

Environmental Equipment Specialist



## Chungho environmental protection technology Chengdu Co.,Ltd.



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# ≈ Company Profile

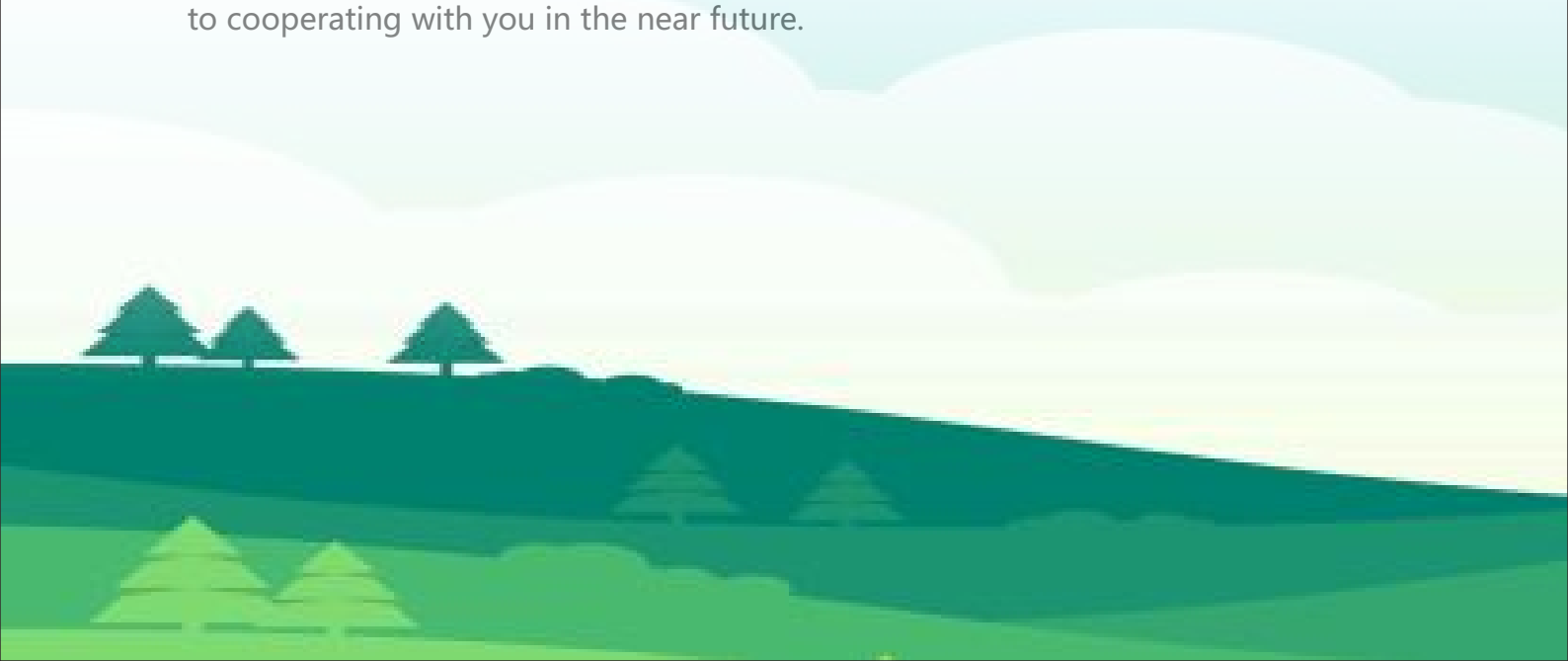


Win trust with professionalism,  
Win the future with responsibility!

Chungho environmental protection technology Chengdu Co. ,Ltd. is a professional environmental protection equipment provider that solves various environmental problems for you and provides one-stop procurement services. Our main products are oil mist collector /dust collector /fume purifier/ air filter. which are widely used in air purification in various industrial production fields.

We take the customer first/quality first/service first/technology first as our business philosophy to provide you with high-quality and cost-effective products. Our R&D team has many years of industry experience and strong technological innovation capabilities. Through continuous research and development of new products, we lay the foundation for the competition of similar products and ensure the continuous development of the company's business. In addition, we also have stable and efficient factory production to ensure the delivery time of customers.

Win trust with professionalism and win the future with responsibility. We look forward to cooperating with you in the near future.





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WE LOOK FORWARD TO COOPERATING  
WITH YOU IN THE NEAR FUTURE.

# MIST COLLECTOR

# DMG Series

## Centrifugal oil mist collector

New type of oil mist collector with centrifugal + filter

Solve all kinds of oil mist collection and purification problems for you!

Applicable to Machining center / CNC lathe / milling machine / drilling and tapping machine / walking machine / grinder / cleaning machine, etc

### ■ Feature

#### Large air volume and low energy consumption

- Equipped with high efficiency fan, large air volume can be realized with low energy consumption

#### Small size and light weight

- We use centrifugal structure design, so the machine is small and light
- The installation space is saved and the installation is more convenient.

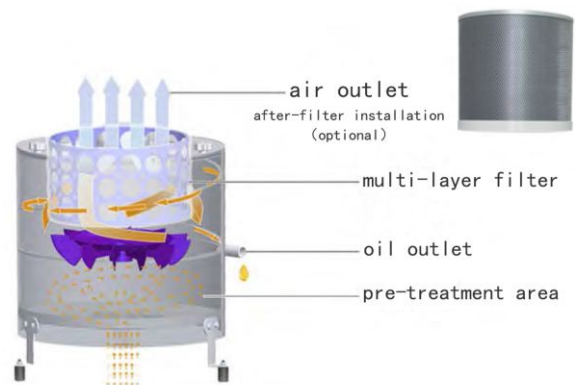
#### Combination of centrifugal and filter

- The filter cotton further improves the filtering accuracy and efficiency of the centrifugal structure
- According to the demand, two different after-filters can be selected to achieve higher filtering effect.

### ■ Working principle

The air containing oil mist is sucked into the oil mist collector and filtered through the following three steps.

- First, centrifugal separation. Driven by the high-speed rotating impeller, the rotating airflow spirals upward, and the oil mist particles are thrown to the inner wall of the machine by centrifugal force to achieve separation.
- Secondly, filtered through multiple layers of filter.
- Finally, filtered again through a high-efficiency filter  
Suitable high-efficiency filters are selected for different working conditions of oil mist, which can effectively purify the smog of 0.3 micron level.



## ■ Installation



## ■ Specification

TYPE		DMG-120	DMG-250	DMG-370	DMG-750
Power		3P380V、50Hz or customization			
Capacity	Max airflow (m <sup>3</sup> /h)	300	600	1000	1800
	Working pressure (kpa)	0.8	0.8	0.8	0.8
	Motor(kw)	0.12	0.25	0.37	0.75
Dimension	Cylinder diameter(mm)	300	350	400	460
	Height(mm)	320	370	440	490
	Height of af-filter(mm)	250	300	350	400
	Connection(mm)	100	125	150	150
	Approx weight(kg)	16	20	30	38

※ In order to improve product performance, specifications and parameters may be changed.



# MIST COLLECTOR

# DMS Series

## Filter type oil mist collector

**Solve the oil mist collection and purification problems of various machine tools for you!**

machining center / lathe / milling machine / drilling and tapping machine

/ knife grinder / grinder / washing machine, etc.

### ■ Feature

#### **Large air volume, low energy consumption**

- Equipped with energy-saving and high-efficiency fans, large air volume can be achieved with low energy consumption.

#### **High precision and high efficiency purification**

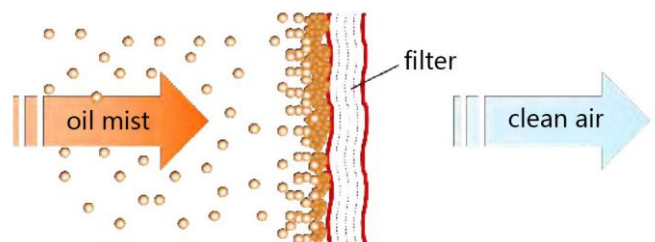
- Built-in several layers of filter cotton to ensure filtration efficiency.
- According to the working conditions, different post-mounted high-filters can be selected to ensure a better filtering effect.

#### **Small size, flexible installation**

- DMS adopts a horizontal structure design, which is small in size and does not take up too much space.
- The installation is flexible and diverse, it can be installed on the top or beside the machine tool.

### ■ Working principle

- After the air containing oil mist is sucked in under negative pressure, the oil mist is collected by the filter material, and the separated clean air is discharged.
- With the development of industrial filtration technology, the filtration efficiency of oil mist purifiers has also been significantly improved and it is currently possible to achieve effective purification of high-concentration oil fume



## ■ Installation



## ■ Specification

TYPE		DMS-10	DMS-15	DMS-20
Power		3P 200V/380V(Adjust the motor wiring method to switch) 50/60Hz		
Fan	Air volume(m <sup>3</sup> /h)	600	900	1200
	Pressure(kPa)	1.0	1.2	1.4
	Motor (w)	180	290	500
Filter	Filter object	Fume and oil mist produced by emulsion and cooling oil		
	1st filter	Primary sponge filter		
	2nd filter	Medium-efficiency sponge filter		
	3rd filter	Medium-efficiency sponge filter		
	4th filter	high-efficiency polyester fiber filter		
	After	HEPA filter		
Filtration efficiency			99.5%	
Noise (dB)		64±2	66±2	68±2
Dimension (mm)	Depth	606	681	723
	Width	310	392	409
	Height(except for AF)	396	447	502
	Inlet diameter	125	150	200
Maximum suction temperature (°C)		60		
Oil outlet diameter		φ12mm		
Accessories		Oil drain hose×3m、Shockproof rubber pad×4个		
Weight (kg)		20	25	35
Exterior color		White + blue (Color can be customized)		
banned substances		Flammable or explosive or corrosive substances		

※ In order to improve product performance, specifications and parameters may be changed.

※ The noise value is measured under the condition of configuring after filter, and may be deviations according to the test environment.

# Electrostatic mist collector

## DME Series

### Zero consumables The Nemesis of oil fume

Applicable to Machining center / CNC lathe / milling machine / drilling and tapping machine / walking machine / grinder, etc

#### ■ Feature

##### Large air volume and low energy consumption

Using the working principle of electrostatic adsorption, the resistance is small, and the energy consumption of small power can achieve large air volume.

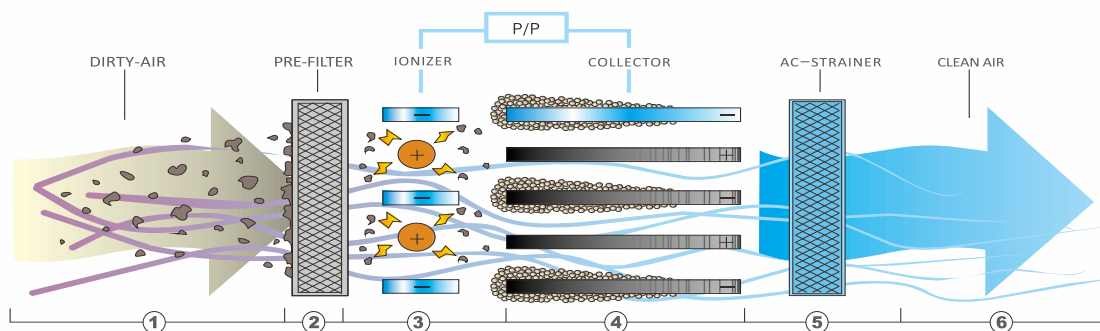
##### Zero consumables

- The built-in filter and electric field can be cleaned repeatedly without regular replacement.

##### The Nemesis of oil fume

- The working principle of electrostatic adsorption can achieve high purification efficiency, and it has a good effect on high concentration of oil fume.

#### ■ Working principle





- DME adopts the double purification structure of "mechanical + electrostatic". First, the larger particles of dust and oil fume are treated by the pre-filter, then the fine particles of oil fume enter the electrode and are adsorbed, so as to achieve high-efficiency purification. This structure makes the cleaning frequency of the electrode Greatly reduced.
- The working principle of electrostatic adsorption is the principle that the charges of the same polarity repel and the charges of the opposite polarity attract.  
First, the particles of oil fume are polarized or charged by high voltage, then adsorbed when the charged particles enter the following electric field, so as to achieve the purpose of adsorption and collection of oil fume.

## ■ Installation Example



## ■ Specification

TYPE		DME-10	DME-20	DME-30
Fan	Power(v/Hz)	1P220V 50Hz		
	Air volume(m³/h)	480	900	1500
	Pressure(Pa)	300	350	350
	Motor (w)	130	185	280
Electric field filter	Electric field structure	Plate type, high pressure and low pressure separation structure		
	charged electrode	Serrated discharge electrode (stainless steel)		
	number of filters	1	1	2
	Power (W)	45	70	140
	High voltage output (KV)	10		
	Low voltage output (KV)	6		
Noise (dB)		68±2		
Purification efficiency (%)		98.5 (Visually smoke free)		
dimension (mm)	Depth	400	470	470
	Width	700	870	1100
	Height	560	615	615
	Inlet diameter	150	200	250
Maximum suction temperature (°C)		50		
Oil outlet diameter(inch)		1		
Power cable (m )		3.5M 3 cores (without plug)		
Weight (kg)		55	75	122
Exterior color		off white		
Inhalable objects		Harmful substances such as oil smoke, oil mist and fine dust from industrial production and kitchens		
banned substances		Sparks,gasoline,kerosene,alcohol,sulfuric acid and other flammable,explosive and corrosive substances		

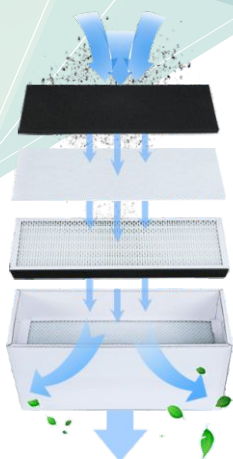
※ In order to improve product performance, specifications and parameters will be changed without notice.

# FUME PURIFIER DZF Series

## Energy saving and high efficiency longer filter life

It is suitable for smoke/a small amount of dust/  
peculiar smell/toxic and harmful gases generated  
by soldering/beauty moxibustion/laser marking and  
engraving/factory welding/grinding by point-to-  
point suction

### ■ FEATURE



High-efficiency  
four-layer filter

- 1 Washable filter
- 2 Primary filter
- 3 Medium efficiency filter
- 4 HEPA filter+carbon

### ■ PRODUCT DETAILS



DZF-2002R

It can effectively filter smoke and exhaust gas and achieve indoor air standards.

- 1、Modular design, layer-by-layer filtration, to ensure thorough purification of harmful smoke and dust, the purification rate can reach 99.9%, each layer of filter can be replaced individually, with longer service life and lower replacement cost.
- 2、The indoor circulation is actively filtered to prevent the indoor air-conditioning or heating from being discharged to the outside, ensuring the indoor humidity and temperature environment.



DZF-2001M



DZF-2001R



DZF-2002M



DZF-2002R

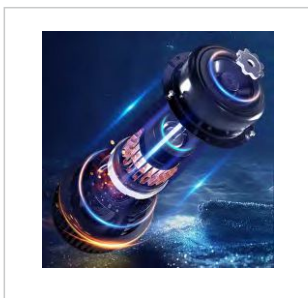


DZF-3002M(white)

## ■ PRODUCT DETAILS



Bamboo tube  
with 360° free rotation



Fully sealed insulated  
motor, long lasting



Smart control panel  
simple and convenient  
operation



Universal wheel  
flexible and  
convenient to move

## ■ SUCTION ARM CONFIGURATION

Different hoods and pipes can be selected according to different use conditions.

### Default suction arm

Bamboo tube+Small hood



Black bamboo tube +  
silicone cover

### Optional suction arm

Optional: suitable for beauty and moxibustion



Aluminum alloy smoking  
arm+ square transparent  
cover



White bamboo tube +  
straight tube + round  
transparent cover



Black bamboo  
tube+Round  
transparent cover

## ■ APPEARANCE COLOR

## ■ CONTROL MODE



Grey Appearance



White Appearance



Manual Control



Remote Control



## ■ APPLICATION

Effectively remove smoke, odor, dust, formaldehyde, benzene and other harmful gases  
Laser marking, soldering, moxibustion and other working environments are prone to produce smoke tips, toxic gases and other serious hazards to human health. This is not a problem that can be solved by wearing a mask. With increasing demands on the environment, simple efflux methods are not legal. A purification equipment with real purification effect, durability and guaranteed service is exactly what you need.



## ■ PARAMETER TABLE

Model	Name	DZF-2001(M/R)	DZF-2002(M/R)	DZF-3002(M/R)	DZF-6002(M/R)
power supply(v/Hz)	AC110V or AC220V 50Hz				
power(w)	150	200	300	600	
Air(m³/h)	250	363	500	800	
Wind pressure(pa)	2600	2600	2800	3800	
Filtration accuracy	Up to 0.3um 99.9%				
Maximum noise	55db±3db			65db±3db	
Bamboo tube(default)	φ75mm*L1.3m*1	φ75mm*L1.3m*2	φ75mm*L1.3m*2	φ75mm*L1.4m*2	
Dimensions(mm)	450*275*490	450*275*490	435*386*550	515*465*650	
weight(kg)	16	18	25	35	

※ In order to improve product performance, specifications and parameters will be changed without notice.



# FUME PURIFIER

# DFP Series

## Energy efficient, longer service life

This product is mainly used in plastic laser marking, engraving, inkjet coding and other scenarios. It can effectively filter the smoke generated in the production process, dust, and has the function of adsorbing odors.

## FEATURE

1. DC brushless fan is adopted, which has energy saving, long service life and stepless adjustment speed and other advantages. With our self-developed motor controller and speed control panel now large air volume, large negative pressure, precise control, intelligent control and other requirements.
2. Multi-layer organ filter bag is adopted, and the filtration accuracy can be adjusted according to requirements. Recyclable dust, easy to clean.
3. Optional external control interface, external control mode can be added according to demand.
4. With multi-layer high iodine value activated carbon filter element, it can effectively adsorb the odor gas generated during processing.
5. Equipped with metal filter, which can effectively intercept sparks, large particles of dust, etc. And can be repeatedly cleaned, effectively extend the filter bag make with life.

## PRODUCT DETAILS



Air inlet and outlet location



Filter element construction



Optional external control interface

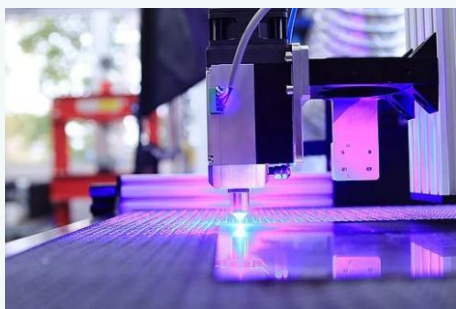


## PARAMETER

Item \ Model	DFP-430	DFP-460	DFP-4100
Air volume(m³/h)	600	800	1200
Input voltage(v/Hz)	AC220V 50Hz	AC220V 50Hz	AC220V 50Hz
Rated power(w)	300	600	1000
Filtering efficiency	0.3um 99.5%	0.3um 99.5%	0.3um 99.5%
Noise	≤70dB±2dB	≤72dB±3dB	≤72dB±3dB
Exhaust port(mm)	φ100	φ100	φ150
Air inlet connection(mm)	φ75/100	φ75/150	φ150
Body dimensions(mm)	L430*W365*H750	L500*W470*H830	L590*W559*H990
Weight(kg)	about35.0	about60.0	about75.0

※ In order to improve product performance, specifications and parameters may be changed.

## APPLICATION



# SMALL DUST COLLECTOR

# DMN series

Fully upgraded



- Large air volume
- Small size and save space
- Low energy consumption



- High quality, Low price
- Humanized design, Convenient maintenance

# DMN Series

MINI DUST COLLECTOR



DMN series standard type



DMN series custom type  
(pulse blowback external)

## Application

- Precision electronic processing Parts Processing
- Dental processing Precious metal processing

## Case Show



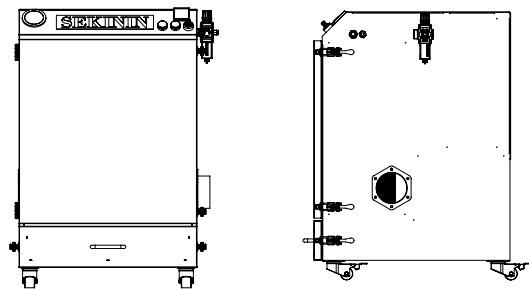
## Feature

- Small size and space saving.
- Cartridge filter is convenient and quick to be replaced.
- Equipped with automatic pulse blowback function, and the frequency is adjustable, it can easily cope with the working condition of large dust volume.
- Equipped with frequency conversion function, the suction volume is adjustable. Energy saving and high efficiency.

## Flexible design, customizable

- We have rich experience in dust collector design and can accept mass customized production.

## Specification



TYPE		DMN-10	DMN-20
Voltage (V/Hz)		AC3P380V 50Hz/customization	
Fan	Air volume(m³/h)	600~720	1200~1500
	Pressure (kpa)	0.8~1.2	0.6~1.1
	Motor power (kw)	0.29	0.87
Filter	Air speed (m/min)	2~2.4	2.5~3.2
	Area (m²)	5	8
	Material	POLYESTER	
	Quantity	2	2
Dimensions (mm)	Width	480	550
	Depth	450	678
	Height	1129	1160
	Inlet diameter	125	125
Noise (dB)		62±2	65±2
Dust capacity (ℓ)		20	30
Weight (kg)		65	85

※ In order to improve product performance, specifications and parameters may be changed.



# Small high pressure vacuum dust collector

## MNG Series

Laser die-cutting machine, Ultrasonic welding machine  
dust removal, Winder dust removal, Slitter dust removal  
Ground cleaning and dust removal



### FEATURE

The mini dust collector with beautiful appearance and easy movement can be placed under the workbench to improve space utilization, small size and noise Low, suitable for narrow space use, widely applicable to trace dust removal in the field of meta-automation, suitable for small pipelines, long distances, and more Station, point-to-point dust removal. The equipment adopts DC brushless high negative pressure adjustable speed fan, which can work continuously for 24 hours without stopping.

### PRODUCT DETAILS



## DEVICE CONFIGURATION



Smart touch screen

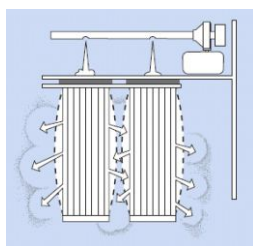
- ※Real-time pressure display, filter status at a glance
- ※With pressure alarm, overload alarm, alarm shutdown
- ※External alarm indicator and external sound and light alarm can be connected
- ※There are reserved external linkage control or remote control ports
- ※Pulse frequency, period, and interval can be set
- ※According to the differential pressure detection, the pulse blowback blow dust can be initiated



Filter options

The following different material filters will be matched according to the characteristics of different dusts

- ※Standard filter for dust particles above  $2\mu\text{m}$
- ※Ultra-fine laminated filter, suitable for dust particles above  $1\mu\text{m}$
- ※Anti-static filter for static dust particles
- ※Ultra-fine anti-static filter for fine dust with static electricity
- ※High efficiency HEPA filter for dust particles above  $0.3\mu\text{m}$



Pulse automatic dust shake

The timing automatic pulse blowback washing function is to use the pulse valve to open instantaneously to spray the high-pressure compressed air back into the filter, and the dust attached to the surface of the filter screen will be instantly shaken down, which can effectively prevent the premature blockage of the filter screen and keep the filter screen breathable for a long time

## OPTIONS



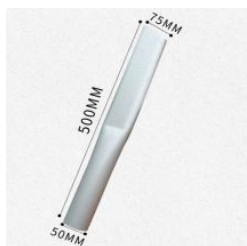
Mobile vacuuming full set



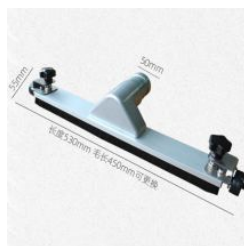
Aluminum alloy S-shaped vacuum bend



Vacuum hose + fitting



Aluminum alloy flat suction

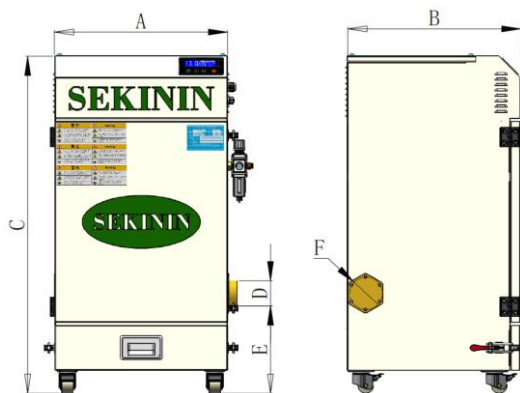


Sweep the floor dust



Round brush handle tip

## EXTERIOR DRAWING



MNG-1000M



MNG-1000L

## PARAMETER TABLE

Name / Model		MNG-1000S	MNG-1000M	MNG-1000L
Dust collector body	Power Supply (V/Hz)	1P 220V / 50Hz		
	Power (kW)	1.0		
	Air volume (m³/h)	180 ~ 240		
	Closed Static Pressure (KPA)	20 ~ 25		
Filter unit	Filter area (m²)	2.5	3.1	3.1
	Filter speed (m/min)	1.2~1.6	0.96~1.3	0.96~1.3
	Specification/Quantity(mm/pcs)	φ300x200Lx1	φ180x300Lx2	φ180x300Lx2
	Shape/Material	Cartridge filter/polyester (filter media imported from Korea or Japan)		
	Dust shaking method	None (manual cleaning required)	Automatic pulse jitter	Automatic pulse jitter
Device size	A × B × C (mm)	400x400x610	450x450x876	500x450x1206
	D suction port diameter (mm)	φ50 (Customizable)		
	E Distance between ground and suction port(mm)	220	228	535
	F flange hole array diameter (mm)	φ85-M6-6		
Compressed air consumption (L/min)		/	0~30 (adjustable)	0~30 (adjustable)
Dust capacity (L)		10	12.5	28
Noise (dB[A])		70+2 ( 2 meters from the device)		

※ In order to improve product performance, specifications and parameters may be changed.

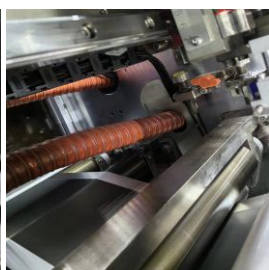
## APPLICATION FIELD



Laser die-cutting machine



Ultrasonic welding machine dust removal



Winder dust removal



Slitter dust removal



Ground cleaning and dust removal

# COMPACTED DUST COLLECTOR

## DSN series

Cartridge dust collector  
Fully upgraded



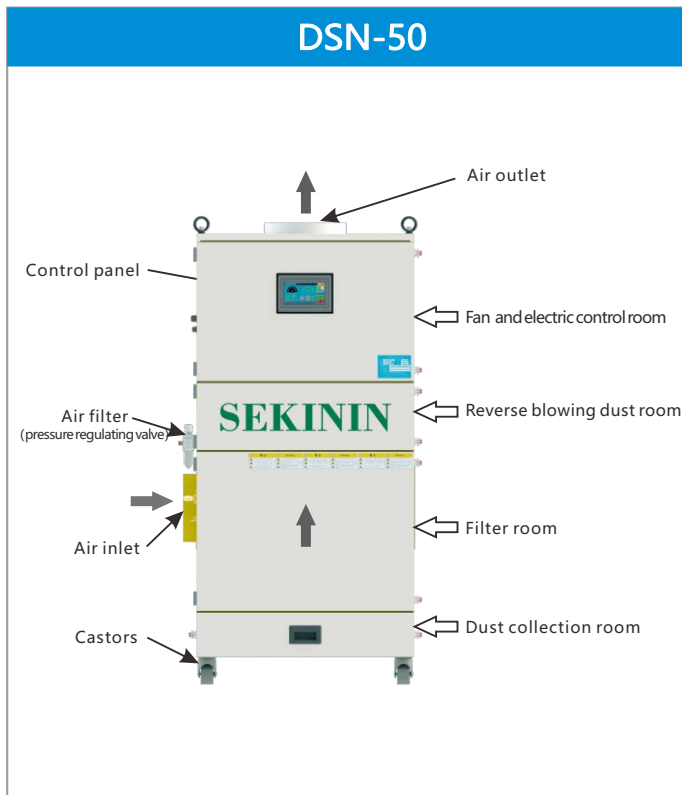
- Large air volume
- High negative pressure
- Low energy consumption



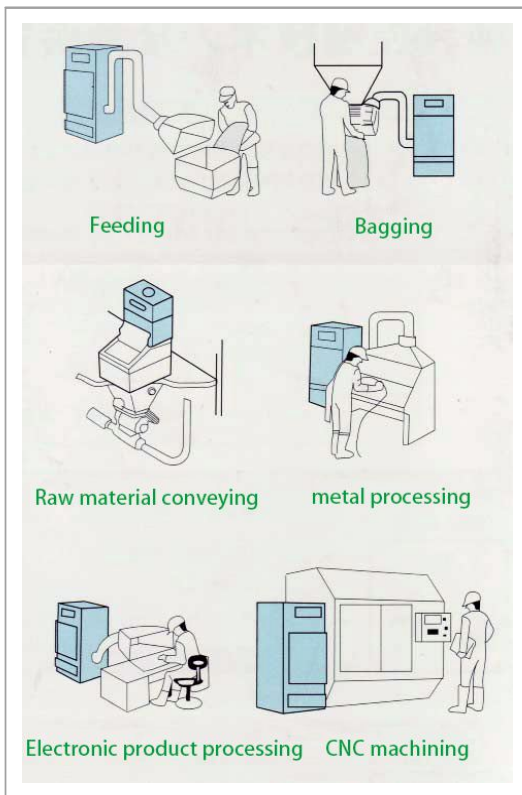
- High quality, Low price
- Humanized design, Convenient maintenance



## ■ Legend



## ■ Application



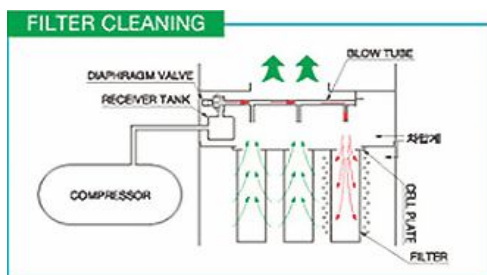
## ■ According to the dust type and particle size, select the appropriate filter

FILTER	APPLICATION
Standard Filter	Dry dust with a particle size greater than 5 microns , No possibility of explosion
Fine Filter	Fumeor dry dust with a particle size greater than 0.3 microns ,No possibility of explosion
Anti-static Filter	Dry dust with a particle size greater than 5 microns, Self-contained static electricity or easy to generate static electricity
Anti-static Fine Filter	Dry dust with a particle size greater than 0.3 microns, Self-contained static electricity or easy to generate static electricity
Other Style Filters	Need to be confirmed

## ■ Feature

Automatic back-blowing can effectively prevent the filter from clogging.  
The equipment can run more stably and lastingly!

## ■ Automatic blowback for dust-shaking



DSN series

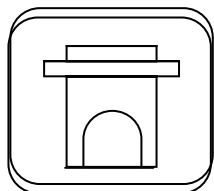
The biggest advantage of the automatic back-blowing dust collector is that it can automatically remove the dust on the filter surface without interrupting the operation of the dust collector, prevent the filter from clogging, and keep the filter in a long-term stable air-permeable state to achieve a stable dust collection effect. .

## ■ High-quality components

Ensure the performance and service life of the dust collector.

- ⊗ Self-designed and produced impellers are matched with customized energy-saving motors to achieve large air volume, high air pressure and low energy consumption.
- ⊗ The electronic control components are all custom-made by well-known brands, so the quality is guaranteed.
- ⊗ The filter adopts imported brand filter material, with high filtration accuracy and efficiency, ensuring a longer service life.

## ■ Unique filter structure design



Improve the effect of  
blowback

It is simple and convenient to remove and  
install the filter without tools.



## ■ Performance parameter

Model		DSN-30	DSN-50	DSN-80	DSN-120	DSN-160	DSN-250
Voltage (V/Hz)		AC 3P380V 50Hz/Customized voltage					
Motor power (kw)		1.5	2.2	3.7	5.5	4.0×2	5.5×2
Air volume (m³/h)		1800~2100	2700~3000	4200~4800	7200~7800	9000~9600	14400~15000
Static pressure (-kPa)		1.8~2.2	2.2~2.5	2.2~2.6	2.3~2.6	2.5~2.7	2.5~2.8
Noise (dB)		68±2	70±2	72±2	74±2	76±2	78±2
Filter	Area (m²)	11	16	25	33	46.5	65
	Quantity	4	6	9	12	18	24
	Material	polyester					
	Shape	cylinder filter					
	Dust-shaking	Automatic pulse jet blowback					
	Blowbackairpressure	0.4~0.7Mpa					
Number of solenoid valves		2	3	3	4	6	8
Compressed air consumption (L/min)		20~35	25~40	25~40	30~50	30~50	30~50
Dust capacity (L) (Drawer/Funnel type)		38 /32	55 /65	100 /80	120 /116	120 /150	300 /232
Inhalation caliber (φmm)		150	200	250	300	350	450
Power cable (m)		5m (4 core, No bushings)					
Dimensions (W×D×H) (Drawer type)		600×600× 1650	800×650× 1700	850×800× 1760	1100×850× 1880	1600×800× 1750	2000×950× 1870
Dimensions (W×D×H) (Funnel type)		600×600× 2060	800×650× 2220	850×800× 2330	1100×850× 2550	1600×800× 2380	2000×1000× 2550
Weight (kg) (Drawer/funnel type)		about 120/140	about 180/200	about 280/320	about 420/480	about 580/680	about 850/980

※ In order to improve product performance, specifications and parameters may be changed.  
Optional : intelligent LCD control panel

# High pressure vacuum dust collector

## GY Series

Laser welding / laser cutting / laser coding / cutting work / drilling operation / bagging / Abrasive blasting / Cutting / crushing / engraving / Material Handling / Grinding and polishing / Gold and Silver Processing / PC Board processing / floor cleaning / bench cleaning / iron filings and slag / automatic dust removal

### FEATURE

Low noise and strong suction

It can operate continuously for 24 hours

It is suitable for small pipelines, long pipelines, and multi-station use

### DEVICE CONFIGURATION



#### Smart touch screen

- ◆ Real-time display pressure, filter status at a glance
- ◆ With pressure alarm, overload alarm, alarm shutdown
- ◆ External alarm indicator and external sound and light alarm can be connected
- ◆ There are reserved external linkage control or remote control ports
- ◆ Pulse frequency, period and interval time can be set
- ◆ According to the pressure difference detection, start the pulse blowback jitter dust



#### Filter options

The following different material filters will be matched according to the characteristics of different dusts

- ◆ Standard filter, suitable for dust particles above 2 $\mu$ m
- ◆ Ultra-fine laminated filter, suitable for dust particles above 1 $\mu$ m
- ◆ Anti-static filter, suitable for dust particles with static electricity
- ◆ Ultra-fine anti-static filter, suitable for fine dust with static electricity
- ◆ High efficiency HEPA filter, suitable for dust particles above 0.3 $\mu$ m



#### Mechanical control panel

- ◆ Traditional control mode, low failure rate
- ◆ With overload alarm, overload shutdown
- ◆ There are reserved linkage control or remote control ports
- ◆ Pulse frequency period and interval time can be set
- ◆ Timing pulse blowback dust shaking function



#### dynamical system

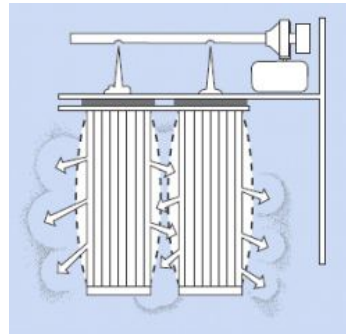
High negative pressure aluminum alloy high-pressure gas pump is adopted the suction power is strong, and the long-distance conveying is not strong laborious





### Quick filter removal

The filter is installed in a modular manner with slide rails design, no tools, no hands quick filter removal and assembly in minutes you can change a machine



### Pulse automatic dust shake

The automatic pulse dust shake function is instantaneous using the pulse valve the intermittent opening sprays compressed air back into the filter the dust adhering to the surface of the filter screen is instantly shaken fall, can effectively prevent premature blockage of the filter the filter can be kept breathable for a long time

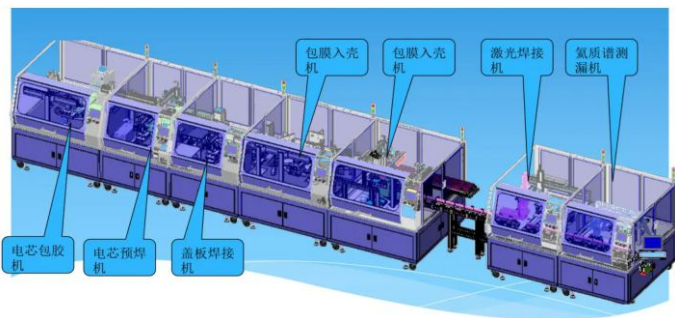
## PARTIALLY APPLICABLE WORKING CONDITIONS



Slitter dust removal

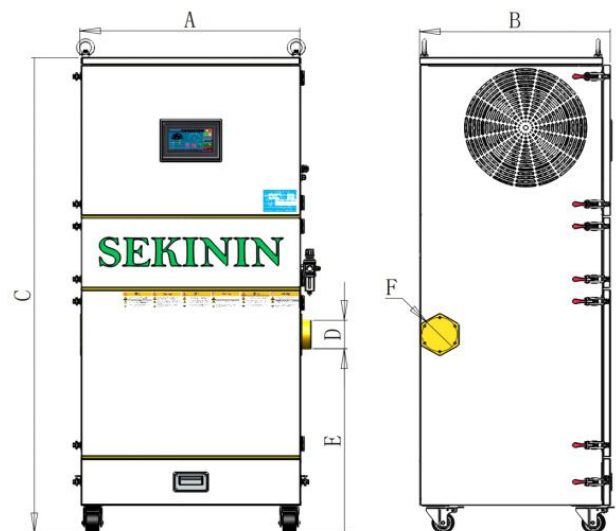
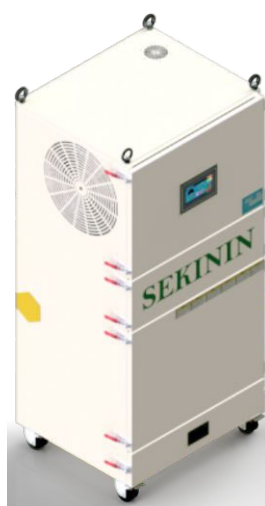


Ultrasonic welding dust removal



New energy power battery automatic production line dust removal intention

## EXTERIOR DRAWING



## PARAMETER TABLE

Name / Model		GY-2200	GY-3700	GY-5500	GY-7500	GY-12500	GY-18500
Dust collector body	Power Supply (V/Hz)	3P 220V/380V / 50Hz					
	Power (kW)	2.2	3.7	5.5	7.5	12.5	18.5
	Air volume (m³/h)	360~420	420~480	600~720	720~840	960~1080	1080~1200
	Closed Static Pressure (KPA)	15~20	25~30	25~30	27~32	25~30	35~40
Filter unit	Filter area (m²)	10.2	10.2	15.5	15.5	23	23
	Filter speed (m/min)	0. 5~0.6	0. 5~0.6	0. 5~0.6	0. 5~0.6	0. 7~0.8	0. 7~0.8
	Specification/Quantity(mm/pcs)	φ180×500L×4个		φ180×500L×6个		φ180×500L×9个	
	Shape/Material	Cartridge filter/polyester (filter media imported from Korea or Japan)					
	Dust shaking method	Automatic pulse blowback jitter (pulse frequency adjustable)					
Device size	A × B × C (mm)	600×600×1592		750×650×1675		900×800× 1807	
	D suction port diameter (mm)	φ50	φ65	φ75	φ75 ~φ100	φ100	φ100~φ125
	E Distance between ground and suction port (mm)	668	668	650	650	637	637
	F flange hole array diameter (mm)	φ95-M6-6		φ120-M6-6		φ145-M6-6	
Compressed air consumption (L/min)		0~30 (adjustable)		0~30 (adjustable)		0~35 (adjustable)	
Dust capacity (L)		35		40		45	
Noise (dB[A])		68±2	70±2	72±2	74±2	76±2	78±2

※ In order to improve product performance, specifications and parameters may be changed.



### Please use dust collector correctly!

- Please read the instruction manual carefully before using it.
- It is forbidden to inhale the following substances, otherwise it may cause an accident.  
sparks, flammable and explosive substances, moisture dust, oily dust
- The dust collector must be grounded to prevent static electricity.
- Do not accumulate dust inside the dust collector, please discharge the collected dust in time.
- The layout of the suction pipe will directly affect the use effect of the dust collector.  
Please arrange it reasonably and keep the pipe as short and straight as possible.
- We provide dust collector suitable for flammable and explosive dust, please consult us for details.
- The dust collector needs to be equipped with spark pretreatment equipment to inhale dust with sparks. please consult us for details.