

Downdraft table

Applied to welding, polishing, grinding, plasma cutting and so on. It uses international advanced filtering technique and has a >99.9% filtering efficiency of dust produced by welding, cutting and grinding.

Working principles:

Smoke and dust were captured into filter by the negative pressure produced by fan, big dust particles have a collision with deflector and will drop into flue-dust retainer in the effect of gravity, small dust particles go into filtering room. The dust air will go through the filter cartridge, the dust will be stopped and gather on the outside of filter cartridge, we can brush it by hand or by pulse back blowing in the effect of vibrating to make dust drop into flue-dust retainer, the clean air will be let out via fan.

Special desk design, dust-removal system inside, acoustic insulation of fan, no need pump connection, the clean air can be fed into workshop and reduce the cost of energy.

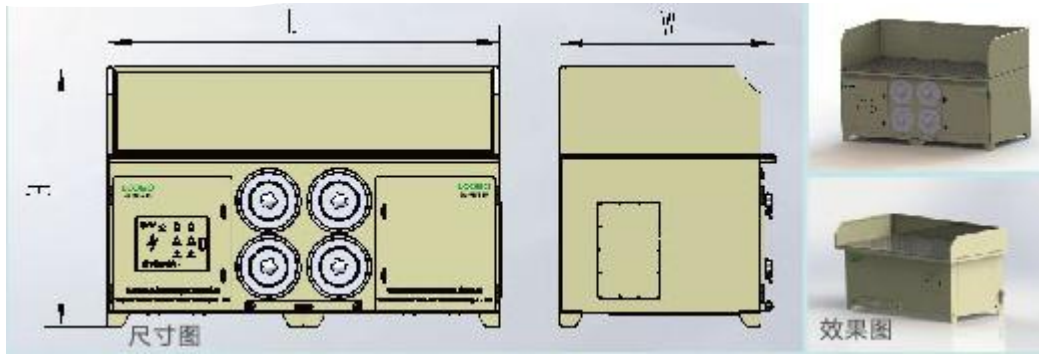
It can not only capture tiny floating dust but also interfere workers' movement and view, is the ideal purifier of small and middle accurate machining and irregular component. It can not only connect with welding smoke purifier but also central type smoke purification system.

Structure:

1. There is a deflector in the entrance of table which can stop the dust from impacting the filter cartridge.
2. High efficiency fan makes it running smoothly.
3. There is a noisy reduce treatment on fan in case of noise pollution.
4. It has a table and dust removal function which can remove the dust from the very beginning.
5. It covers a small area for double or multi station working.
6. It can choose filtering medium based on customers' requests to purify different dust.
7. The filter lives longer with stable performance and can be changed conveniently.
8. Purification of pulse back blowing automatically makes the table in good working all the time.
9. Flue-dust retainer can drop the dust fast and conveniently.

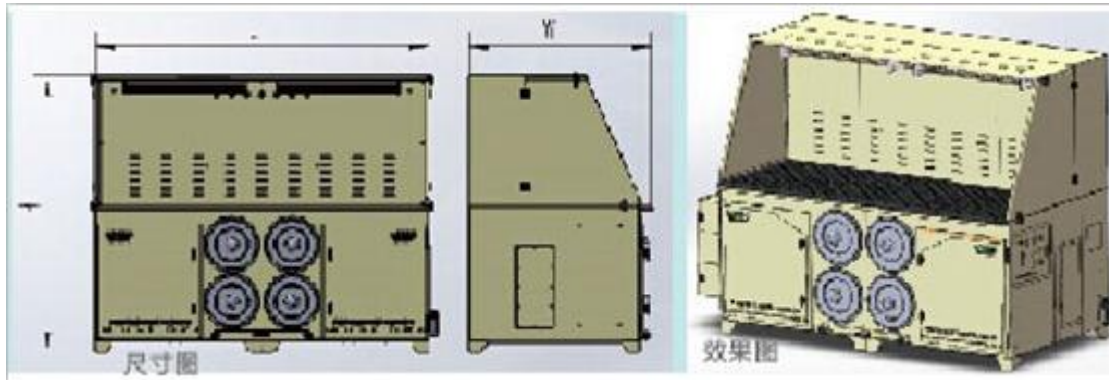
LB-DM Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size	Work table height(mm)
LB-DM2400	2400	2.2	2000*950*1200	2	325*1020	900
LB-DM3000	3000	4.0	2200*1100*1200	2	325*1020	900
LB-DM5000	5000	2*2.2	2200*1050*1350	4	325*770	950
LB-DM6500	6500	2*4.0	2200*1200*1350	4	325*920	950



LB-DK Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size (mm)	Work table height(mm)
LB-DK5000	5000	2*2.2	2200*1050*1550	4	325*770	950
LB-DK6500	6500	2*4.0	2200*1200*1550	4	325*920	950



LB-DMF Grinding downdraft table(size can be same with LB-DM Series):

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size	Work table height(mm)
LB-DMF2400	2400	2.2	2000*1000*900	2	325*1023	900
			2200*1200*900	2	325*1023	900
LB-DMF3000	3000	3.0	2000*1000*900	2	325*1023	900
			2200*1200*900	2	325*1023	900
LB-DMF5000	5000	2*2.2	2200*1050*950	4	325*770	950
LB-DMF6500	6500	2*4.0	2200*1200*950	4	325*920	950



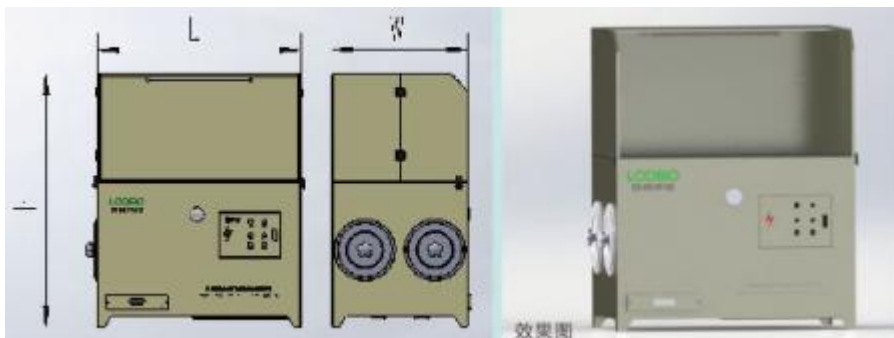
LB-DMS Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size (mm)	Work table height(mm)
LB-DMS1500	1500	1.1kw	800*550*1000	1	325*465	**



LB-DG Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size(mm)	Work table height(mm)
LB-DG3000	3000	3.0	1200*800*1470	2	325*465	860



LB-DJ Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size (mm)	Work table height(mm)
LB-DJ2400	2400	2.2	2200*1050*1550	2	325*465	880
LB-DJ3000	3000	3.0	2200*1200*1550	2	325*495	880





LB-DF Grinding downdraft table:

Model	Airflow (m3/h)	Power(kw)	Size (W*L*H)mm	Filter qty	Filter size (mm)	Work table height(mm)
LB-DF2400	2400	2.2	1000*1050*1600	2	325*650	950



Custom design and made according customers request



