



CLEAN INDUSTRY

Solutions for a safe work environment



Dustcontrol®

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Achieve a Cleaner and Healthier Working Environment with us

Dustcontrol is your global partner for advanced dust extraction solutions, offering mobile dust extractors and stationary high-vacuum extraction systems. Our products help companies worldwide maintain cleaner, healthier, and more efficient production environments, leading to improved product quality.

Tell us where the dust is and we will extract it – at source!

Regardless of the material to be handled you can trust that our equipment is created focusing on your work performance and health. Our industrial vacuum extractors are designed by experts – for professionals.

Custom Solutions with over 50 Years of Experience

With 50 years of expertise in developing custom products, Dustcontrol specializes in creating tailored solutions for stationary casings in printing machines, food processing machines, and other automated production lines. Our experience ensures that we can meet the unique requirements of your industry.

Serving Diverse Industries

Dustcontrol provides dust collection products and accessories for companies of all sizes across multiple industries. Whether you're in manufacturing, construction, or any other sector, our solutions are designed to meet your specific needs.





Our extensive product range includes:

Mobile Dust Extractors: Ideal for industrial and construction applications.

Liquid Extractors:
Efficiently manage liquid waste.

Pre-separators: Enhance the performance of your dust extraction system.

Air Cleaners: Improve air quality in various work environments.

Central Vacuum Systems: Powerful solutions for large-scale dust extraction.

Accessories and Discharge Arrangements: A complete set of tools to complement our dust extractors.

Why Choose Dustcontrol?

Comprehensive Product Range:
Wide array of products tailored to various industries.

Proven Safety:
Our solutions comply with industry standards and safety regulations.

Reliable Performance:
High-quality equipment designed for durability and efficiency.

Extensive Experience:
Five decades of expertise in dust extraction solutions.

Support & Service & Workshops:
We offers personal service and support in every step of the way.



Dustcontrol manufactures mobile construction and industrial vacuum solutions, fixed suction systems, as well as various accessories.

Stationary Solutions

Centralised Vacuum System Complete and individually tailored system. Control the air quality in your production unit.

A well-functioning production is about more than just machines. It's about creating an environment where both staff and equipment are protected and thrive.

Complete and Individually tailored extraction systems Dustcontrol's extraction systems are used for process ventilation, local extraction, cleaning and material transport. These functions can often be combined in a single extraction system. Each system is unique and adapted to the individual requirements of the workplace for capacity, simplicity, energy savings and compliance with external regulations and directives such as ATEX, health and safety.



Our Industrial Dust Extractors are designed by experts for professionals.

Mobile Dust Extractors

Dustcontrol has a large range of models and sizes for everyone imaginable needs within spot extraction and cleaning.

Mobile Pre-Separators

A mobile pre-separator can be connected to the workplace to catch coarse material, liquids and water to relieve the piping system or the industrial vacuum cleaner and minimize the risk of clogging.

Classifications

All our industrial dust extractors are third-party certified H-class and thus meet the strictest requirements in the tests according to EN-60335-2-63. All our machines are equipped with HEPA filters H13 - according to 1822-1. This means separating 99.95% of all particles in size 0.15 to 0.30µm.





DC Smart System Control your vacuum extraction system with our control system.

Dustcontrol's control system, Smart Panel and Smart Panel Light, are standardized, configurable and offer a number of functions that contribute to both time, energy and cost effectiveness.

With these systems, Dustcontrol can now offer a connected overall concept including service and maintenance. By automating different parts of the management system the control system streamlines processes and minimizes manual interventions. This

reduces the risk of human error and optimizes energy consumption.

With good maintenance of your Dustcontrol system, it can continue to deliver for decades. But when it comes to electricity and automation, things are moving fast. For PLCs that are up to 15 years old, spare parts can be very difficult to obtain. In addition, development is taking place rapidly in the customized suction power to save electricity, energy, and heating costs. Contact us for more info!



Service, Demonstration and Support We offer you personal service and support in every step of the way.

If you need our support and service of a Dustcontrol machine – always contact the store where you bought it from. Depending on whether it is a mobile or stationary solution, we are there to solve your problems.

Nothing lasts forever without maintenance and service. Especially if it's in heavy use. Therefore, Dustcontrol offers different types of service levels to prevent and mitigate any downtime of the machine. Whether it's repairs or replacing broken parts, our team of experts are here to ensure your machine quickly returns to full functionality. We strive to make the process as smooth and hassle-free for you as possible, so you can continue to focus on your tasks without interruption.



Aviation Pharma Food
Mechanical Bakery Auto
Shipbuilding Waste Handling
Lab Science Foundry Transit
Nursing Homes Composite
Construction 3D-Printing



Dustlight Mini Continuous personal dust monitoring for the real job.

Dustlight is a wearable personal dust monitor for industrial and trade environments that makes respirable dust exposure visible in real time. Worn on the body, it measures PM1, PM2.5, and PM10 and gives an immediate visual and acoustic warning when thresholds are overstepped.

The colors shift from yellow to red if the dust level exceeds 1250 $\mu\text{g}/\text{m}^3$ (can be altered due to the country or a specific regulation stored by using the App), while the transition from green to yellow can be adjusted via an app, with the default setting at 10% of the limit value.

Dustlight provides indicative measurements and cannot be used as proof of compliance with limit values, but it warns if the dust levels in the air rise to critical levels. It continuously monitors the effectiveness of protective measures and helps analyze dust emissions from work processes or locate dust sources.



Technical data Dustlight Mini

HxWxD [mm/in]	69 x 69 x 33 / 150 x
Weight [kg/lb]	150 /
Battery Time	Up to 20 Hours (Eco up to 40 hours)
Particle Sizes	Respirable (PM1, PM2.5, PM10)

Features of the device

An innovative prefiltering system prevents clogging of active airflow

Easy-to-read display that shows every detail

Robust case for every-day use on construction site

Magnetic charging

Self-cleaning

Bright LEDs indicate the current risk level – simple and easy to understand

Laser-based optical measurement

Simple operation: switch it on and off by one button!

Long-lasting battery with up to 40h runtime

Modular KlickFast System for safe fixing

Reliable and responsive respirable dust detection



QR Code for more info.

Scan this QR code and get more info about the DC Tromb Turbo models; videos, guidelines and much more.



Dustlight Device Info
Technical Info, Manuals



Dustlight App Info
Data storage, Live display

Clean Industry with us!

Accessories and Spareparts We help you pick out the most efficient ones to get your job done!

To get optimal performance from your dust extractor, pre-separator or air cleaner the accessories are at least as important to give the best results. It is necessary to have the right equipment and to use it correctly. We have accessories for any of the different tasks.

Please note that Dustcontrol's warranty of the mobile machines are only valid with our original filters. Be aware of the fake copies out there.

Dustcontrol has several accessories, such as:

- Pipes
- Floor nozzles
- Suction brushes
- Original filters
- Hoses
- Suction casings



The strategy of our work. With our solution you are contributing to a work environment with cleaner air.

Dustcontrol operates within the manufacturing sector. Our products are made to minimise the release of dust, fluids, and other hazardous particles into the environment. Our slogan *Technology for Healthy Business* is an approach that characterises our entire operation.

We have enlisted the help of the EcoVadis platform to evaluate our sustainability work. Every year, their experts

analyze documents that we share from our management system and based on that we get a ranking but also suggestions for future actions.

Dustcontrol's strategy is inspired by the UN's 17 global goals and works actively to contribute to them.

Our focus areas of Dustcontrol's strategy are:





ISO Certified We guarantee that our quality & work environment meet the standards.

We at Dustcontrol AB work systematically to improve our quality and work environment to meet our customers' needs and expectations. As proof of our work, we are certified according to ISO 9001 – Quality, ISO 14001 – Environment and ISO 45001 – Work Environment. Certified by international standard for quality management systems.



DC Academy and our workshops

Dangers of Dust – Training for your team.

Identifying hazards can be a simple task when they're obvious and visible, but it's the ones you can't see that can be the most damaging and the hardest to detect.

One of the invisible dangers that pose a serious risk to health is the smallest airborne particles that are present in the air and that can easily penetrate our lungs without us even noticing. These particles can come from various sources and can cause serious health problems if not handled properly.

Dustcontrol has been designing systems for source extraction of hazardous particles such as asbestos, silica dust and quartz in the construction industry for over 50 years. And we would like to share with you the knowledge we have gained over the years. Dustcontrol offers training on the dangers of dust and how best to deal with them. These trainings can be held either on our premises, on site or digitally.



The Complete System for Healthy Business

1 Vacuum Producers

The vacuum producer is the heart of the system. Here the vacuum is created that drives the system. In Dustcontrol extraction systems, the vacuum level is generally from 6–40 kPa. Our normal source extraction and vacuum cleaning systems use turbopumps. This device has an ideally suited characteristic capacity for this type of system. Vacuum level increases as more resistance is presented, an important quality in minimising the possibility of blockages in the tubing system.

For applications involving fume and light dust, such as paper, radial blowers are used. These have larger air flows and operate at a lower, relatively constant vacuum level.

Our turbopumps and radial blowers have very high quality built-in silencing, see technical specifications.

2 Filter Units

An extraction system should always be equipped with a filter unit. Dustcontrol filter units separate coarse material in the cyclone body of the unit and fine dust in an internal arrangement of conical pleated cartridge filters. Pleated filters have very high filter areas in relation to their physical size. The filter units therefore have high capacity while maintaining compact overall dimensions. Filters are cleaned with reverse pulse which results in very effective cleaning, long filter life and low maintenance. Normally the filter units are equipped with a plastic bag for collection of the extracted material but other types of discharge arrangements can also be installed.

3 Pre-Separators

Pre-separators can be used in all applications where the extracted material is coarse or voluminous. These can be placed in the actual workplace for separate handling or recovery of the extracted material, or centrally.

Pre-separators separate material from the air flow using cyclonic action or with inertial separation. Inertial separators are generally configured as containers with the inlet and outlet in the same wall of the container. When the air flow changes direction abruptly, separation occurs for the particles with higher relative mass. When pre-separation is used to accommodate higher material volumes it is also important to consider the type of material discharge to be used. Dustcontrol offers a range of different standard options including; screw compaction, airlocks or container collection.

4 Tubing System

The tubing system transports the material from the point of collection to the central unit. Dust is generally abrasive, some more than others, therefore the standard material thickness of the tubing system is 1.5 mm. Applications with fume and light dust use reinforced spiral duct. Stainless tubing systems and extra abrasion resistant fittings are available.

Dustcontrol has a very comprehensive assortment of tubing fittings and installation hardware. This gives greater flexibility in design and installation of our tubing systems. Our mechanical

joining system makes alterations and additions very easy to carry out. Some cones, branch pipes and bends are available in EPDM and NBR-rubber, which are abrasive resistant and noise reducing.

5 Work Place Equipment

An extraction system is sized for only those outlets which are to be used simultaneously. This is in order to maximise efficiency and minimise the size of the central unit. All outlets must have some type of closure, either a flap valve or shutter valve. These can be manually actuated, such as flap valves or manual shutter valves, or automatically controlled for actuation only when extraction is required.

The Flexpipe can be used for fume extraction. High flexibility and small diameter allow it to be placed very close to the fume source. Overhead suspension arrangements such as swing-arms and hose reels can increase the usefulness of the system, increase ergonomics and minimise potential trip hazards from hose left on the floor.

When large volumes of material are to be introduced into the system, stainless floor funnels can be used from which the material is then extracted.

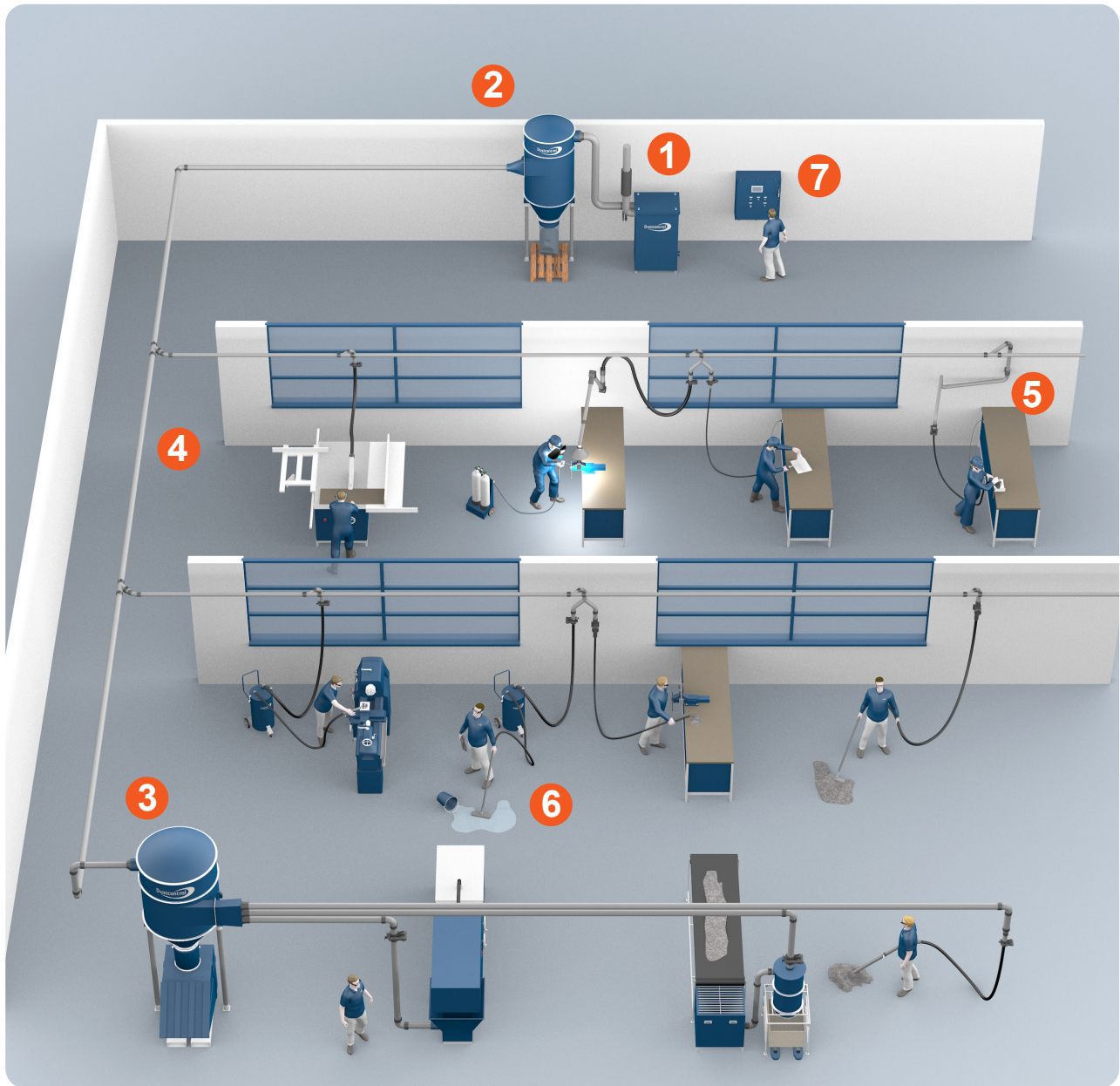
6 Accessories

A hose must have many qualities, the foremost for the operator however is flexibility. It should also be tough enough to withstand the abrasion created when transporting the extracted material. Hose selection should include consideration for abrasion, chemical and heat resistance as well as conductivity of static electricity.

Dustcontrol has a comprehensive assortment of hose types, diameters and hose connections. Cleaning tools, suction casings and special nozzles are those components that are actually used to capture the dust. The design and effectiveness of these will determine the efficiency and acceptance of the entire system. This demands a varied and complete assortment of especially designed products. Dustcontrol has that. If a standard product does not exist, we have the capacity to design and manufacture it.

7 Control Systems

Motor starters and system control panels control the operation of the system, operation of the vacuum producers and cleaning of the filter. A variety of other control functions can be installed as required. Even with a rather basic control system, intelligent features can be included to clear coarse material in the main tubing runs or control vacuum production and therefore energy consumption according to actual requirements.



Clean Industry. To attain the desired efficiency and benefits with an extraction system the system must be complete; from the suction casing to the vacuum producer to the control system. All the components of the system are equally important.



Enabling
Healthy
Business since
1972

Dustcontrol

Healthy Business

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