

**Nederman**

# Extraction always at hand

Nederman FilterBench self contained draught table



# Ensure a healthy and productive working environment

## Nederman FilterBench in short

- Extraction and filtering of composite, plastic, fiberglass or wood
- Suitable for lighter processes such as sanding, deburring, finishing, fettling etc.
- Easy to use, move and maintain
- Extraction always at hand
- Available in four sizes
- Equipped with pressure gauge indicating when it is time to replace the filters

Do you work with composites, plastic, fiberglass or wood?

Lighter processes as grinding, de-burring, finishing and fettling of such materials create fine dust that might be a potential health risk for operators. If using the Nederman FilterBench as workbench the dust from these processes is captured effectively and thereby protecting your employees.

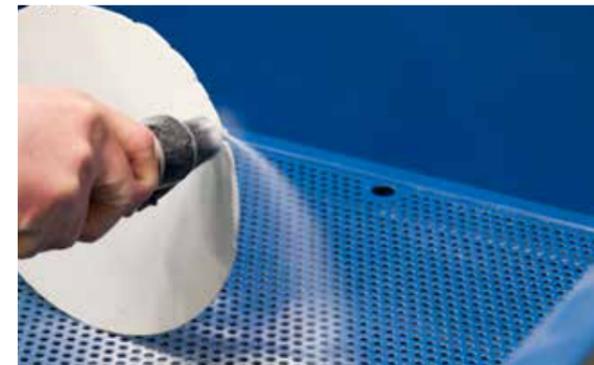
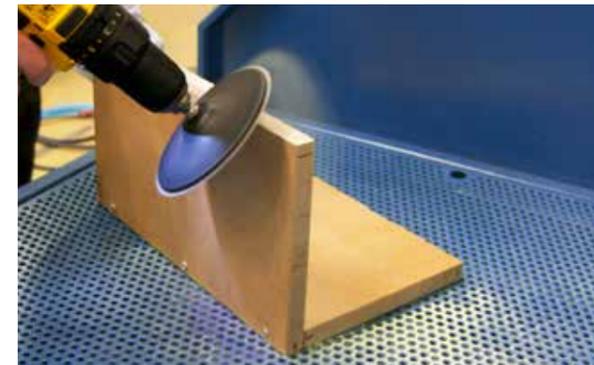
### Self contained downdraught table

The Nederman FilterBench is easy to use and move around within your workshop and thereby facilitating that extraction always is at hand.

The FilterBench fully complies with Health and Safety legislation HSG258 (controlling airborne contaminants at work).

### Easy to use, move and maintain

- Pre-filter (G4) and HEPA-filter (H13) included as standard, covering a wide range of applications.
- Optional: active carbon filter set (instead of HEPAfilter) in processes that require reduction of odours, removal of solvent fume or VOC (volatile organic compound), etc.
- Pressure gauges, complete with "filter full" indicators clearly indicating when it is time to replace filters.
- Simple on/off push button control making the product easy to understand and operate.
- Fan inverter included as standard making it possible to optimize air flow and minimize energy consumption.
- Castors with swivel and brake included as standard making the product easy and safe to move and position.



## How it works

1. The dust from the processing of items is extracted by the fan and passes through the ventilated worktop into the pre-filter for primary filtration.
2. Next the dust passes through the HEPA filter H13 so that submicronic particulates are effectively removed.
3. All dust is accumulated in the filters and can be disposed off.



The FilterBench is equipped with pressure gauges clearly indicating when it is time to replace the filters.

### The FilterBench shall not be used:

- In an environment with danger of explosion or for dust in explosive concentrations.
- For hot or spark generating processes, e.g. welding fumes, grinding of ferrous material.

# Nederman FilterBench

Available in four different sizes, covering applications from 2300 to 6900 m<sup>3</sup>/h.



FilterBench 46

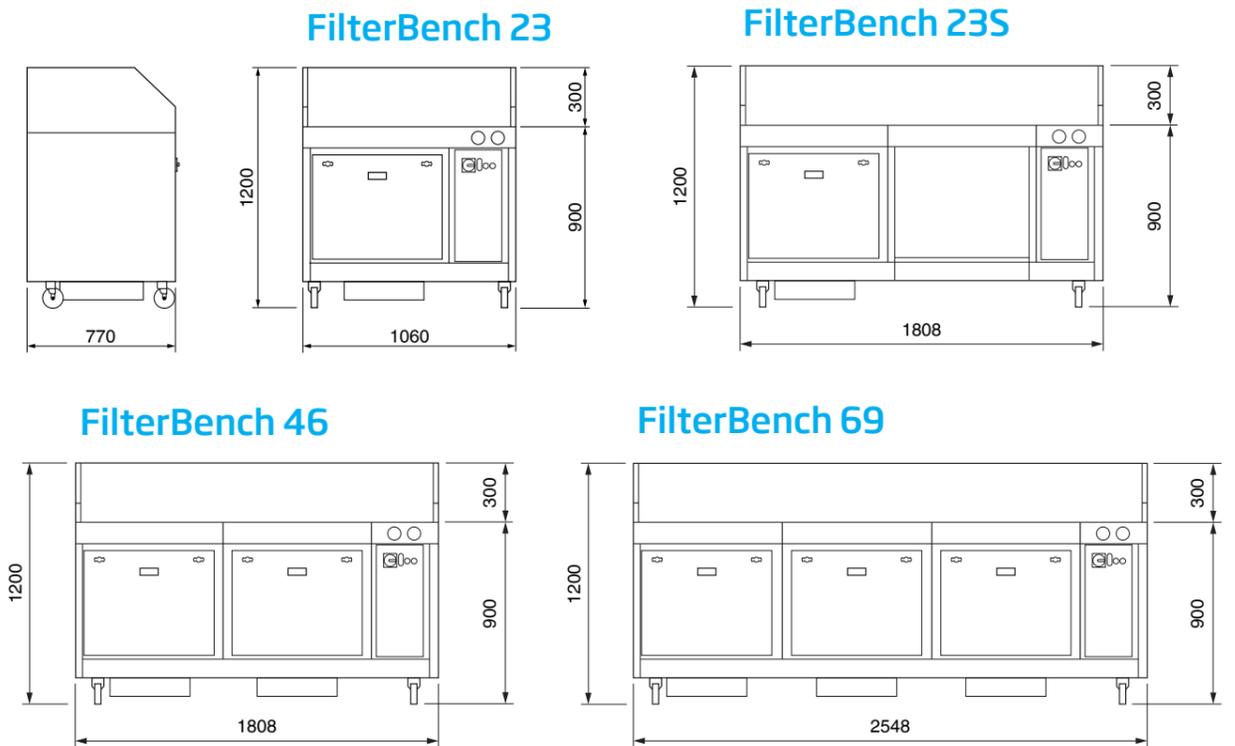
FilterBench 69



## Specifications

	FilterBench 23	FilterBench 23S	FilterBench 46	FilterBench 69
Filtration efficiency	99.9 %	99.9 %	99.9 %	99.9 %
Motor rating	500 W	500 W	2 × 500 W	3 × 500 W
Max airflow (free blowing)	2300 m <sup>3</sup> /h	2300 m <sup>3</sup> /h	4600 m <sup>3</sup> /h	6900 m <sup>3</sup> /h
Noise level based on EN ISO 11201	73,6 dB(A)	73,6 dB(A)	76,6 dB(A)	78,6 dB(A)
Power supply	230 V / 50/60 Hz / 1 ph	230 V / 50/60 Hz / 1 ph	230 V / 50/60 Hz / 1 ph	230 V / 50/60 Hz / 1 ph
Weight	230 kg	280 kg	340 kg	470 kg
Finish (colour)	5009	5009	5009	5009
Electrical plug	UK and EUR (CEE 7/7)			
Part no. with HEPA filter	73003030	73003029	73003031	73003032
Part no. with carbon filter	73000119	73000538	73000120	73000121
Max. load on table	40 kg	40 kg	80 kg	120 kg

## Dimensions



## Functional description



**Pre-filter**  
G4 pleated filter for efficient primary filtration



**Filter Gauges**  
0–500 Pa gauge (pre-filter) and 0–1000 Pa (HEPA filter) complete with "filter full" indicators.



**HEPA filter H13**  
To remove submicronic particulate with an efficiency of up to 99.9 %.



**On/off push button**  
With "power on" light.



**Fan**  
500 W high power backward curve centrifugal fan (230 V / 50/60 Hz / 1 ph).



**Warning light**  
Motor fault indicator.



**Filter Clamp Mechanism**  
Spring loaded roller bearing filter clamp mechanism with tubular handles for securing filter(s).



**Carbon filters system (8 pcs.)**  
(instead of HEPAfilter) with Colour-cell that changes colour with a change of carbon activity. Odour reduction, removal of solvent fume or VOCs, etc.



**Castors**  
Swivel and brake



**Inverter**  
Variable frequency drive control to regulate the operating speed of the fan (located behind electrical panel).

# Complete solutions that protect your environment



## Comprehensive product range

Nederman is a world-leading environmental technology company with solutions that take their origin in "capture-at-source", i.e. extraction of contaminants right at the point of creation. We filter, clean and recycle to create eco-efficient production in demanding industrial surroundings. Our offer includes individual products, engineering design, installation, commissioning and service. By continually adding new skills and solutions and expanding our geographic presence, we help our customers to develop their businesses both economically and ecologically.



Protect people,  
products, processes  
and the environment



## Extensive experience

For more than 70 years, Nederman has developed products and solutions to reduce the strain on the environment and protect people from harmful particles, fibres, dust, gas, smoke and oil mist. We have extensive experience in how to create a safe working environment. Our accumulated know-how is easily accessible when you plan a new facility or need to modernize existing operations.



## Worldwide presence

Nederman has a strong global presence in both sales and production. We have our own sales companies in 25 countries and distributors in more than 30 countries. Production is performed in 12 countries on five continents. In many countries, we also have a well-established service organization. By offering advanced service with high availability, Nederman helps customers to secure continuous, optimized production.

The image features a white banner in the top left corner with the Nederman logo. The background is a scenic photograph of a calm lake reflecting a dense forest of tall evergreen trees under a clear blue sky. The logo is in a bold, blue, sans-serif font.

# Nederman

Nederman is a world-leading environmental technology company. We filter, clean and recycle to create eco-efficient production in demanding industrial surroundings.

For more than 70 years, Nederman has developed, manufactured, and installed products and solutions to reduce the strain on the environment and improve working conditions in numerous industries.

Our products and systems have been ground-breaking in industries such as machining, metal fabrication, mining, automotive, composite manufacturing, food, pharmaceuticals, wood-working, and many others.