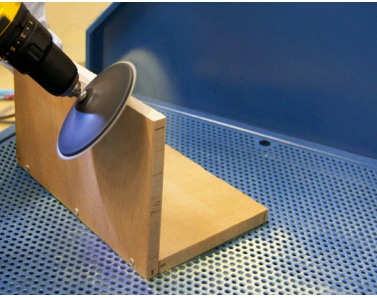


FilterBench for extraction and filtration of dust from materials like composite, plastic, fiberglass and wood



Nederman FilterBench

FilterBench

Self contained downdraught table

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

The FilterBench is used for extraction and filtering of dust from materials like composite, plastic, fiberglass and wood arising from lighter processes such as sanding, deburring, finishing, fettling, ingredient weighing etc.

Easy to use and always with extraction 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
- 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



Possibility to optimise airflow and minimise energy consumption.



Extraction always at hand.



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.

The FilterBench is available in three sizes



FilterBench 23

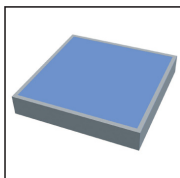


FilterBench 46

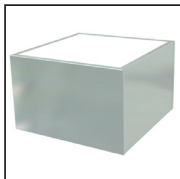


FilterBench 69

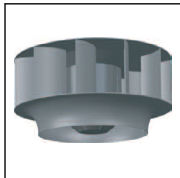
Functional description



Pre-filter
G4 pleated filter for efficient pre/primary filtration.



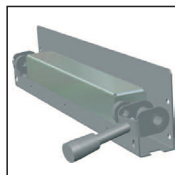
HEPA filter H13
To remove submicronic particulate with an efficiency of up to 99.9 %.



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



Castors
Swivel and brake.



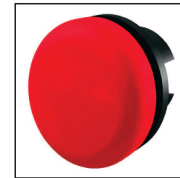
Filter Clamp Mechanism
Spring loaded roller bearing filter clamp mechanism with tubular handles for securing filter(s).



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



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



Warning light
Motor fault indicator.



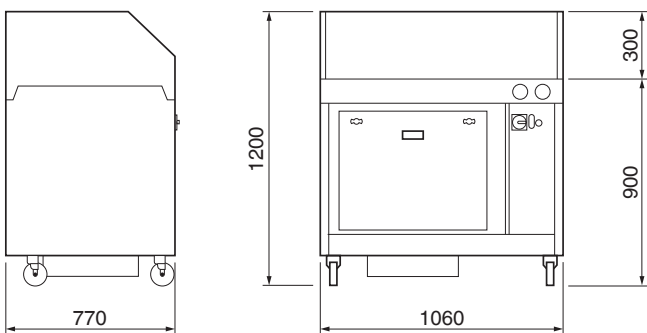
Inverter
Variable frequency drive control to regulate the operating speed of the fan (located behind electrical panel).

Technical Data

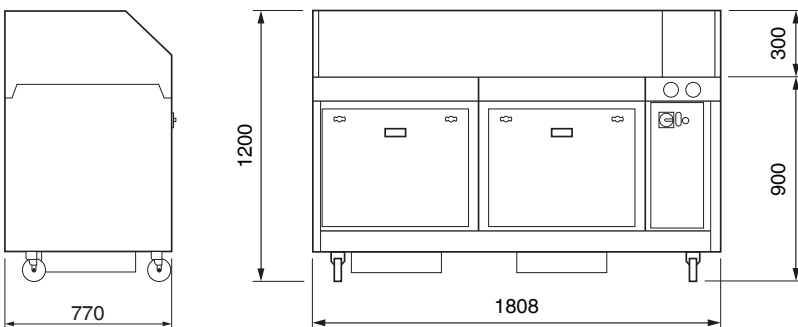
	FilterBench 23	FilterBench 46	FilterBench 69
Filtration efficiency	99.9 %	99.9 %	99.9 %
Motor rating	500 W	2 × 500 W	3 × 500 W
Max airflow (free blowing)	2300 m ³ /h	4600 m ³ /h	6900 m ³ /h
Noise level	68 dB(A)	68 dB(A)	68 dB(A)
Power supply	230 V / 50/60 Hz / 1 ph	230 V / 50/60 Hz / 1 ph	230 V / 50/60 Hz / 1 ph
Weight	180 kg	300 kg	450 kg
Finish (colour)	RAL 5009	RAL 5009	RAL 5009
Electrical plug	UK and EUR (CEE 7/7)	UK and EUR (CEE 7/7)	UK and EUR (CEE 7/7)
Part no.	12661145	12661245	12661345
Max. load on table	40 kg	80 kg	120 kg

Dimensions (mm)

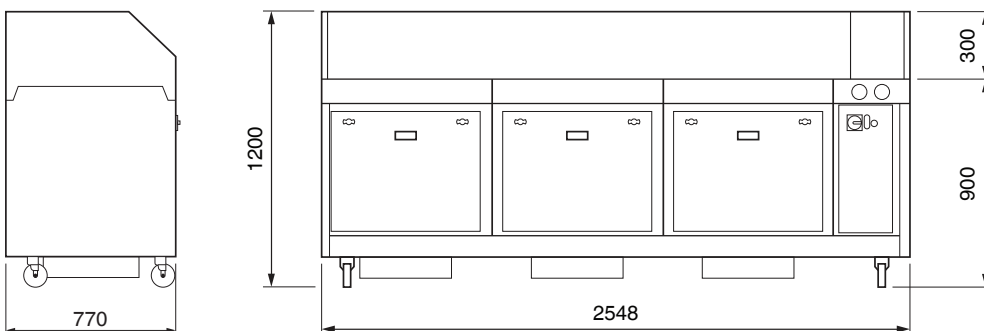
FilterBench 23



FilterBench 46



FilterBench 69



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