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

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

<table>
<thead>
<tr>
<th></th>
<th>FilterBench 23</th>
<th>FilterBench 46</th>
<th>FilterBench 69</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filtration efficiency</td>
<td>99.9 %</td>
<td>99.9 %</td>
<td>99.9 %</td>
</tr>
<tr>
<td>Motor rating</td>
<td>500 W</td>
<td>2 x 500 W</td>
<td>3 x 500 W</td>
</tr>
<tr>
<td>Max airflow (free blowing)</td>
<td>2300 m³/h</td>
<td>4600 m³/h</td>
<td>6900 m³/h</td>
</tr>
<tr>
<td>Noise level</td>
<td>68 dB(A)</td>
<td>68 dB(A)</td>
<td>68 dB(A)</td>
</tr>
<tr>
<td>Power supply</td>
<td>230 V / 50/60 Hz / 1 ph</td>
<td>230 V / 50/60 Hz / 1 ph</td>
<td>230 V / 50/60 Hz / 1 ph</td>
</tr>
<tr>
<td>Weight</td>
<td>180 kg</td>
<td>300 kg</td>
<td>450 kg</td>
</tr>
<tr>
<td>Finish (colour)</td>
<td>RAL 5009</td>
<td>RAL 5009</td>
<td>RAL 5009</td>
</tr>
<tr>
<td>Electrical plug</td>
<td>UK and EUR (CEE 7/7)</td>
<td>UK and EUR (CEE 7/7)</td>
<td>UK and EUR (CEE 7/7)</td>
</tr>
<tr>
<td>Part no.</td>
<td>12661145</td>
<td>12661245</td>
<td>12661345</td>
</tr>
<tr>
<td>Max. load on table</td>
<td>40 kg</td>
<td>80 kg</td>
<td>120 kg</td>
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</table>

Dimensions (mm)

<table>
<thead>
<tr>
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<th>FilterBench 69</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1200 x 900 x 300</td>
<td>1808 x 900 x 300</td>
<td>2548 x 900 x 300</td>
</tr>
</tbody>
</table>

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