



Providing Cleaner Air

in a working environment





About Heaton Green

The company was established in 1982 and driven forward to become firmly established as a UK market leader in the design and manufacturing of dust extraction systems and filtration equipment. It started working firstly out of a small rented sales office in an old mill in Dewsbury. Since then, Heaton Green has evolved into a much larger organization, employing over 30 personnel and occupying its own manufacturing facility in Batley, West Yorkshire, housing over 1700m² of production floor space, a sewing room, a sales/projects office, and administration offices.

The production of reliable, merchantable products is greatly helped by the collective knowledge and expertise gained over the life of the company.

Heaton Green is proud of the reputation it has built up over the years serving many industries. To ensure this reputation remains intact, the company continually invests in its people, maintaining a high-caliber workforce.

The high-quality provision of products and services has, over the years, led to a very high level of returning customers, some of whom have been clients since Heaton Green's incorporation in 1982.

Products & Services

Designers, manufacturers and installers of dust control equipment to industry including:

- Building Products
- Foodstuffs
- Biomass
- Grain & seed cleaning
- Animal feed
- Maltings
- Recycling facilities
- Pharmaceuticals
- Foundries
- Crematoriums
- Metal processing

Suppliers and providers of the following products and services:

- Woodworking
- Process and nuisance dust control
- In house manufacture of filter units
- Large range of filter units
- Full Design Service
- Fabrication
- Comprehensive maintenance package including LEV inspections in line with HSG258
- Dust Suppression Baffles - the system of containing dust when handling loose bulk materials
- Personal sampling service



There are various designs of fabric filters, the selection and application of which may need necessary consultation with a suitably qualified engineer.

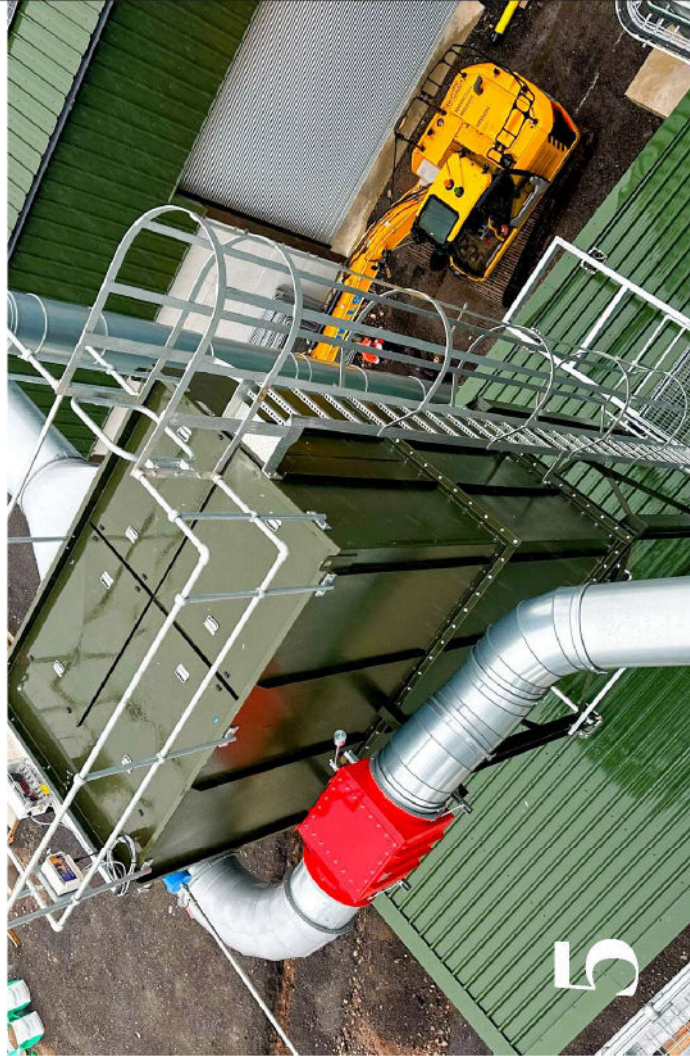
Heaton Green specializes in the supply of fabric filters. These are divided into two main categories, being mechanical shake and reverse jet cleaning.

The latter is the most predominant and is further subdivided into cartridge, tubular, and flat pad designs

Filters

In order to make the appropriate and cost effective filter selection there are many things to consider, including the following:

- Application
- Dust type and properties
- Particle Size
- Temperature
- Moisture content



With all the required information to hand it is then possible for the engineer to advise on the selection. Filter specification will include some or all of the following:

- Filter Type
- Filtration velocity
- Filter Size
- Filter Media
- Fan Size
- Dust disposal to suit dust type and quantity
- Current legislative requirements, pertaining to our equipment, including:

- COSHH the Factory Inspectors guideline 'Controlling airborne contaminants at work' HSG258
- EPS, The equipment and Protective systems Intended for Use in Potentially Explosive Atmospheres Regulations, for compliance with ATEX Directive 2014/34/EU.

From this information it is possible to prepare a comprehensive quotation.

Projects

Heaton Green are able to offer a wealth of experience in the design, manufacture and installation of turnkey solutions and have a team of project engineers who are able to provide:

- Bespoke solutions to meet specific requirements.
- A project management service from initial design concept to final commissioning and handover.
- Expertise in the design of hoods, enclosures, and ductwork - probably the single most important factor in the control of dust generation.
- Fan selection - A suitable fan will be selected by firstly applying the required extraction rates to the ductwork system resistance (pressure loss) in order that the fan will handle the required flow rate.
- Liaison with the resellers and OEMs to help in the selection of a filter, taking into account any site constraints there may be.
- CAD service - the latest software used in the production of CAD drawings either for production purposes or, if required, provide drawing files for importing into the customer's files.



Lev Testing

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It is the duty, by law, for all employers to assess the dangers faced by their employees due to exposure to hazardous substances. Respirable dust falls into this area, and when this results in the need for a dust control system to protect the operatives, then regular inspections should be carried out on that equipment in accordance with the requirements of the Factory Inspectorate's guideline HSG258.

The main objective is to ensure that an extraction system maintains constant performance and provides the necessary protection for those using it.

Local Exhaust Ventilation (LEV) testing is carried out by Heaton Green engineers, whose testing, inspection, and results will be presented in a comprehensive report. This report should be retained by the user for future inspections by the Factory Inspectorate. The report will include the relevant readings, advise of any faults, and, if required, supply costs for any recommended remedial work.

Spares & Servicing

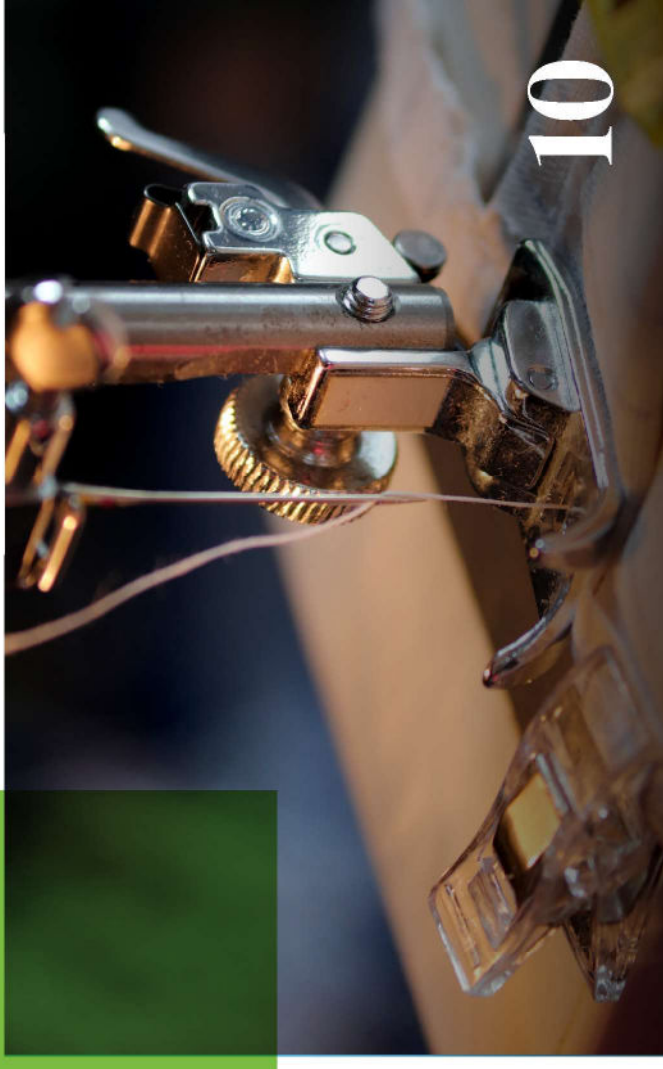
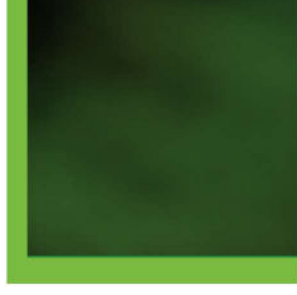
Off-the-shelf spares are available for Heaton Green filters and can usually be fitted by a competent engineer.

Other products manufactured in the sewing room are flexible connections and dust covers.

Heaton Green has its own manufacturing facility for filter bags and is equipped with modern textile fabrication machinery, operated by a team of skilled machinists.

The servicing department is available to carry out regular maintenance work such as filter changes, attend breakdowns, and is often a useful back-up should work need to be carried out following an LEV inspection.

Details for most major makes of filter element are held so filter replacements can be supplied for most manufacturers' units.



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