

TROMB

TURBO

3-Phase



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Various option for concrete floor grinding with Dustcontrol. Above you see a pre-separator DCF Storm L with the 3-phase dust extractor DC Storm 500 C.



On this construction site a single-phase DC Tromb Twin LC is used for dust extraction accompanied with an air cleaner DC AirCube 1200.

The challenge with grinding concrete

How hazardous is the dust?

Various airborne and respirable types of dust can cause serious damage to the health. Silica dust can lead to silicosis (pneumoconiosis), lung cancer, and a new study also revealed an increased risk of bladder cancer. Respirable dust denotes dust particles with a size of less than 5 μm . They find their way into the lungs, where they cause damage. These particles are the most dangerous and are also more difficult to remove than larger particles.

A wide range of solutions!

We know that floor grinding is a challenging task, for you and for your machines. That is why we are concentrating on solutions to guarantee that our dust extractors are ergonomic, easy

to move around and capable of being transported in a smart way from site to site. Bag replacement must be easy and as dust-free as possible. Our pre-separators save you time and extend the service life of your existing dust extractors.

Large quantities of dust.

Floor grinding represents one of the most challenging applications for source extraction. The grinding discs used on floor grinders are highly abrasive and generate large quantities of fine dust. This requires a dedicated emphasis on filter technology, including the filter area, filter structure and filter cleaning.

How to reduce the load of the filter.

The use of a Teflon-coated filter cartridge reduces considerably the load on the filter with the collected dust falling off easily. Reasonable cleaning intervals can be achieved in conjunction with high-efficiency filter cleaning. Failure to meet these requirements will make the dust extractor difficult to operate, with the suction reduced to none after only few minutes of use due to the filter element being completely clogged. Floor grinding also places great demands in terms of how the separated material is handled.

Contact us for guidance in a safe solution!

Select a collection container

Dustcontrol's dust extractors and pre-separators can be ordered with different selection of collection containers. The letters below describe which collection container that is available for the machine. For our twin models we use a combination; LL, AA and etc.

A With **Container**

A steel container is preferable when soaking up sharps objects such as metal shavings or very light materials such as wood dust. Container size adapted to the machine.

C With **Bag**

Dustcontrol has spent many hours on to produce a plastic bag that holds the measure and fulfills our ambition for a dust-free working climate. That work has led to Intellibag – a plastic bag for a dust-free change.

L With **Longopac**

The Longopac bag cassette is hygienic and smart as changing and closing the bag takes place from the outside of the bag, this means that the user avoids contact with the waste.

Which machine should you choose?

The size of the dust extractor and associated pre-separator depends on the size of the floor grinder you use.

Surface area of the grinder

Under 500 mm

Between 500-700 mm

Over 700 mm

Dust Extractor

DC Tromb 400, DC Tromb Turbo Twin

DC Storm 500

DC Storm 700, DC 5900



DC Tromb Turbo Twin

The DC Tromb Turbo Twin is the long-awaited successor to the DC 3900 Turbo Twin. This powerful and robust dust extractor offers outstanding performance and is ideal for demanding situations. With innovative features, it is designed to meet and exceed dust separation challenges.

Handles various dust types in many different areas and industries, including hazardous particles such as silicon, cobalt, glass fibre and carbon fiber. And the most important task – it reduces the risk of hazardous particles in the air, creating a safer working environment for workers.

Product Numbers *

173320 DC Tromb Turbo Twin AA 2.2kW, EU

173340 DC Tromb Turbo Twin LL 2.2kW, EU



DC Tromb Turbo Twin AA with a container.
Prod No 173320

A New Dust Extractor for Heavy Applications

Technical data

HxWxD [mm/in]	1415x600x 380/56x24x54
Weight [kg/lb]	A) Container 112/247 L) Longopac 112/247
Collection container [l/gal] *	A) 40/10.6 L) Longopac
Flow max, fan, EU [m³/h]	249
Negative pressure, max, EU [kPa]	29
Power [kW]	2.2
Sound level [dB(A)]	72

* We also provide models for the Non-EU markets and models with different output options: CC, LA, for example. DC Tromb Turbo Twin - VFD variant is also available upon request. Please contact your nearest reseller for any requests you may have.

Here's why the DC Tromb Turbo Twin is the obvious choice for various applications. Some examples:

Heavy concrete grinding: DC Tromb Turbo Twin is optimal for heavy concrete grinding, where dust production can be at a high level. The built-in pre-separator plays a crucial role by effectively separating up to 80-90% of the coarse particles from the dust, which reduces the load on the main filter and extends its life.

Engineering industry: In the engineering industry, effective management of dust and harmful particles is essential for the health of workers and the long-term performance of machines.

Construction: In the construction and engineering industry, handling dust is a constant challenge. DC Tromb Turbo Twin is a reliable partner that ensures a healthier working environment and reduces the risk of respiratory problems in workers.

Supplied with (Part No)

3-phase 

Suction hose set, antistatic, 7 m /23 ft: 5 m /16 ft (Ø50 mm /2") and 2 m /6.5 ft (Ø38 mm /1.5") (2126)

Floor nozzle B450 mm (7236)

Suction pipe (Ø38 mm /1.5") (7257)

Connecting sleeve (2115)

Coupling socket (2107)

Fine filter, polyester (44017)

HEPA H13 filter (44016)



New DC Tromb Turbo Twin

Meet Dustcontrol's New Powerful Machine - DC Tromb Turbo Twin. Perfect for concrete grinding. Modularity, Ergonomity and Flexibility in one machine! See example below with a Longopac solution!

Sturdy chassis

A more robust design

Filter cleaning indication lamp

Handles concrete, dust and other material with the highest efficiency

Lockable and puncture-proof wheels

Easier filter change procedure

Ready to use, shutter valve pre-fitted

No risk of slurry in the motor packaging

Equipped with a H13-filter and a washable polyester filter




DC Tromb Turbo Twin LL with a Longopac collection.
Prod No 173340

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DC Tromb Turbo

The **DC Tromb Turbo with direct start** is a medium sized dust extractor that expands the Tromb family. It is equipped with a powerful three-phase turbo motor which is suitable for heavy cleaning (38 mm/1.5" accessories) and is delivered with 7 m hose. Suitable for source extraction from medium sized power tools such as grinders, jack hammers and saws. Thanks to the tall cyclone, large filters and powerful motor package, it can handle large amounts of debris. You have three options for a collection container: A (steel container), C (plastic bag) or L (Longopac).

The **DC Tromb Turbo is also available with a frequency inverter (VFD)**. This model gives 50% more Hepa filter area than its predecessor. You are now able to customise the machine for a variety of tasks: From dust removal during polishing of glassfibre, carbon fibre and epoxy with a hand-held sander – to dust removal for larger floor grinding. New safety features such as overheating protection is added. With the semi automatic filter cleaning and quick coupling for filter change, this machine gets the job done. Select between a collection container: A (steel container), C (plastic bag) or L (Longopac).

 The **DC Tromb Turbo EX for ATEX zone 22**. This is a medium sized dust extractor that expands the Tromb Family. It is equipped with a powerful three-phase turbo motor suitable for heavy cleaning (38 mm/1.5" accessories) and is delivered with 7 m hose. It is certified to IP65 standard, ATEX zone 22 (conductive dust). Our DC Tromb Turbo Ex is equipped with a steel collection container.

More dust free solutions by Dustcontrol



DC Tromb Turbo with **Direct start**



DC Tromb Turbo with **VFD** (Frequency Inverter)



DC Tromb Turbo **EX** for ATEX zone 22



Select from one of three collection containers



Plastic Bag (C)



Steel Container (A)



Longopac (L)

DC Tromb Turbo – Direct start

Technical data

HxWxD [mm/in]	1415x600x840/56x23x33
Weight [kg/lb]	A) Container 88/194 C) Bag 84/185 L) Longopac 86/190
Collection container [l/gal]	A) 40/10.6 C) 20/5.3 L) Longopac
Flow max, fan, EU [m ³ /h]	260
Flow max, fan, US/CAN [cfm]	186
Negative pressure, max, EU [kPa]	28
Power [kW]	2.2
Sound level [dB(A)]	72

Supplied with (Part No)

Suction hose set, antistatic 7 m /23 ft:
5 m /16 ft (Ø50 mm /2") and 2 m /6.5 ft (Ø38 mm /1.5"), (2126)
Connecting sleeve (2114)
Coupling socket (2107)
Suction pipe (Ø38 mm /1.5") (7257)
Floor nozzle B450 mm /W 17.7" (7236)
Fine filter, polyester (44017)
HEPA H13-filter (44016)
A-model 5 x plastic bags (42285)

173500	A 2.2kW, EU
173100	C 2.2kW, EU
173300	L 2.2kW, EU
173502	A 4hp 460V /60Hz, US
173102	C 4hp 460V /60Hz, US
173302	L 4hp 460V /60Hz, US
173107	C 4hp 600V /60Hz, CAN

DC Tromb Turbo – VFD

Technical data

HxWxD [mm/in]	1415x600x840/56x23x33
Weight [kg/lb]	A) Container 88/194 C) Bag 84/185 L) Longopac 86/190
Collection container [l/gal]	A) 40/10.6 C) 20/5.3 L) Longopac
Flow max, fan, EU [m ³ /h]	260
Flow max, fan, US/CAN [cfm]	186
Negative pressure, max, EU [kPa]	28
Power [kW]	2.2
Sound level [dB(A)]	72

Supplied with (Part No)

Suction hose, antistatic 5 m /16 ft (Ø50 mm /2"), (2013)
Suction pipe (Ø50mm /2") (7265)
Connecting sleeve (2129)
Coupling socket (2008)
Floor nozzle B500 mm /W 19.7" (7238)
Fine filter, polyester (44017)
HEPA H13 filter (44016)
A-model 5 x plastic bags (42285)

173400	A 2.2kW, EU
173000	C 2.2kW, EU
173200	L 2.2kW, EU

DC Tromb Turbo – EX

Technical data

HxWxD [mm/in]	1415x600x840/56x24x33
Weight [kg/lb]	Container 88/194
Collection container [l/gal]	40/10.5
Flow max, fan, EU [m ³ /h]	260
Negative pressure, max, EU [kPa]	28
Power [kW]	2.2
Sound level [dB(A)]	72

Supplied with (Part No)

Suction hose (Ø38/50 mm 1.5"/ 2"), 2 m /6.5 ft (2027), 5 m /16 ft, (2028)
Suction pipe (Ø38 mm /1.5") (7257)
Floor nozzle, antistatic, B450 mm /W 17.7" (7236E)
Fine filter, antistatic, polyester (44017-1)
HEPA H13-filter (44016)

173700	A 2.2 kW 400V /50Hz, EU
173702	A 4hp 460V /60Hz, US/CAN



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.



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.

DC Tromb Turbo Twin!



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