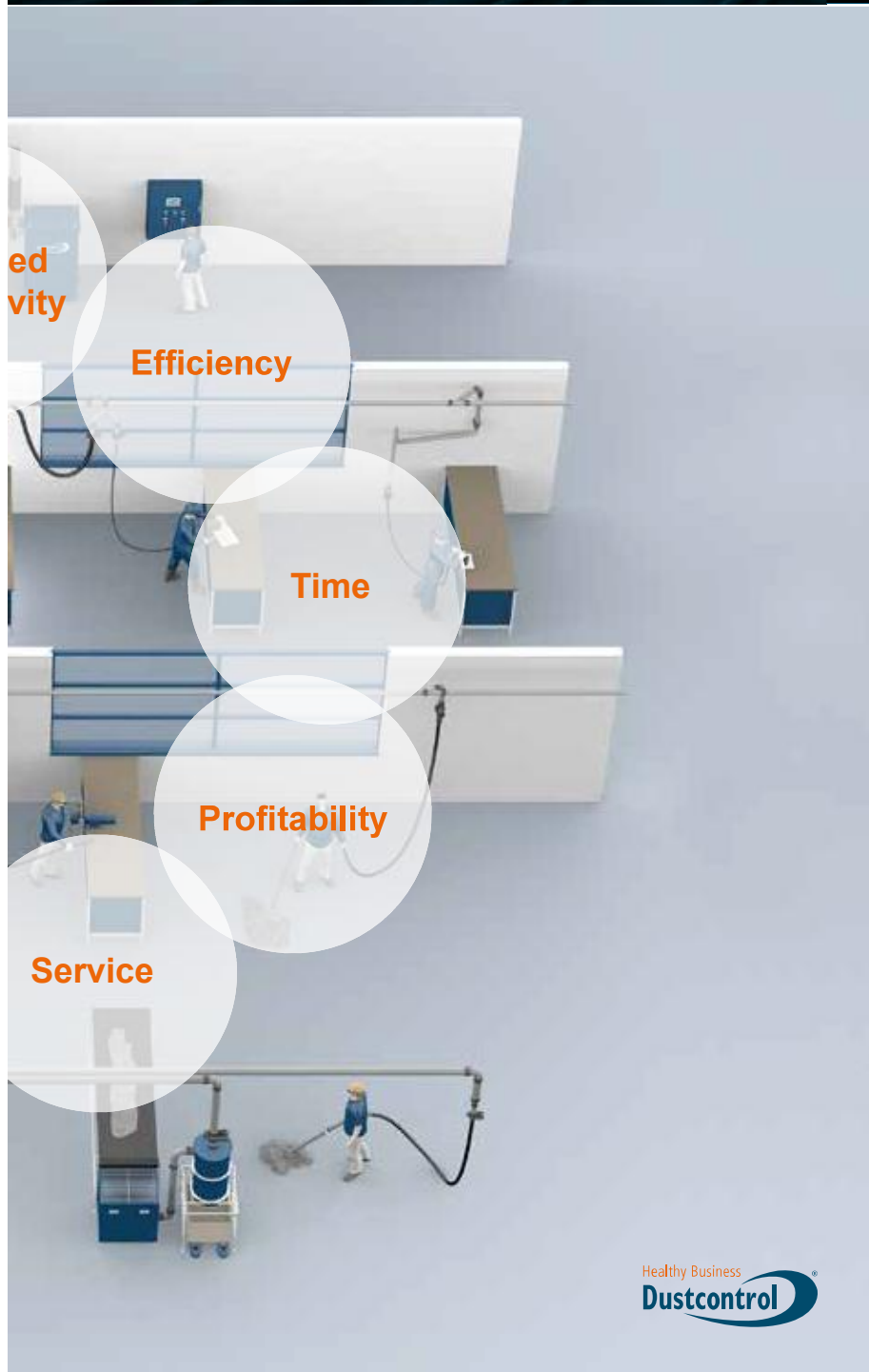


Technology for Healthy Business

Let Dustcontrol help you to achieve both a cleaner working environment and a healthy business.



Solutions for a large variety of businesses such as food, pharmaceuticals, manufacturing, aerospace, transit, waste handling, construction etc.





Food Industry

Nutrition

Food industry has special requirements. Control of components and equipment used in production is extreme, with a special focus on migratory risk, surface finish and often antistatic properties.

Dustcontrol designs and install complete source extraction systems in close cooperation with the customer. Each system is unique and conforms to EU1935/2004 and FDA. We let independent test institutes certify a large part of the components.

Our source extraction system can be fully integrated in the production process for optimal recycling or used as a central vacuum cleaning system.

To help the user to separate the cleaning equipment to be used with a certain product, we have a unique colour coding of cleaning accessories.



The combination of colour coding and anti-static attributes help to increase production security, efficiency and health and safety issues.



Food Industry

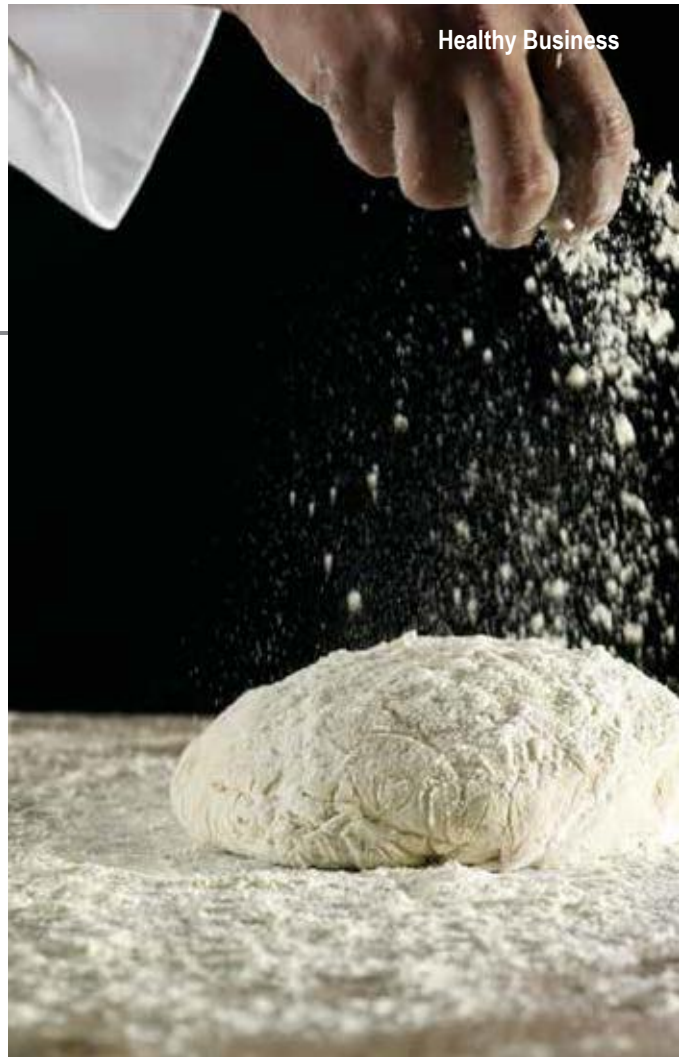
Bakery

Flour dust is a hazardous substance. Workers in baking related jobs may inhale flour dust when it becomes airborne. Runny nose, runny eyes, wheezing, shortness of breath, sneezing, asthma or cough are some of the health problems which can develop over time. Flour dust can also cause an explosion.

Dustcontrol designs systems for bakeries, using our experience of source extraction in hazardous environments.

A source extraction point is placed at each area where flour is used. In that way the pollution is captured directly at the source instead of going into the air. All equipment and fixtures are frequently cleaned of flour and dust with highly efficient vacuum cleaning accessories.

To further purify the air from health hazardous flour dust, air cleaners (DC AirCube) may be installed as a complement.





Shipbuilding and Composite

Composites have many unique qualities and are used in an increasing number of industries including automotive, marine, aviation and wind turbine. This increase use of composites and exotic materials has resulted in problems for personnel as well as production itself. Composite dust has a very low density and stays in the air for a long time. It penetrates into the trachea and lungs and promotes allergies, asthma and respiratory ailments. Composite dust accumulates and causes problems in computers and other electronic equipment.

Fixed systems from Dustcontrol are installed and used for cleaning and grinding with hand held power tools with suction casings. Flexibility increases and eliminates the need for dedicated grinding rooms and reduces time and costs for cleaning. It increases productivity by improving the operator's visibility and working conditions are safer.



Mechanical Industry

The manufacturing industry has many requirements for vacuum cleaning and extraction from the point of production. Large quantities of dust, debris, metal chips and strips can be produced and need to be transported away; sometimes for profitable recycling.

Hard-metal – Tungsten Carbide

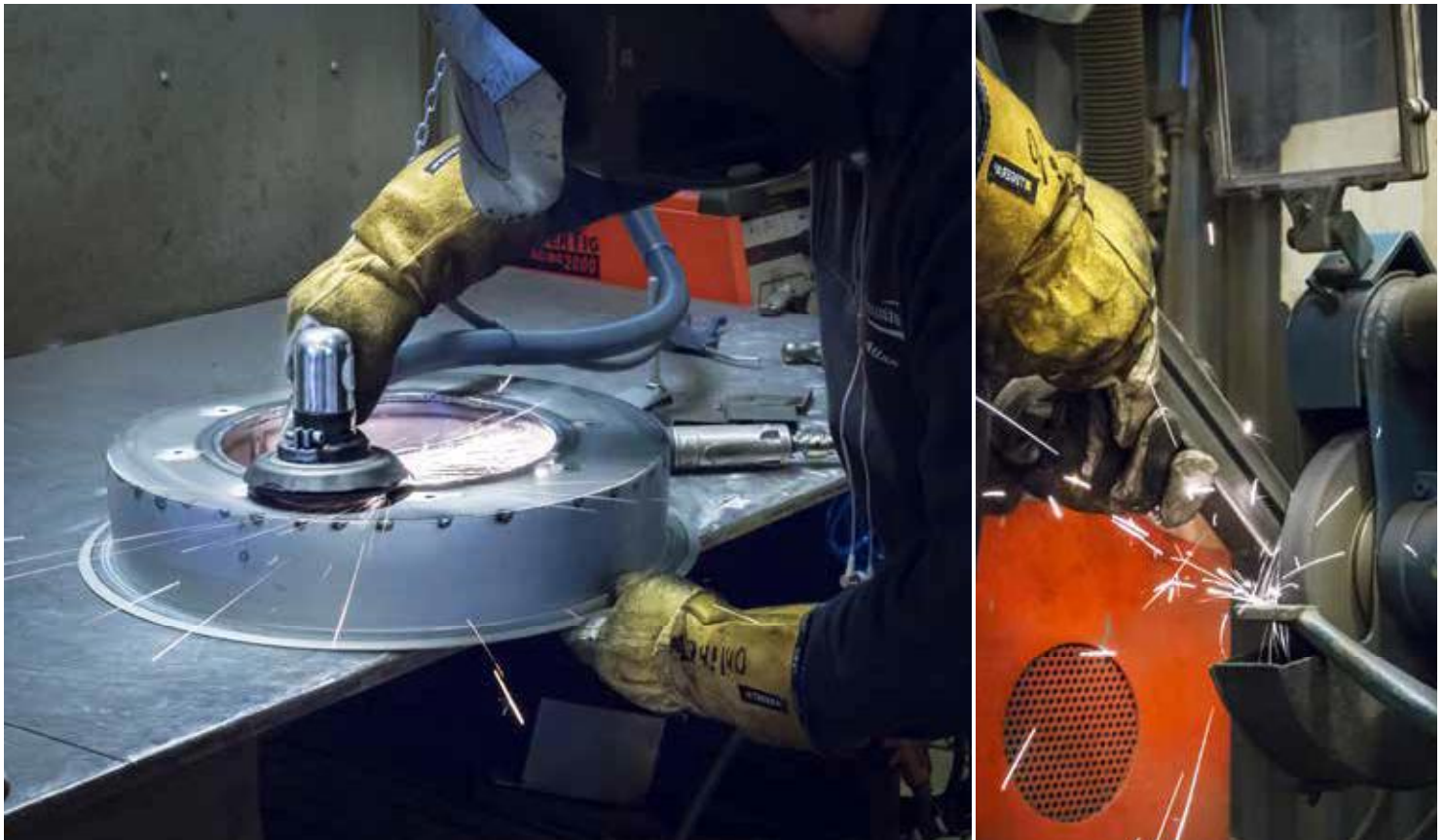
Tungsten carbides have a wide range of applications in many industry sectors such as metal machining, wear parts for mining and oil industries, metal forming tools, cutting tips for saw blades. Cobalt is used as a binding material when manufacturing hard metals. The material is classified as carcinogenic.

Dustcontrol has extensive experience in lowering the exposure dust. We install custom made suction casings directly on production machinery, adapt control systems to production processes and apply the most efficient solutions to ATEX/NFPA standards when required.

Foundry

Dustcontrol's abrasive resistant EPDM tubing system can handle even high abrasion. Thanks to a radial ridge in the bend, the wearing is distributed over a larger area. The EPDM material has good noise reducing properties.

Dustcontrol has a lot of experience in source extraction in foundries. Hand held tools are equipped with suction casings to collect hazardous gases and scrap materials at source. A pre-separator is used to separate the lubricant from the metal chips from CNC machines. Pure metals can be recycled in the process. The Dustcontrol system is also used for cleaning and material transport.



Transit

The standard of our passenger transportation vehicles has risen and continues to rise. Public transport should be quick and convenient and passengers expect clean trains and buses. Our modern cleaning technology can be used to make these clean environments.

Vacuum cleaning floors and seats with a highly efficient suction system results in a much cleaner vehicle than with older technology. The vacuum system also takes care of collecting and transporting coarse waste. This leads to more efficient cleaning as every second of the cleaning time is valuable. Needless to say, ease of handling and good cleaning accessories play an important role.



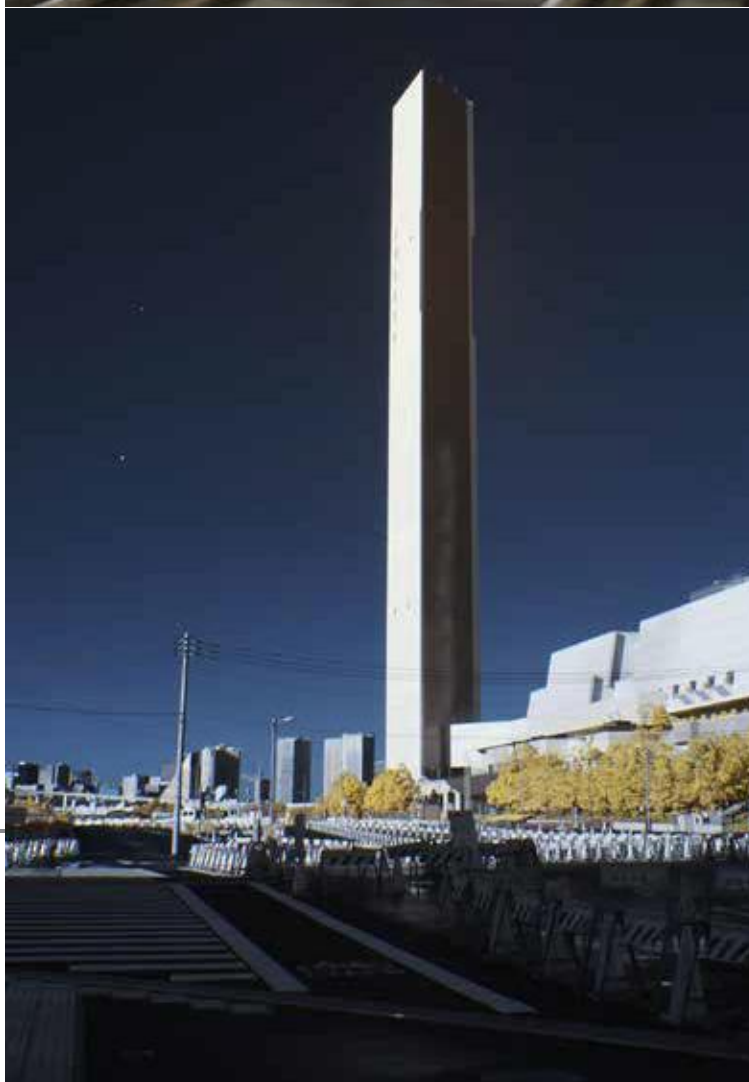
Waste Handling and Incineration Facilities

Within waste management and incineration facilities there are several applications areas where modern source extraction and material transport systems can improve the overall operations and lead to cost savings.

Dustcontrol has provided many systems all over the world to filtrate and collect hazardous waste materials and transport them to their designated area. Pre-separators are also used to separate liquid from metals.

Incineration plant

A central system delivered by Dustcontrol takes care of the internal environment, mainly cleaning around the furnaces. Activated carbon is also transported and filtered by the system. The installation is designed and installed to comply with the European ATEX directive to minimise the risk of dust explosion.



Aviation and Automotive Industry

The aviation & automotive industry has several application areas where efficient source extraction and cleanliness is a must: FOD (foreign object debris) control, composite fabrication, wood handling, coating and painting, just to name a few.

Source extraction systems are built out of Dustcontrol standard or ATEX/NFPA components, many of them engineered and patented. Suction casings are developed to fit the equipment where dust is created, like grinding, drilling machines, sanders and saws. With a central vacuum system, the dust is collected in a container for easy disposal. Dustcontrol has a very extensive range of products, which provide reliable solutions with long product life and more efficient production.

In addition to offering a dustless environment for such tasks as drilling, sanding and grinding, the extraction system is used for cleaning tasks and extraction of residual materials during riveting and gluing. Also, sealant materials and chromium residual products are captured. The materials that are extracted are aluminium, GLARE (glass reinforced fibre metal laminate), carbon fibre, fibreglass, epoxy, polyester, aluminium alloys and titanium.



Pharmaceutical Industry

In the pharmaceutical industry it is necessary to protect products from what is commonly called particle contamination. Within the pharmaceutical industry this is important for several reasons. Even particulate that is invisible to the naked eye can carry bacteria. This can impair the transparency of liquids or block capillaries. The solution is to allow the sensitive parts of manufacturing to take place in special environments cleaned of airborne particulate. These clean rooms are graded into different cleanliness classes, depending on the manufacturing requirements.

Production Facility

Our solution. The clean room needs an efficient and reliable system for collecting and removing dust and other particulate. Just the presence of a human being in a clean room is enough to free microscopic particulate. Dustcontrol has many years of experience in manufacturing systems built to the high standards required in these clean room environments. The systems are based on proven techniques including source extraction and can be entirely customised according to the client's specifications.

Complete accessory range

Dustcontrol offers a complete range of different cleaning equipment, hoses, connections, and nozzles, which can easily be connected to the system, both in the clean room and other locations.

About airborne particles

Airborne particulate can be microscopic and still carry bacteria. Working in a clean room necessitates special equipment, which has to be antistatic and must not release dust particles.



Construction and Rental Industry

Dustcontrol has been designing systems for source extraction of hazardous dust such as asbestos, silica dust and quartz within the construction industry for close to 45 years. In keeping up with increased demands for cleanliness and efficiency, the interest for source extraction has been constantly growing.

Dustcontrol solutions minimise airborne dust, creating major health and safety advantages. They also lead to increased

productivity and massive reduction in clean-up time and expense; thus greater customer satisfaction and minimum interruption. All our portable units are equipped with a fine filter and HEPA H13 filter as standard.

The Dustcontrol construction units are a very popular choice for the Rental Industry due to their quality, long service life, availability of spare parts and wide range of accessories.



Visit www.dustcontrol.com for your Construction Catalogue!