

Decontamination Demolition Construction Reconstruction

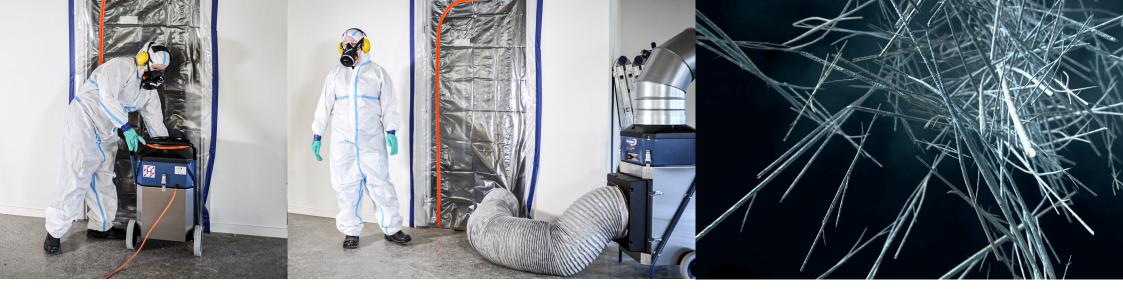
Dustcetre

Dustcontro

# Safe Asbestos Removal







Abestos fibres are invisible to the eye. Dustcontol have many safe options for preventing these asbestos fibres from entering the lungs.

# Why Asbestos fibres are so dangerous?

Asbestos was a widely used isolation material in the 1950-1970s, which later has been found out to be highly hazardous. A huge industry has been built around the removal of asbestos. As asbestos is a highly hazardous material, it must be removed with caution, and absolutely not with whatever kind of equipment and is available or with lack of protection. Contact us for a safe solution guide!

#### How hazardous is asbestos fibres?

If there is a risk that asbestos fibres may be released in the air, then they must be captured at their point of escape or their source, then disposed of without any hazard for persons or the environment. We know how to prevent these dangerous particles from entering your lungs!

## The smaller size of the particles – the more dangerous

Particles with diameters between 0.1-3  $\mu$ m are the most critical for the lungs. A large part of these will be stored in the lungs if inhaled. Quartz, Asbestos, PCBs and Cobalt are examples of hazardous and carcinogenic substances

with very small dust particles that stay suspended in the air in many workplaces. The asbestos fibres must be captured at their point of escape or their source, then disposed of without any hazard for persons or the environment. If complete capture is not possible, then additional state-of-the-art ventilation measures must be put in place.

#### Best practice after asbestos operations

Once work has been completed, tools, including suction lines, working materials and the work area must be cleaned carefully. Any items contaminated with asbestos fibres that cannot be cleaned satisfactorily must be wetted and disposed of correctly. After cleaning, the working area must be sufficiently ventilated.



# Special requirements for industrial dust extractors

Extracted air must be carried or cleaned in such a way that asbestos fibres cannot enter the air breathed in by other workers. Any dust generated must be transported in dust tight containers. Refilling these containers is not permitted. The asbestos fibre content of the air discharged into the open air must not exceed 1000 F/m<sup>3</sup>.





# DC Tromb Turbo VFD Asbestos

### **Technical data**

| HxWxD [mm/in]                   | 1390x600x840/55x23x33 |
|---------------------------------|-----------------------|
| Weight [kg/lb]                  | 96/212 92/203 94/207  |
| Collection container [l/gal]    | 40, 20, Longopac      |
| Flow max, fan, EU [m³/h]        | 400/235               |
| Negative pressure, max, EU [kPa | ] 30/120              |
| Power Frequency Converter[kW]   | 4                     |
| Power Turbopump[kW]             | 2.2                   |
| Sound level [dB(A)]             | 84                    |
|                                 |                       |

#### Supplied with (Part No)

Suction hose, antistatic, 5 m/16 ft (Ø50 mm /2") (2013) Floor nozzle B500 mm/19.7" (7238) Suction pipe (Ø50 mm/2") (7265) Connecting sleeve (2129) Coupling socket (2008) Fine filter, polyester (44017) HEPA H13 filter (44016)

#### Collecting variations:

a-model, 5 x plastic bags (42285) c-model, Intellibag,10 x roll (43619) L-model, Longopac Mini Superstrong 4 x 23 m (432177)

#### Part No DC Tromb Turbo VFD Asbestos

| 176000 | а | VFD 2.2KW/4HP, EU |    |
|--------|---|-------------------|----|
| 176100 | С | VFD 2.2KW/4HP, EU | _  |
| 176200 | L | VFD 2.2KW/4HP, EU | 3- |



## **Three-Phase Dust Extractors**

#### We are expanding our Asbestos-line

of dust extractors with 3 new machines: DC Tromb Turbo VFD Asbestos. This solution is especially developed for asbestos dust extraction that demands long operation times in large construction sites. And with a Longopac solution in this powerful dust extractor you have everything you need for a safe and efficient operation. If you require exra long hose lenght for your asbestos operations, DC Tromb Turbo VFD Asbestos is the best choice. This powerful machine can be ordered with different selection of collection containers:

a) Steel container c) Plastic bag – Intellibag L) Longopac

All models are certified by the German occupational safety institute IFA. The DC Tromb H c/L Turbo VFD Asbestos variants are fitted with a protective enclosure for the safe handling of asbestos waste. This protects the plastic discharge bag or the Longopac liner. The machines are tested and certified according to:

- IEC 60335-1
- IEC 60335-2-69, 22. Annex AA
- TRGS 519



DC Tromb Turbo VFD Asbestos with container Part No 176000





#### Technical data DC Tromb 400 H Asbestos a/c/L

| HxWxD [mm/in]  | 1415x600x780 / 56x23x31          |
|--|----------------------------------|
| Weight [kg/lb]   | a) 51/112 c) 46/101 L) 50/110    |
| Hose length Ø38 mm /1.5" [m/ft]  | 5/16                             |
| Collection container [l/gal]   | a) 40/10,6 c) 20/5,3 L) Longopac |
| Flow max, fan, EU [m³/h]<br>Flow max, fan, UK 115V/230V [m³/h]<br>Flow max, fan, US/CAN 115V [cfm] | 393<br>393<br>231                |
| Negative pressure, max, EU/UK [kPa]<br>Negative pressure, max, US/CAN [inwg]                       | 21/24<br>84/96                   |
| Power 115V/230V [W]  | 3000                             |
| Sound level [dB(A)]  | 70                               |
|  |                                  |

#### Supplied with (Part No)

Connecting sleeve (2129) Coupling socket (2008) Suction hose antistatic (Ø50 mm /2") 5 m/16 ft (2013) Floor nozzle B500 mm /W19.7" (7238) Suction pipe (Ø50 mm /2") (7265) Air filter (44034) Fine filter, polyester (44017) HEPA H13 filter (44016) 5 x Plastic bags (42285) (A) Plastic bags, 10 pcs, 20 I (43619) (C) Longopac Mini Superstrong, 4x23 m (432177) (L)

#### Part No DC Tromb 400 H Asbestos

175000a230V3000W, EU175003a230V2600W, UK175008a230V3000W, CH175100c230V3000W, EU175200L230V3000W, EU175000a230V3000W, EU



## **Single-Phase Dust Extractors**

#### The DC Tromb 400 H Asbestos is our most powerful 1-phase dust extractor up to now. It is designed to cope with both the

**up to now.** It is designed to cope with both the demands for a clean and healthy working environment and handheld power tools which are more effective than ever. The dust extractor also enables the user to work without unneccessary interruptions – it tackles up to 400 m<sup>3</sup>/h. The dust extractor has been DGUV tested and approved by IFA (Institute for Occupational safety of the German Statutory Accident Insurance).

The DC Tromb is not just powerful, robust and effective but also versatile and all-round. It can handle all kinds of fine dusts and materials created on a construction site created from cutting concrete, sanding, grinding or drilling floors or walls as well

with container

Part No 175003

as dust from many other industrial factory processes. The machine can be connected to floor grinders and handheld tools like cutting machines, chisel hammers and saws. Due to its compact design the DC Tromb is also easy to move and transport.

As standard the machine is equipped with a patented self-cleaning filter (washable polyester) and a H13-filter built to be Application Class H. A signal lamp shows when it is time to clean the filter.

The DC Tromb Asbestos H C/L variants are fitted with a protective enclosure for the safe handling of asbestos waste. This protects the plastic discharge bag or Longopac liner.



DC Tromb 400 H Asbestos with Longopac Part No 175200 DC Tromb 400 H Asbestos with Intellibag Part No 175100

## **Single-Phase Dust Extractors**

The DC 1800 and DC 2800 H Asbestos complies with the most stringent requirements and is IFA\* certified. Asbestos is a known cancer causing material that should be removed with caution. The dust extractor is equipped with an antistatic hose, a plug for the cyclone inlet, plastic bags and various safety features.

# DC 1800 H Asbestos

#### Supplied with (Part No)

Suction hose antistatic (Ø38 mm /1.5"), 5 m /16 ft (2012) Coupling socket (2108) Floor nozzle B370 mm /W17" (7235) Suction pipe Ø38 mm /1.5" (7257) 10 x plastic bags (42285) Bag support frame (42369) Motor cooling filter kit (432183) Fine filter, polyester (42028) HEPA H13 filter (42027) Inlet plug (42250)

#### Part No DC 1800H Asbestos





| HxWxD [mm/in]  | 740x380x380/429x15x15 |
|--|-----------------------|
| Weight [kg/lb]   | 14/31                 |
| Hose length Ø38 mm /1.5" [m/ft]  | 5/16                  |
| Collection container [l/gal]   | 20/5.3                |
| Flow max, fan, EU [m³/h]<br>Flow max, fan, UK 115V/230V [m³/h]<br>Flow max, fan, US/CAN 115V [cfm] | 205<br>205<br>126.5   |
| Negative pressure, max, EU/UK [kPa]<br>Negative pressure, max, US/CAN [inwg]                       | 21/24<br>84/96        |
| Power 115/230V [W]   | 1340/1285             |
| Sound level [dB(A)]  | 68                    |
|  |                       |

\*The dust extractor has been DGUV tested and approved by IFA (Institute for Occupational safety of the German Statutory Accident Insurance).



### Technical data DC 2800 H Asbestos

| HxWxD [mm/in]  | 1110x440x550/43x17x21 |
|--|-----------------------|
| Weight [kg/lb]   | 19/42                 |
| Hose length Ø38 mm /1.5" [m/ft]  | 5/16                  |
| Collection container [l/gal]   | 40/10.6               |
| Flow max, fan, EU [m³/h]<br>Flow max, fan, UK 115V/230V [m³/h]<br>Flow max, fan, US/CAN 115V [cfm] | 205<br>205<br>126.5   |
| Negative pressure, max, EU/UK [kPa]<br>Negative pressure, max, US/CAN [inwg]                       | 21/24<br>84/96        |
| Power 115/230V [W]   | 1340/1285             |
| Sound level [dB(A)]  | 68                    |

# DC 2800 H Asbestos

#### Supplied with (Part No)

Connecting sleeve (2114) Coupling socket (2108) Suction hose antistatic (Ø38 mm /1.5") 5 m /16 ft, (2012) Floor nozzle B370 mm /W17" (7235) Suction pipe (Ø38 mm /1.5") (7257) 5 x plastic bags (42285) Motor cooling filter kit (432183) Fine filter, polyester (42028) HEPA H13 filter (42027) Inlet plug (42250)

#### Part No DC 2800 H Asbestos

| 121000-2<br>121013-1 | 230V, EU<br>115V, UK |            | WARMING<br>CONTAINS<br>ADDESTED |  |
|----------------------|----------------------|------------|---------------------------------|--|
| 121003-1             | 230V, UK             | 1-phase CO | Territoria                      | staatsastaata popula<br>toosa atta sajad ta<br>daat tahtaaga<br>gaala jaadaata |



#### H-Classified for a reason.

The filter systems in all mobile Dustcontrol dust extractors are built to comply with the EN 60335-2-69. Annex AA. H-class.



44017

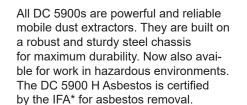




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## **Three-Phase Dust Extractors**

# DC 5900 H Asbestos





#### 4 kW Supplied with (Part No)

Coupling socket (2107) Coupling socket (2008) Suction hose antistatic (Ø50 mm /2") 7.5 m /22 ft (2013) Floor nozzle B 500mm /W 19.7" (7238) Suction pipe (Ø50 mm /2")(7265) Plastic bag (46141) Fine filter, polyester (4292) HEPA H13 filter (42869) Container 75 I /19 US gal (7368) Fine filter, polyester, 9.2 kW S (4292) Fine filter, polyester, 9.2 kW P (429204) HEPA H13 filter (42807)

#### Part No DC 5900 H Asbestos

9.2 kW P & S Supplied with (Part No)

 119370
 400V /4 kW 50 Hz

 119350
 400V /9.2 kW P 50 Hz

 119360
 400V /9.2 kW S 50 Hz

| Technical data                           | 4 kW                   | 9.2 kW P               | 9.2 kW S               |
|--|------------------------|------------------------|------------------------|
| HxWxD [mm/in]                            | 1940x780x1160/76x30x45 | 1940x780x1160/76x30x45 | 1940x780x1160/76x30x45 |
| Weight [kg/lb]                           | 176/388                | 210/462                | 210/462                |
| Collection container [l/gal]             | 75/19.8                | 75/19.8                | 75/19.8                |
| Flow max, fan, EU [m³/h/cfm]             | 470/353                | 800/471                | 500/294                |
| Negative pressure, max, EU<br>[kPa/inwg] | 28/112                 | 28/112                 | 40/160                 |
| Power [kW]                               | 4                      | 9.2                    | 9.2                    |
| Sound level [dB(A)]                      | 75                     | 7                      | 75                     |

\*The dust extractor has been DGUV tested and approved by IFA (Institute for Occupational safety of the German Statutory Accident Insurance).

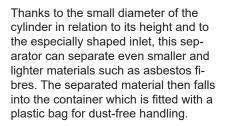


## **Dustcontrol Pre-Separator**



A Pre-Separator takes the strain off the main filter of the dust extractor or the central vacuum system. The Pre-Separator guarantees consistently high suction power throughout the work process.

# DCF Mobile With Cyclone



#### Technical data DCF Mobile with cyclone

| Container volume [l/gal]   | 95/25.1                    |
|----------------------------|----------------------------|
| Height [mm/in]             | 900/35.4 (without cyclone) |
| Height [mm/in]             | 1650/65 (with cyclone)     |
| Container diameter [mm/in] | 440/17.3                   |
| Weight [kg/lb]             | 30/66 (without cyclone)    |
| Weight [kg/lb]             | 35/77 (with cyclone)       |
| Inlet/Outlet Ø [mm/in]     | 76/3                       |
| Air flow [m3/h / cfm]      | 100-500/59-294             |

#### Accessories (Part No)

4714 Collecting Bag, 50 pcs for Pre-Separators 7074 and 7097



#### QR Code for more info.

Scan this QR code and get more info about the DC Tromb Turbo models; vidoes, guidelines and much more.



#### Healthy Business since 1972.

Dustcontrol AB is a Swedish company with a team originating from more than 20 countries! We have 5 subsidiaries and 40 resellers worldwide.

# Bustcontro

www.dustcontrol.com