

Central Dust Purifier

- Suitable for: welding fume, cutting fume dust, laser welding cutting fume, plasma cutting fume, polishing dust, drilling dust, mixing and cutting materials to produce

Performance description

- Integral structure, beautiful appearance, small area
- Anti-suction device and all-directional rotor ash cleaning system make the effect of ash cleaning more thorough
- Power supply condition monitoring: alarm for broken phase overvoltage and undervoltage to prevent motor and electrical components from damage
- Pneumatic condition monitoring: alarm of low pressure of air source to prevent incomplete ash cleaning. Pressure differential meter shows the use status of filter element intuitively, and high pressure differential auto-pulsed rotor backblowing
- Operation temperature monitoring: alarm system temperature is too high to prevent fire
- Dust hopper condition monitoring: the system senses the lock state of the dusthopper, with the automatic lifting function of the dusthopper, to ensure that the dusthopper is in place, to improve the tightness of the dusthopper, and to ensure the effect of dust collection.

Standard configuration

- Filtration efficiency (> 99.9%) of main filter core (imported coated polyester fiber)
- Fault phase protection, overload protection, air pressure monitoring and temperature monitoring devices
- PLC Intelligent Control System
- Tri-color lamp
- Pressure differential gauge
- Muffler
- 150L dust collector
- Left rear air intake
- 10m power cord
- Spark catcher (Large Particle Dust Prefilter)

Spare parts

- Frequency conversion system
- IO port (remote control)
- Explosion-proof configuration
- Universal Flexible Arm (φ200, φ160)
- Vacuum Cleaning Pipeline (φ600)
- The suction ducts on both sides of the rack



Technical Parameter

MLWF1000	
Power	11KW
Voltage	380V/50Hz
Air Volume	9000-12000m ³ /h
Accuracy	0.3μm
Filter Material	Imported flame retardant coated polyester fibers
Filter Area	180m ²
Filter Size	φ325*600mm (18 branches)
Cleaning	Rotor back blow
Noise	≤75dBA
Size	2750*1550*2800mm
Weight	1600±30Kg

Recommended working condition

Welding workstation
Artificial Welding Station
Plasma cutting and laser cutting

Spare Parts List

MLWF1000	
Name	Number
Main filter elementφ325*600mm	LX3260
Suction armφ160*2000mm	XQB1620
Suction armφ200*3000mm	XQB2030
Spiral duct	GD600
Suction hood mouth	ZK2015
Arc blind curtain	PL200
Suction duct	FD30