



Construction Vacuums for Floor Grinding

Floor grinding is definitely one of the toughest application areas for a construction vacuum cleaner. Large amounts of very fine dust are generated every minute. This means that high demands are made on the filters and the equipment used to collect the dust. The new DC 5800a PTFE model has been created to give optimal performance when used for floor grinding. The special filter set with PTFE has very good resistance to fine dust. The dust is collected in a 90 litre container equipped with wheels for easy transport and disposal. The equipment can also be complemented with a separate pre-separator mounted on a standard 200 litre barrel. The 200 litre barrel is not supplied by Dustcontrol.



Formula I For Construction Vacuums



DC 5800a PTFE

Part No. 116701 with Container

Part No. 116601 with Plastic Sack

The DC 5800a PTFE is a further development of the DC 5800c specially adapted to handle the large amounts of concrete dust produced during floor grinding.

The machine is equipped with a 5 m² PTFE filter and antistatic hose. Collection is in a 90 litre container with a plastic sack or collection into a standard sack with no container. Filter changes have been made easier and two extra caster wheels have been added to the chassis for increased moveability.

Cyclone separator cover

Part No. 7367

When large amounts of dust are produced the DC 5800a PTFE can be complemented with a cyclone separator cover mounted directly onto a 200 litre standard barrel. The 200 litre barrel is not supplied by Dustcontrol.

Cyclone separator cover



200 litre standard barrel (not supplied by Dustcontrol)



DC 5800a PTFE



When emptying the container it is removed away from the machine and stands alone on three wheels. After the container has been moved it can easily be tipped to let the dust fall out.

TECHNICAL DATA

DC 5800a PTFE

HxWxL (mm)	1920x760x1050
Weight	ca 180 kg
Inlet	Ø 76mm
Hose length	5-30 m
Flow, max	470 m ³ /h
Power consumption	5 kW
Negative pressure, max	28 kPa
Filter area fine filter	5 m ²
Degree of separation (DIN 24184/3)	> 99,9%
Filter area microfilter	2.5 m ²
Degree of separation microfilter (DOP)	> 99,97%
Collecting sack	50 l
Sound level	75 dB(A)

Cyclone separator cover

Height (mm)	580
Cyclone diameter	Ø 250 mm
Barrel diameter	Ø 620
Weight	approx. 10 kg
Inlet/outlet	Ø 76mm

Dustcontrol AB, Kumla Gårdsväg 14, SE-145 63 Norsborg, Tel 08-531 940 00, Fax 08-531 703 05, Email support@dustcontrol.se, Internet www.dustcontrol.com

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