

BFH - M 濾管式集塵設備

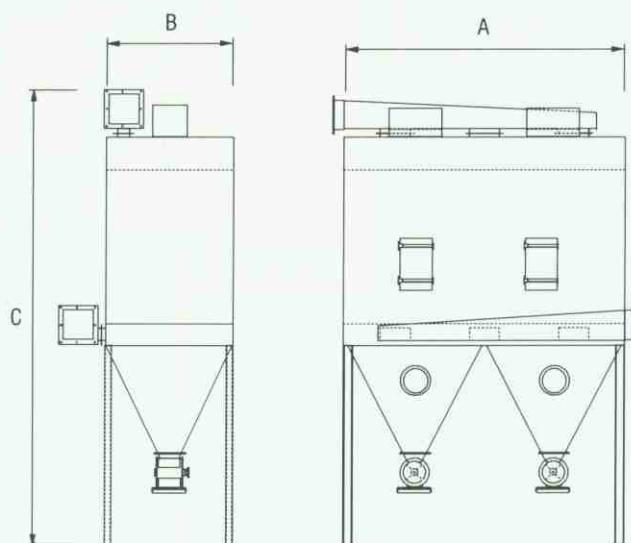
Motorised Shaking Self-cleaning Filtration System

BHF-M型適用於250M³/min風量以內之集塵機，儲存室有單室或多室，如需連續將粉塵排出，可加裝迴轉閥或螺旋輸送機迴轉閥設備，除塵裝置為半自動或自動控制機械式集塵機。

The system operates in the same manner as Model BFH-M. The finer dusts particles are dislodged automatically by motorised vibrations set off periodically by programmed timer.

The operation can carry on continuously by incorporating a rotary valve and screw-drive system for transferring the collected dusts to outside for disposal without the need of an operator. It has a huge capacity and is very efficient- rate 250 m³/min.





型 式 model	馬 力 motor (HP)		風 量 capacity m³/min	靜 壓 pressure mmAq	過 濾 面 積 filter area (m²)	機 械 尺 寸 Dimension of collector		
	集塵 filtration	除塵 shaking				A	B	C
BFM-30	3	1/2	35	220	14	1100	900	4000
BFM-50	5	1/2	50	250	20	1300	1100	4500
BFM-70	7.5	1	75	250	30	1500	1100	5000
BFM-100	10	1	100	250	36	1700	1100	5500
BFM-150	15	1/2 X 2	150	250	60	2400	1400	6000
BFM-200	20	1/2 X 2	200	250	80	2800	1600	6000
BFM-250	25	1 X 2	250	250	100	3500	1600	6000

AF 噴氣式逆洗集塵設備

Air Impulse Self-Cleaning Filtration System

AF集塵設備是採用高壓空氣瞬間噴射逆洗，在集塵過程中，經由時間的控制，分段循環，連續瞬間噴射震落粉塵，所以壓力損失一定，風量變化小，並且可以連續全候使用，配合多功能裝置，均能發揮高性能效益，特別適用於高含塵空氣及連續製程中之集塵設備。

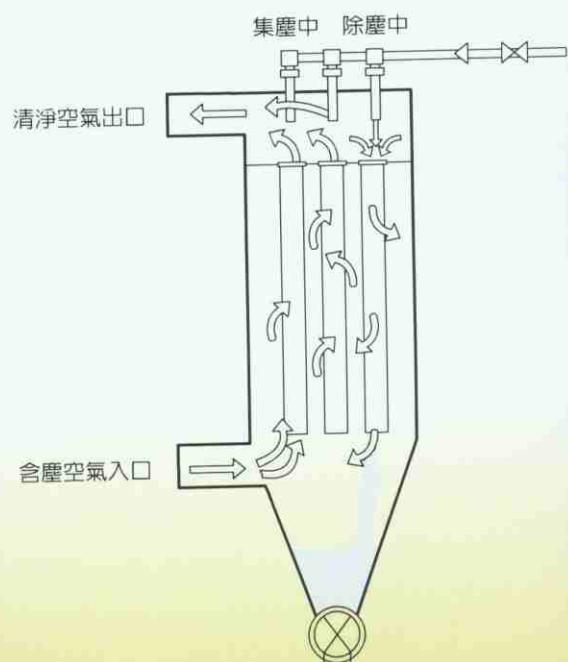
特 徵：

- 1.採用高壓空氣噴射逆洗方式，能瞬間震落粉塵。
- 2.濾管拆裝(更換)是採用上部近接方式，從機外就容易檢查狀態及更換濾管。
- 3.濾管是採用微封式接合設計，在運轉中具緊密性，其拆裝容易簡捷。
(如圖所示)
- 4.塵埃排出裝置採用螺旋輸送機及迴轉閥，將粉塵連續排出。

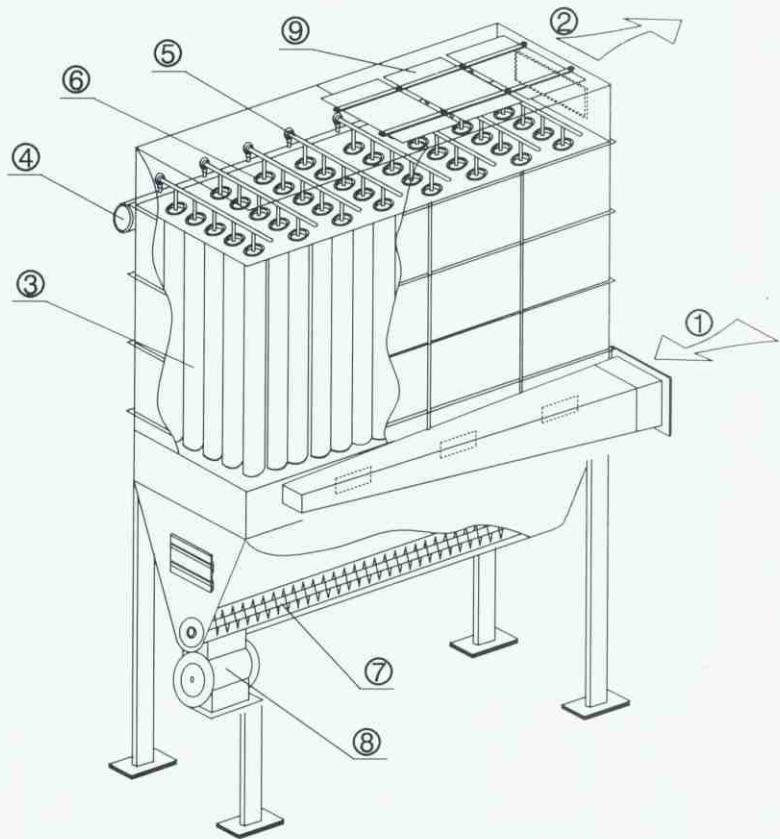
This all weather (indoor/outdoor)filtration system is capable and efficient in filtering large quantity of pollutants at high speeds.

As the dusts are drawn in great volume and great velocity, the coarse particles will drop into the hopper. The finer dusts will stick around the walls of the filters very quickly. A highly charged of compress air is reverse blown inside the filters which will dislodge it into the hopper before it chokes the filters. The compressed air is connected to a series of solenoid-diaphragm valves which operates at fraction of seconds by an electronic or pneumatic programmed timer.

It has a built-in noise diffuser and precision built for long non-stop and environment friendly operations. It is economical to operate on compressed air and easy to maintain.



- 1.含塵空氣入口
 2.清淨空氣入口
 3.濾布管
 4.高壓空氣儲存管
 5.膜片式電磁閥
 6.多段式噴嘴
 7.螺旋輸送機
 8.落料回轉弁
 9.檢查門
 (1)Dusty Air Inlet
 (2)Clean Air Outlet
 (3)Filter Bags
 (4)High Pressure Air Storage Tube
 (5)Control System For Dust Collector
 (6)multi Stage Nozzles
 (7)Screw Drive
 (8)Rotary Valve
 (9)Access Door



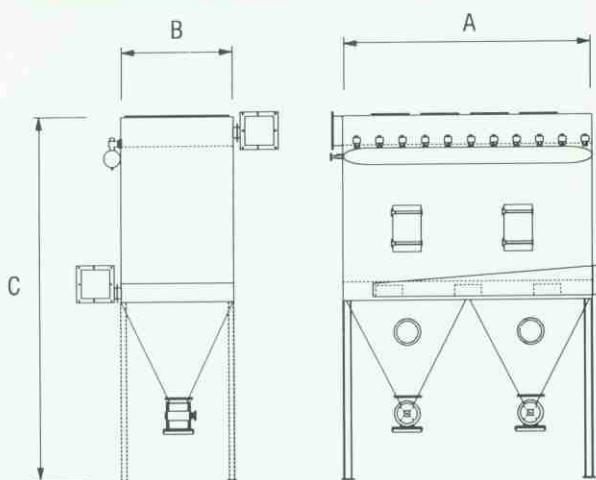
濾布管組立方式(依圖樣步驟1-3)



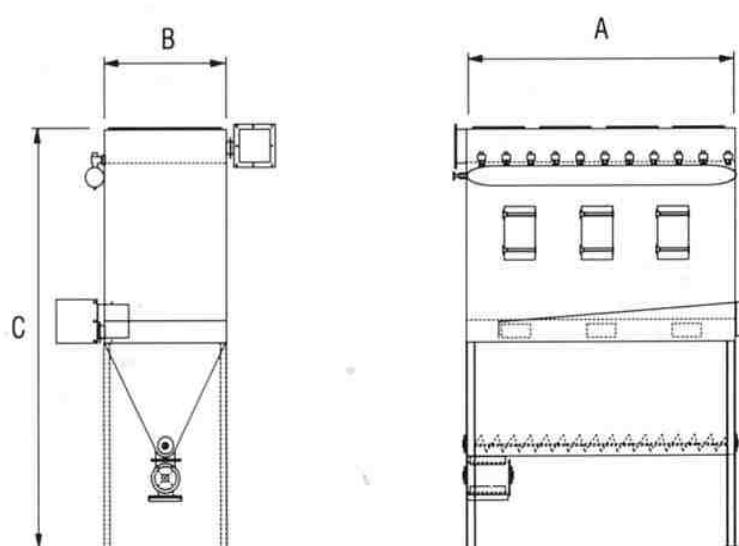
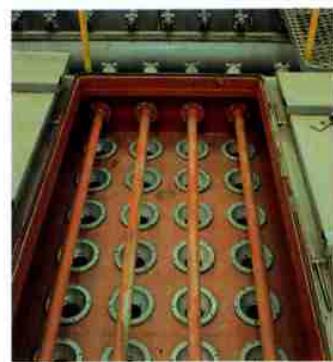
Erecting Method Of Filter Cloth Tube
(follow the step of draft)

AF 噴氣式逆洗集塵設備

Air Impulse Self - Cleaning Filtration system



型 式 model	馬 力 motor HP	風 量 capacity m^3/min	靜 壓 pressure mmAq	過 濾面積 filter area (m^2)	膜 片 門 valves (number)	機 械 尺 寸 Dimension of collector		
						A	B	C
AF-20	2	22	200	10	3	900	600	3600
AF-30	3	35	200	16	4	1100	900	4600
AF-50	5	55	230	24	5	1400	1200	5100
AF-70	7.5	75	250	30	6	1700	1200	5300
AF-100	10	100	250	40	7	2000	1200	5600
AF-150	15	140	260	54	10	2300	1450	5800
AF-200	20	190	260	70	12	2800	1450	5800



型 式 model	馬 力 motor HP	風 量 capacity m^3/min	靜 壓 pressure mmAq	過濾面積 filter area (m^2)	膜 片 門 valves (number)	機 械 尺 寸 Dimension of collector		
						A	B	C
AFM-200	20	190	260	71	12	2800	1450	5800
AFM-250	25	230	260	94	15	3500	1500	5800
AFM-300	30	280	270	110	17	3800	1650	6000
AFM-400	40	350	270	138	20	4500	1650	6300
AFM-500	50	400	300	163	23	4500	2000	6500
AFM-600	60	460	320	181	26	5000	2000	6500
AFM-750	75	500	350	221	31	5500	2400	6800
AFM-1000	100	700	350	292	34	6000	2400	7800

RF 產業用多袋式集塵機

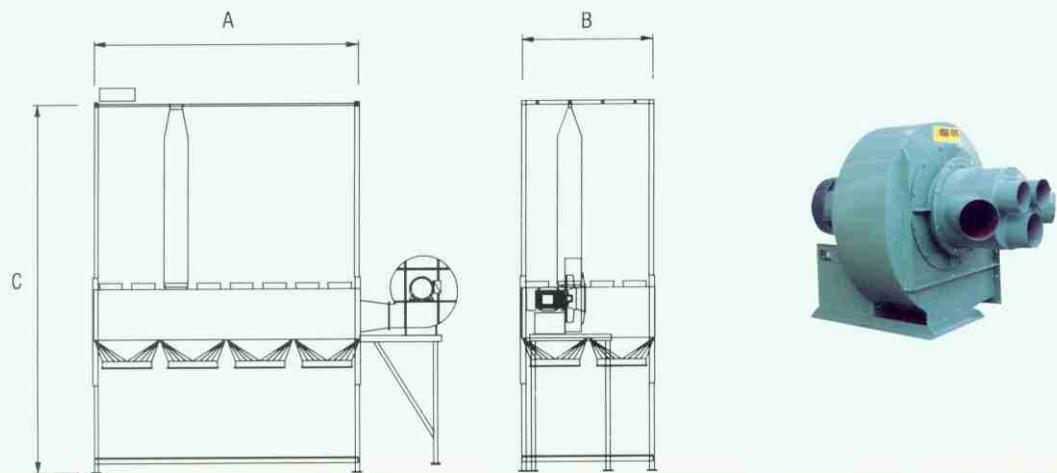
Multiple Filter Bags Filtration System

本集塵機為一般產業用者所特別設計，組合式構造易於按裝，操作容易，及投資最省之多管式高效率集塵機。含塵物是利用儲存袋直接儲存，換裝時間短。

適用場所：木業廠及一般產業高含塵量之集塵。

This system is designed for general production factories which need simple filtration system. This low cost system comes in an easy-to-assemble at site and is cost effective. Its dust disposal bags can be easily disposed or cleaned for re-use. It suits industries which have high density of dust like timber industry.





型 式 model	馬 力 motor HP	風 量 capacity m^3/min	靜 壓 pressure mmAq	過濾面積 filter area (m^2)	吸入口徑 suction ϕ	儲存袋數 disposal bags	機 械 尺 寸 Dimension of collector		
							A	B	C
RF-10	2	24	180	10	180	1	1450	700	3350
RF-20	3	35	200	14	200	2	2250	700	3350
RF-40	5	55	200	20	250	4	2300	1400	3600
RF-60	7.5	85	220	30	300	6	3050	1400	3600
RF-80	10	110	220	40	320	8	3800	1400	3600
RF-100	15	145	240	69	350	10	4700	1400	3800

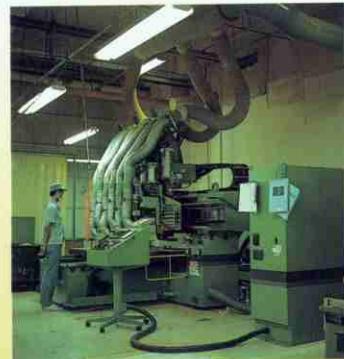
RMF 下沖式濾管集塵機

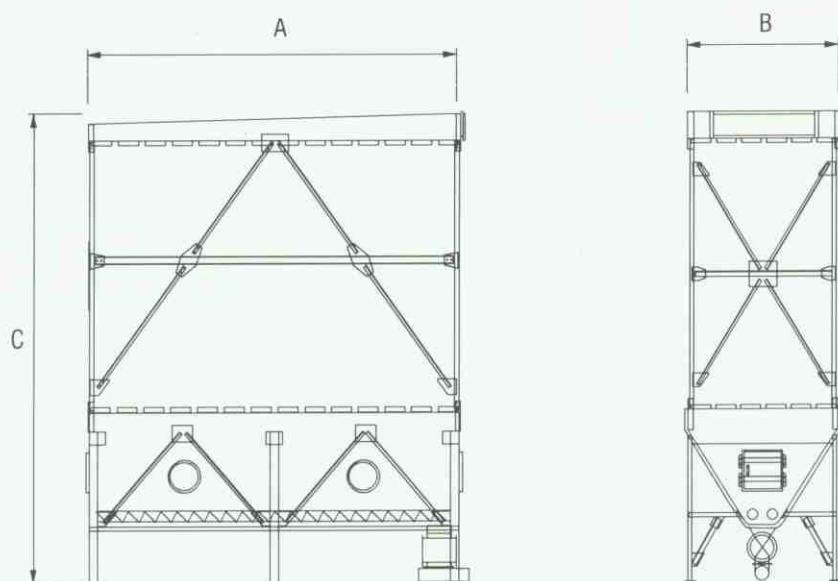
Open Frame Downward Flow Filtration System

本集塵機為下沖式開放型，其粉塵由上層之分管室直接進入濾布管，含塵空氣在濾布管中分離，粉塵直接落至下層之儲存室之儲存袋，或由螺旋輸送機及迴轉閥直接將粉塵排出，故不必裝設複雜之除塵設備，為一種最簡便，集塵效率高之大型集塵機。

適用場所：木業廠及合板廠或高含塵之集塵設備。

The dust are drawn in through the top level of this open frame system and the dust falls by gravity force to the bottom of the disposal bags or hopper which could be transfer externally for disposal. It is not fitted with any sophisticated controls which enables its operation to be simplify and is quite efficient for general medium to heavy industries.





型 式 model	馬 力 motor HP	風 量 capacity m^3/min	靜 壓 pressure mmAq	過濾面積 filter area (m^2)	機 械 尺 寸 Dimension of collector		
					A	B	C
RMF - 200	20	190	240	120	3500	1600	5500
RMF - 250	25	230	240	141	3800	1600	5700
RMF - 300	30	260	260	175	4000	1850	5800
RMF - 400	40	320	280	245	4900	2200	6300
RMF - 500	50	380	280	327	5500	2200	6800
RMF - 600	60	450	300	327	5500	2200	6800
RMF - 750	75-100	550/700	300	653	5500	4400	6800

BFC-M 機械震搖式集塵機

Motorised Impulse Filtration System

榮風震搖式集塵機，高效率設計系列構造，內設頻率搖震除塵裝置，具有連續集塵、除塵、排出塵埃等一系列自動控制系統為其特色，此型式集塵機使用廣泛，而且能夠處理高溫廢氣，處理風量範圍從50M³/min至1000M³/min。

用途：一般常溫下及高粉塵收集。

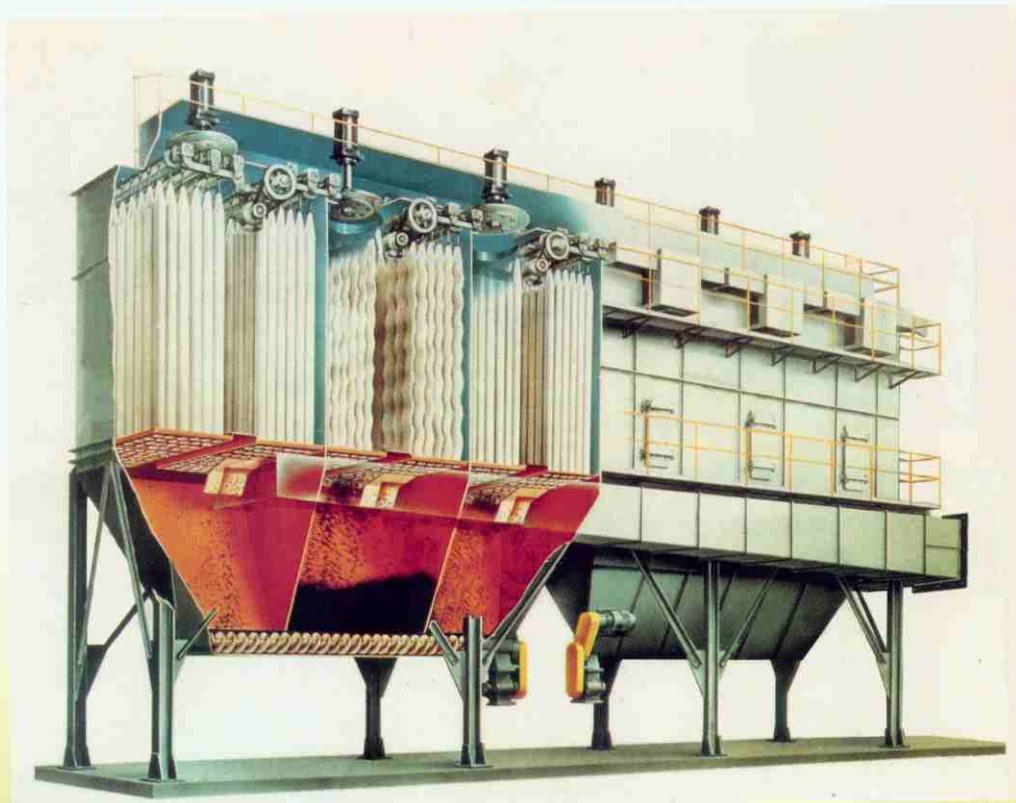
處理溫度：高溫廢氣（熔解爐及反射爐）。

操作方式：間歇式及連續式。

除塵方式：機械式搖震系統（分室除塵）。

RONG FONG HAS DESIGNED THIS SYSTEM FOR ANY INDUSTRIES WHERE HIGH DENSITY OF DUST EXISTS. IT IS VERY EFFICIENT AND ROBUSTLY CONSTRUCTED FOR FILTERING OF GREAT VOLUME OF DUST AT HIGH VELOCITY AND TEMPERATURES. IT IS FULLY AUTOMATIC FOR LONG HOURS OF OPERATIONS AND DISPOSAL OF THE COLLECTED DUST CONTINUOUSLY.

IT IS MOST SUITABLE FOR FILTERING OF ASBESTOS, CEMENT, CERAMICS, CHEMICALS, COAL, DETERGENTS, FERTILIZERS, FLOUR, FOOD STUFFS, GLASS, GRAPHITE, INSECTICIDES, METAL COMPOUNDS, MINERALS, MINERALS, PHARMACEUTICALS, PIGMENTS, PLASTICS, ETC.





MCS 多管型離心式集塵機

MULTI-TUBE CYCLONE SYSTEM

多管型集塵機是由數支以上小型旋風離心器所組成，內設軸流導片式及梯型設計，能將高含塵氣體均衡，順著切線方向分佈進入導片式離心器，高效率發揮離心力原理，瞬間將含塵（粒）空氣完全分離除塵。

處理風量：80 M³/min～1000 M³/min

特點：構造堅實，維護容易。

效率高，處理風量大，及高含塵(粒)收集，
壓力損失穩定。

用途：鍋爐及燃燒設備排出高溫之粉塵收集及其

他一般用途之集塵。

操作方式：可連續全天候作業

迴轉閥裝置，連續將塵埃排出。

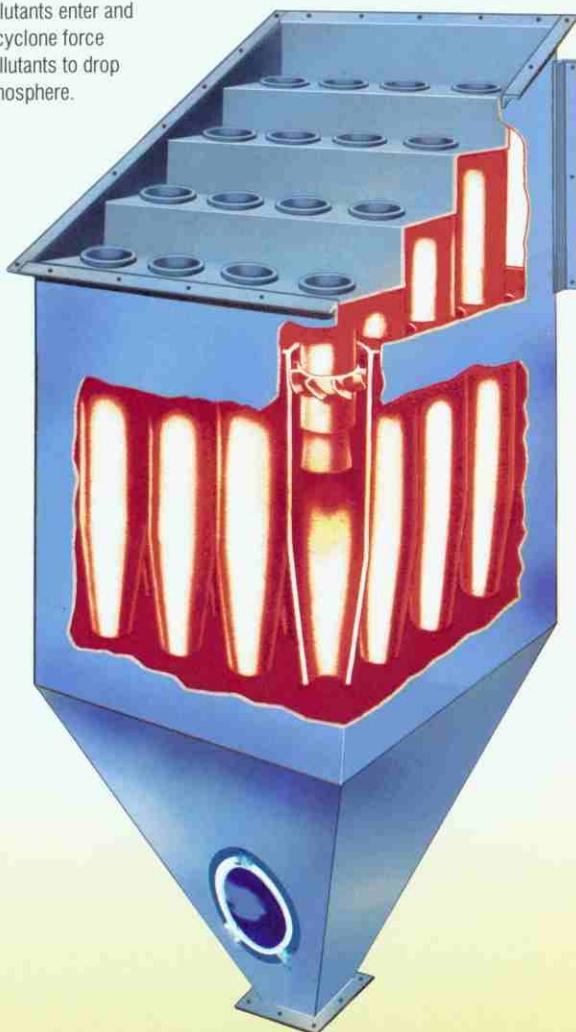
This system consists of multiple tubes with vanes fitted. As the pollutants enter and flow through the vanes which whirls it around like a cyclone. This cyclone force separates the coarse pollutants for "recycle" and allows the fine pollutants to drop into the hopper by centrifugal force. The purified air rises to the atmosphere.

Filtering Rate: 80 m³/min-1000 m³/min

Features: Compact and robustly built

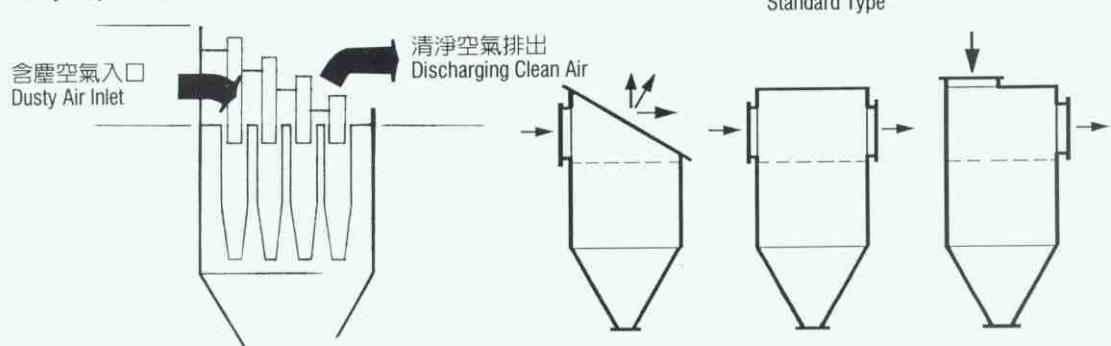
- Very efficient-filter all pollutants
- Economic and 24-hour operations
- Low and easy maintenance
- Easy installation-to suit operation needs
- Flexible design-easy to adapt to industries' plants and space

Applications :High pollution industries, e.g. using spreader fired boiler.



不同管路配置，有效應用之機型設計(圖樣)

Easy adaption to rear, above below other equipment in existing plants

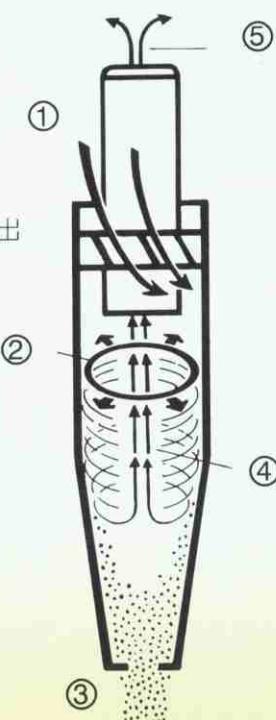


高效率離心式原理設計

It is designed in accordance with high-efficiency & centrifugal principle

- ① 含塵空氣依軸流方向進入
- ② 離心力原理分離粉塵
- ③ 粉塵排出至儲存室
- ④ 清潔空氣上升，通過中心真空排出
- ⑤ 清潔空氣排出方向

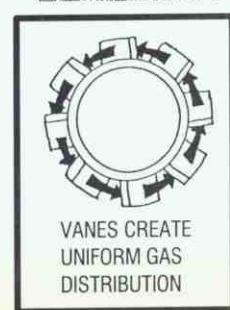
1. Dirty gas enters and is whirled by vanes
2. Centrifugal action separates dust
3. Dust drops into hopper
4. Clean gases rise through center to outlet tube
5. Clean gas is discharged from outlet



軸流導向式設計



含塵氣體正確流向



空氣集塵輸送設備

EXTRACTION,SEPARATOR,FILTRATION AND TRANSFER SYSTEM

空氣集塵輸送設備是一種利用抽送風機之能量，使空氣流動，將含塵（料）空氣經集塵機收塵（料）後，將物料送到指定位置之設備。它具有管路，不受地形或地上物之限制，品質及衛生管理容易，能夠做連續定量輸送，依其特性可分為吸引式、壓送式、吸送式三種，且在輸送中或輸送終端可同時做混合、分級、乾燥、加熱、冷卻及包裝等作業，是一種省力化、合理化、無塵化之輸送設備，在現代之產業製造過程，很多都依照此方式，如水泥、化學、塑膠、飼料、食品、製藥廠等。

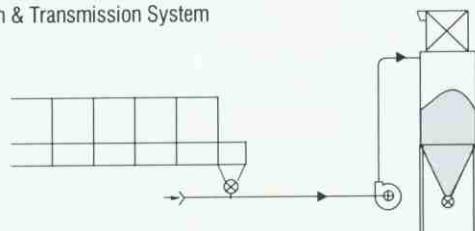
本公司具有多年設計施工之經驗，能為你解決物料集塵及輸送上之困擾。

Rong Fong has designed this system for the extraction or unloading of bulk of products or materials, such as grain, separates the products, filters the dust and transfer the products to a holding area, such as a silo. It uses highly compressed air for the transmission of the product.

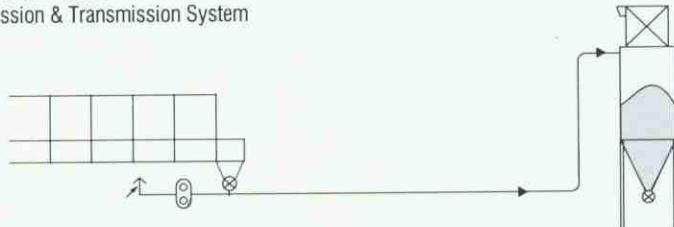
It-

- i) is robustly constructed and reliable continuously long hours of operation
 - ii) is efficient and economical to operate and maintain
 - iii) is clean, hygienic and environment friendly
 - iv) can mix or dilute or dry or heat up or cool its products
 - v) uses ductings for transfer that need not follow building or land lines
- This system is often used by many large and dusty industries-

吸送式系統
Suction & Transmission System



壓送式系統
Pression & Transmission System



吸引式系統
Suction System

