

Grinding cabinet

- Applicable to: grinding, polishing, cutting, mixing, blanking and other conditions that produce dust.

Performance description

- Integrated structure, beautiful appearance, small floor area
- Anti back suction device, fully automatic pulse back blowing and soot cleaning, make the cleaning effect more thorough
- Power status monitoring: alarm for over-voltage and under voltage in case of wrong phase disconnection to prevent damage of motor and electrical parts
- Air pressure status monitoring: low air pressure alarm to prevent incomplete ash cleaning. The differential pressure gauge can directly display the use status of the filter element, and the automatic pulse back blowing and soot cleaning will be carried out if the differential pressure is too high.
- Operation temperature monitoring: system over temperature alarm to prevent fire

Standard configuration

- Main filter element with filter efficiency $\geq 99.9\%$
- Fault phase protection, overload protection, air pressure monitoring, temperature monitoring device
- Japan Toray antistatic flame retardant coated polyester fiber filter cartridge
- PLC pulse controller
- Explosion proof blower
- Explosion-proof solenoid valves
- Explosion proof electric control box
- 70L Dust drawer
- Differential pressure gauge
- Muffler

Spare parts

- Intelligent control system
- Frequency conversion system
- IO port (remote control)



Recommended working condition

Grinding and dedusting of large workpieces such as sheet metal and special workpieces

Technical parameter

MLWF900		
Power	3.0KW×2	Double motor double control
Voltage	380V/50Hz	SIEMENS motor
Air Volume	4500-9000m³/h	
Maximum negative pressure	2500Pa	
Accuracy	0.3µm	Japan, Toray
Filtration efficiency	99.90%	
Filter Material	Imported flame retardant coated polyester fiber	
Filter Area	88m²	
Filter Size	φ325*660mm (8 branches)	
Cleaning	Pulse back blow	
Compressed air	0.5-0.6MPa (Oil-free and water free)	
Air consumption	0.3m³/min	
Pulse valve	1.0"	
Differential pressure switch	DPS-2500	
Noise	≤75dBA	
Size	2100 (W) *1030(D)*2285(H)mm	
Weight	600±20Kg	



Spare parts list

MLWF900	
Name	No.
Main filter element	LX3266
Mobile expansion room	SSF1000
Suction hood	ZK2015
Leather curtain	PL200