



Nederman is one of the world's leading companies supplying products and services in the environmental technology sector. With focus on clean air, safe and efficient workspaces and solutions for recycling - Nederman solutions contribute to safer working environments and reduces the environmental impact from industrial processes around the world.

Nederman's offer on the market encompasses everything from the design stage through to installation, commissioning and servicing.

Nederman

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Nederman

Equipment guide for local exhaust ventilation (LEV)

Extraction products, systems and solutions available



Welcome to Nederman

The following guide gives an overview of local exhaust ventilation (LEV) solutions available. Our aim is to work closely with leading specialists deliver practical solutions to customers. Further information and product detail is available on request or at www.nederman.co.uk.

For over 60 years Nederman solutions have helped to reduce the environmental impact of manufacturing processes, protect people from harmful gases or particles and create more efficient working environments.

Nederman UK & Ireland

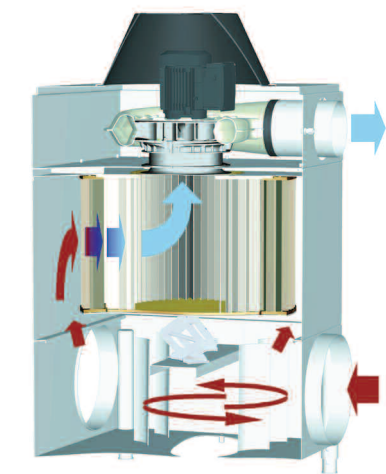
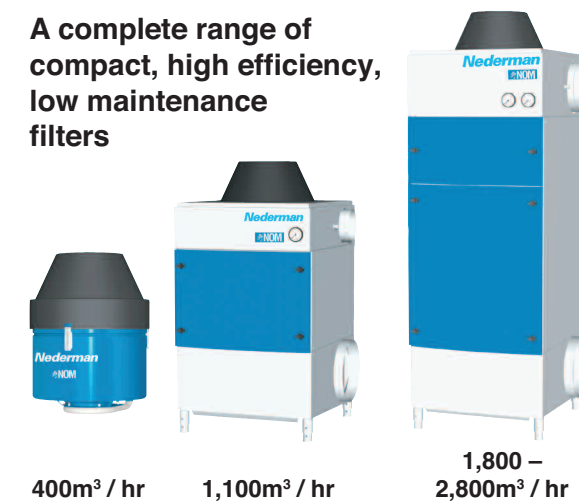
Nederman Ltd operates in the UK from facilities in Preston, Leeds, Belfast and Dublin, carrying both ISO 9001 and ISO 14001 Accreditations. The business has specialists within key market segments as well as projects and aftersales expertise to support a wide range of key accounts, blue chip industrial clients and specialist manufacturers.



NOM Oil Mist Filters

Nederman's range of oil mist filters are a practical and effective solution to the problems created by oil mist. When not captured at source, oil mist can create risks for operators as well as cleaning and maintenance challenges once it settles.

A complete range of compact, high efficiency, low maintenance filters



Contaminated air enters the lower chamber. It starts to spin as it rises. Large drops of oil are removed first before final HEPA filtration. Self drain capability and oil return mean NOM filters are high capacity.

Discover the benefits of Nordfab Quick Fit Ducting

Save time and remove the need for specialist skills or equipment with Nordfab QF ducting.



The QF range is UK manufactured within a Nederman owned ISO-9001 accredited production facility in Leeds. QF ducting clips together in seconds and can be taken apart just as quickly - so maintenance, cleaning or alteration could not be easier.

Nordfab can supply a complete range of ducting products including customer specials.



Clipped ducting is quick and simple to install or take apart

Benches and Tables

Down Draught Benches

These **self-contained down draught benches** draw in and filter our airborne dust and fume. They require no installation and are ideal for applications such as sanding, de-burring, fettling or ingredient weighing.

Features include simple controls, pressure gauges, full filter indication, inverter controlled fan, pre and HEPA filtration and swivel / brake castors. They run on mains power and **achieve 99.9% filtration efficiency** with low noise levels.

These self-contained benches are **available in three sizes**. Please note that they are not suitable for potentially explosive atmospheres or in hot or spark generating processes.



Welding & Grinding Tables

The tables are available in three sizes and extract dust and fume created during welding and grinding operations. They offer great protection by drawing air both down and backwards. With sturdy design and easy installation, the tables also incorporate tool storage and a dust collection drawer for larger particles.

They can be used in explosive environments, subject to appropriate earth. The tables need to be connected to suitable fan and filter systems, they are not suitable for cutting.



Industries, market segments & applications

Many activities and processes create dust or fume including:

- Welding
- Soldering
- Sanding
- Grinding
- Polishing
- Machining
- Cleaning
- Chemical processes
- Mixing or measuring
- Running vehicle engines

Nederman keep operators safe and offer complete solutions for:

- Automotive workshops
- Welding, cutting and blasting
- Machining
- Plastics and composites
- Foundries
- Wood working

Capabilities

Nederman supports throughout customer projects for seamless solutions.

Consultation Design Installation Commissioning Training Aftersales

Installation

Nederman's in house projects division offer national coverage, CAD capability and fully employed installation specialists so they can be trusted to deliver turn-key customer projects. The projects division has the experience, accreditations and process controls to comply with Health & Safety legislation, COSHH and best practice guidelines like HSG258, bringing you peace of mind.



Aftersales

Nederman offer a complete range of support services throughout the UK including :

- Service and preventative maintenance
- Equipment repair or upgrades
- HSG258 guidance on system suitability
- Cost effective airflow indication, as recommended by HSG258
- LEV COSHH testing
- Managed solutions, through service reminders and maintenance contracts

Light dust and fume extraction

Nederman offer proven portable solutions that are ideal for extraction of weld fume.

FilterCart

Nederman's FilterCart is ideal for light welding and extraction applications. It's available in a range of model options.



- 110-115V or 230-240V power supply
 - 2m or 3m extraction arms
 - Work light
 - Remote fan switch
 - Filter indicator and warning (W3 regulations compliant)
 - Carbon filter for solvent fumes and vapours
- Optional extras include a spark arrestor and a HEPA filter for maximum efficiency



Weld Filter

Weld filter is a simple **weld fume extraction** unit that's ideal for light use or where space is limited.

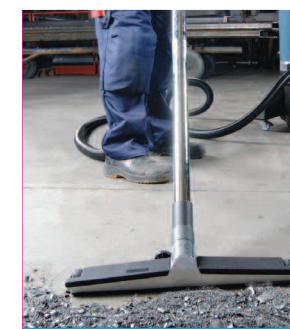
Features include cleanable long life filters, a low air flow warning alarm and service indication to notify the user when it's time clean the filter.

- Available in 110-115V, 230-240V or 400V three phase power supply
- Handy 3m extraction arms
- Single or twin arm option
- Optional spark protection



Benefits of high vacuum

High vacuum is an energy efficient and extremely versatile option. Dust collectors can be used for many different applications.



Cleaning



Sanding or grinding



Welding



Via nozzles

High vacuum dust collector 160

Cost effective portable high vacuum for on torch or on tool extraction as well as general workshop cleaning.



Suction blaster

This portable suction blaster gives a dust free process. Sand blasting is a highly effective way of removing rust, old paint or welding scale. It can improve more time consuming preparation techniques. The suction blaster can be supplied with nozzles for different profiles. It also recovers dust and separates blast media for re-use.



Portable high vacuum

High vacuum relies on high velocity but low volume air movement to capture dust and fumes at source and transport them safely away.

Nederman offer an exceptional range of portable vacuum extraction solutions for everything from general cleaning to handling challenging materials like swarf, granules, liquids, sludge or powders.

Portables can also be used for on tool dust and fume extraction. Nederman supply a wide range of shrouds, adaptors and attachments for compatibility with existing tooling.

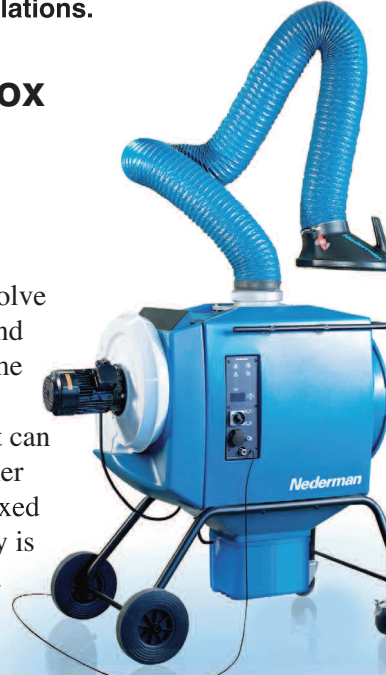


Heavier duty or installed dust and fume extraction

Nederman offer a wide range of products for regular use, heavier duty dust extraction and fixed installations.

FilterBox

FilterBox is versatile and durable enough to solve most dust and welding fume extraction problems. It can be used either mobile or fixed and capacity is expandable.



The choice of filter determines whether cleaning is via manual hand crank, semi-automated or monitored fully-automated compressed air jet cleaning.

The range of options makes it ideal for many applications, they include a choice of :

- Floor stand, trolley or wall brackets
- Fan to suit light or heavy dust loads
- The full range of 2m or 3m extraction arms (below)
- 110-115V, 230-240V or 400V 3 phase power
- Basic, standard or monitored filter units



Extraction Arms

Nederman extraction arms are a familiar sight throughout industry. The range and configuration options mean systems can be tailored for all applications. The extraction arms are flexible in all directions, self-supporting and can be rotated or tilted as required.

- Fix to walls, ceilings, extension arms or rails
- 2m – 3m arm lengths on all products and up to 5m on some
- Products for explosive or hygienic environments



Bench Top Extraction

Choose Nederman bench top systems for compact, unobtrusive, reliable extraction. They are used in a variety of industries. Examples include removing solder fumes on assembly lines, solvent fumes in the beauty industry and noxious gases from chemical laboratory processes.

Nederman bench top systems are versatile. They can be purchased as complete packages or individual items. The arms are flexible in all directions and can be mounted standing, hanging or wall fixed.



Kit includes extraction arm with hood or nozzle, quiet fan with speed control, filter, hoses, fixing bracket and installation guide. Hood options are available for explosive atmospheres (ESD/EX) or aggressive chemicals (CHEM).



Available with 1 - 3 x 32mm arms (850mm long)

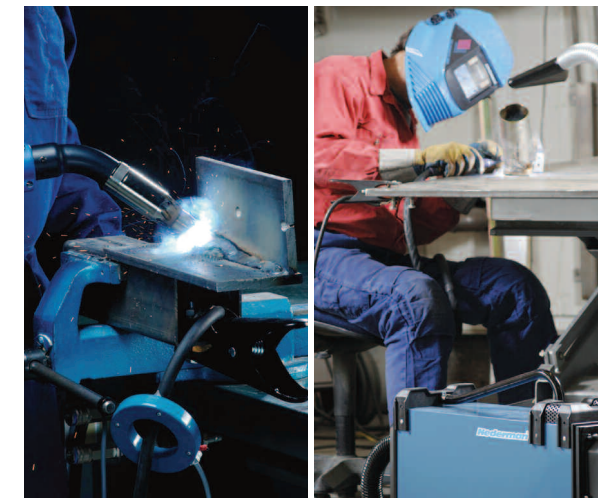


Available with 1 or 2 x 50mm arms (1,100mm long) or 1 x 75mm arm for higher airflow.

Fully portable off site fume extraction

Fume Eliminator

This compact portable unit is light enough to be carried to the working area.



It can be connected to a welding torch to capture fume at source or can be supplied with a range of suction hoods and nozzles.

Choose either the manual model or the automatic unit, which starts via a sensor ring when an arc is struck for maximum efficiency.

Portable Fans

Nederman's portable N series fans provide simple powerful ventilation for service, repairs or other temporary work. These fans will extract weld fume, steam, dust or can be used to blow fresh air when working in enclosed spaces.

Portable fans are supplied on a stand with castors available as an option. There is the choice of 110-115V or 230-240V power. Inlet and outlets are both Ø 160mm. Kits are available for weld fume and vehicle exhaust.

