approach is perfectly acceptable with the appropriate equipment.
- Manufacturers / suppliers do provide complete systems, but some parts (especially extraction vacuums) can be used with other tool makes and models. It is important to choose parts that are compatible and work well together.
- The primary thing to look for is equipment built for the job in hand, combined with a reliable extractor, built to at least the minimum standard required.



DC1800 Eco

The smallest addition to the Dustcontrol range at a weight of only 14kg, it is compact and easily stowed in a small van.

Ideally suited for maintenance and repair work in conjunction with drills, jigsaws and circular saws and environments requiring low noise levels and manoeuvrability.



DC2900C Eco

Designed for use in conjunction with hand power tools such as 125mm diameter grinders, sanders, wood working saws and general refurbishment and construction activity including vacuum cleaning.

At a weight of only 14kg, the DC2900 is highly mobile and features the HEPA H13 filtration system as used throughout the entire Dustcontrol range.



DC3900 Twin Eco, is particularly suited to aggressive tasks such as mortar raking and wall chasing where the dust created is not only highly dangerous but also a harsh environment for power tools.

The DC3900c Twin is equipped with two cyclones, one of which is used as a pre-separator to remove 80-90% of the coarse material; the other (*equipped with both a polyester and HEPA filter*) filters the remaining fine dust particles giving 99.99% separation.

This machine gives long-lasting, high performance and is ideally suited for applications such as floor grinding where high volumes of fine dust are produced.



DC Aircleaners

Designed for the reduction of airborne dust by using highly efficient HEPA H13 filtration. The unit can be used in a wide range of applications such as construction sites, renovations, workshops and as a compliment to source extraction to stop the migration of dust.



Dustcontrol-Why compromise??



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