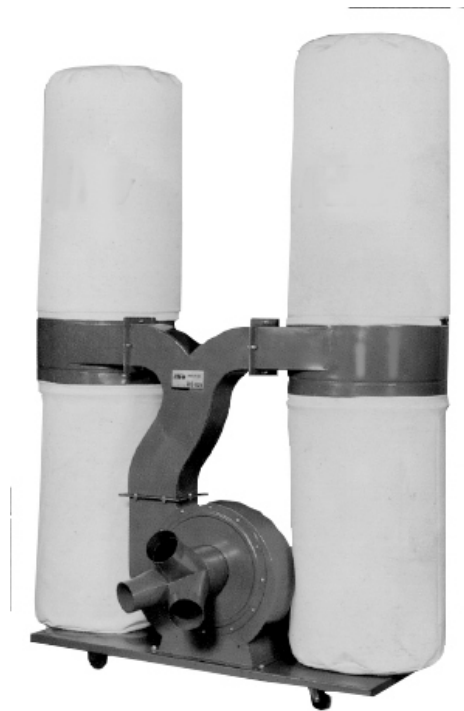


STAND-ALONE DUST COLLECTORS

DUST COLLECTORS WHICH ACTUALLY WORK !!



DC-SERIES
DUST COLLECTORS



WW-SERIES
DUST COLLECTORS

Recover materials, improve quality of production, reduce down-time of equipment, reduce cost of production, improve working environment, and improve productivity of workers - in short improve profitability.

High efficiency dust collectors

Large fine filters

Cyclone pre-filter

Low dust loading of the main filter

Filters do not clog

Special manual / automatic filter cleaning devices (DC-series)

High suction is maintained over long hours of use

Special dust disposal facilities available

Low noise options available

Standard/custom designed SUCTION HOODS available

SANTONI

Since 1983 - Two Decades of Service

SANTONI DC-SEREIS STAND-ALONE DUST COLLECTORS

SANTONI WW-SERIES DUST COLLECTORS FOR WOOD DUST

SANTONI produces a wide range of dust collectors which actually work - because they are based on proper engineering principles.

DC-SERIES dust collectors have a very large and fine filter, accommodated in a compact space due to their cone-in-cone design, is spring-loaded and moved vigorously with the help of a (manual or motorized) cam operated filter shaker.

The dusty air hits the 'bottom face' of the filter and, after a layer of dust form, it falls down - a self cleaning action that keeps the filter naturally clean. Moreover, there is a cyclone-effect prefilter that removes most of the dust from air before it hits the filter.

FEATURES

Sturdy MS fabrication (optional SS-304, SS-316, FRP)

Cyclone-effect prefilter

Very large main filter - in cone-in-cone configuration

Cam operated filter shaker that shakes the whole filter vigorously and thoroughly cleans it. Optional - motorized automatic shaker.

Dust is collected in a container at the bottom.

A paper/poly bag can be kept in the container for easy disposal.

Optional trolley for the container.

High suction/airflow dynamically balanced centrifugal blower on top of the dust collector.

Standard and custom-designed Suction hoods available for your specific applications.

SUITABLE FOR

Machines such as : Surface grinders, bench grinders, cylindrical grinders, powder handling/filling equipment, any processes which generate dust that can be trapped from a known point.

SPECIFICATIONS

MODEL	POWER (KW/hp)	AIRFLOW m3/hr	No. of Filters	Dust capacity Litres
DC-200	0.37/0.5	350	2	20
DC-400	0.75/1.0	700	2	50
DC-800	1.5/2	1400	2	50
DC-1200	2.2/3	2000	4	100
DC-2000	3.75/5	3500	8	100
DC-3000	5.6/7.5	5000	12	100

Blower is single stage centrifugal type
DOL starter can be fitted optionally
Trolley is standard with DC-200, optional for others
Container dolly is optional

wood working industry needs specialized dust collectors - because the dust is relatively light weight, voluminous and has larger particles.

SANTONI offers a whole range of dust collectors built for wood working machines, which can provide a better working environment, better production, and better way to handle the waste - all in the most efficient and economical way.

Wood dust/shavings are sucked out by the dust collector and the dusty air enters the filter chamber tangentially and due to cyclonic effect created most of the dust is separated from air before it hits the face of the filter.

Filters are made out of Polyester nonwoven filter media with a very liberal filter area so that the air can pass through them with little resistance. Due to fine structure of the filter media all the dust is separated before the air permeates through it.

Dust is collected in the lower filter bag and can be easily disposed off by opening the tie belt.

The dust collectors are all trolley mounted for easy mobility. Due to their simple and robust construction they need little maintenance. The best part is that any electrician can look after them.

How to select a WW-series dust collector Following are the airflows required for these wood working machines in m3/hr.

Planer, up to 12 inches: 700 Planer, 13 to 20 inches: 850, Spindle shaper: 700, Band saw: 500, Radial-arm saw: 550, Table saw: 550 Jointer, 4 to 12 inches: 550, Belt-disc sander: 500, Floor sweep: 550, Lathe: 850, Drill press: 500, Scroll saw: 500

SPECIFICATIONS

MODEL	POWER (KW/hp)	AIRFLOW m3/hr	No. of Filters	Dust capacity Litres
WW-1300	0.75/1	1400	2	100
WW-200	1.0/1.5	2000	2	100
WW-2700	1.5/2	2700	2	100
WW-4200	2.2/3	4200	4	200
WW-6800	3.75/5	6800	8	400
WW-10000	5.6/7.5	10000	12	600

Blower is single stage centrifugal type
DOL starter can be fitted optionally
Single entry is standard. Optional : Multiple entries.