



Bona DCS 50

Dust Containment System

Portable dry and wet vacuum



Powerful and versatile industrial vacuum cleaner developed to handle both very fine and health hazardous dust while being possible to convert to a wet vacuum in a minute. Bona DCS 50 is an excellent companion whether you are sanding wood floors or renovating resilient flooring. Efficient fully automatic filter cleaning which ensures sustained high suction power. Large wheels for good maneuverability and foldable handle for easy transport.

- Certified filtration efficiency of 99,9% (M class)
- Efficient fully automatic filter cleaning
- Approved for vacuuming hazardous dusts like silica and wood
- Drain hose for convenient disposal of liquids
- Power outlet with auto-start function
- Integrated storage for accessories



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TECHNICAL DATA

Weight:	19 kg
Dimensions:	640 x 370 x 1045mm
Collection capacity (bag):	51 liter
Fluid filling quantity:	35 liter
Dust bag:	Fleece filter bag art. no. AS3628893540
PE-Bag:	PE-Bag 1pcs.5 Bags no. AS3628893530
Nominal Power:	1200 W, 230V, 50/60Hz 6A
Maximum Power:	1380W,230V,50/60Hz
Sound pressure level:	dB(A) 69
Filter:	PES
Dust Class:	Class M (EN 60 335-2-69)
Hose aperture:	35 mm in diameter
Length of hose:	5 m

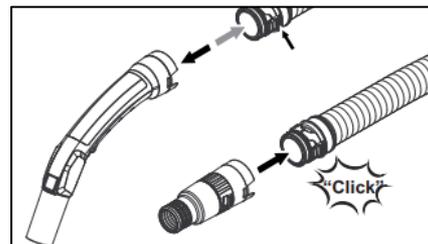
For further technical data, please see the machine manual

PREPARATION

- Make sure that the collection container is empty and that the pre-filter is correctly fitted. Check that the filters of the machine are intact and unharmed.
- Check the cable for damage. Connect the cable to a 230 V power socket which should have at least a slow fuse of 6 A. And for your own safety always use an earth leakage circuit breaker.

Connect the vacuum hose to the DCS 50 and the other end to the preferred sanding machine or to the suction tube. Connect the sanding machine's power cord to the DCS 50 if auto-start is preferred.

Bona DCS 50 can be used with machines with a power rating of up to 2200 W.



DIRECTIONS FOR USE

When the machine has been correctly assembled and connected it can be switched on and off by using the start button. Observe that the machine is equipped with an alarm system which registers low air flow. When using handheld power tools, we recommend using the Air Flow Control. Open the Control to secure that the Airflow is sufficient.

Bona DCS 50 is equipped with a power outlet with automatic start/stop. The vacuum cleaner will start once the connected sanding machine or other electrical tool is switched ON and similarly stop (with delay) when switched OFF. The automatic start/stop is activated by turning the start button to position N° 2 Automatic. The machine will not start until the connected machine is started.



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Note: Maximum power consumption of the connected machine must not exceed 2200 W. If a more powerful machine is to be used, make sure to connect that machine to a separate / independent wall socket.

Dry vacuum cleaning

The device can be used with a plastic dust bag which uses the full volume of the container. Suitable for large grits and coarse materials. For fine dust it is recommended to mount a fleece filter bag.

Installing the fleece filter bag

1. Unlock and remove the top of the machine.
2. Fit the fleece filter bag.
3. Fit and lock the top of the machine.

Changing the fleece filter bag

1. Unlock and remove the top of the machine
2. Pull the fleece filter bag on the flange up and out.
3. Seal the fleece filter bag with cap.
4. Dispose of the used fleece filter bag in accordance with statutory regulations.
5. Fit the new fleece filter bag.
6. Fit and lock the top of the machine.

Wet vacuum cleaning

Installing squeegees on the nozzle

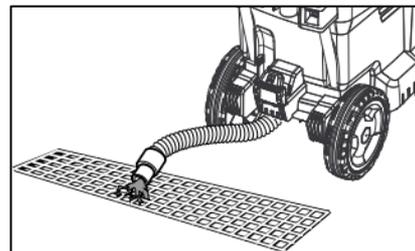
1. Remove the brush strip.
2. Install the squeegees.

Removing the fleece filter bag

1. The fleece filter bag must always be removed when vacuuming wet substances. Unlock and remove the suction head.
2. Pull the fleece filter bag on the flange up and out.
3. Seal the fleece filter bag with cap.
4. Dispose of the used fleece filter bag in accordance with statutory regulations.
5. Fit and lock the suction head.

Drain the wastewater

1. Drain the wastewater using the drain hose at the back of the machine.





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PRECAUTIONS

- We recommend switching off the "Automatic filter dedusting" function when vacuuming wet dirt with the crevice nozzle or the upholstery nozzle (optional), or when sucking mainly water out of a container.
- The device switches off automatically when the maximum fluid level is reached.
- When vacuuming non-conductive liquids (e.g. drill emulsion, oils and grease) the device does not automatically switch off when the container is full. The filling level must be continuously monitored and the container emptied on a timely basis.
- On completion of wet vacuum cleaning. Disconnect the machine and clean the main filter element using the filter cleaning. Clean the electrodes with a brush.

Always empty the machine after use.

You must make sure the dust collected can't fall out of the machine during transportation.

For all maintenance and service please contact Bona or other designated Bona distributor.