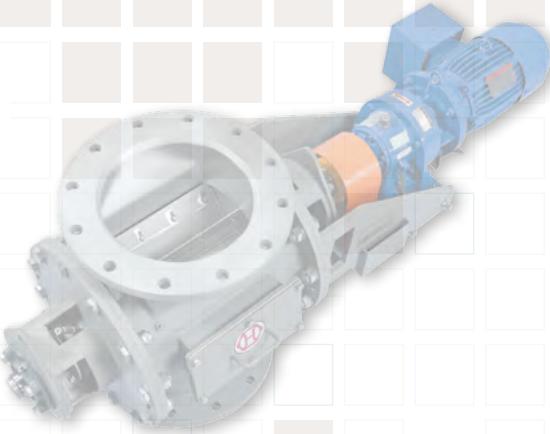


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空氣分級機

Air Separator

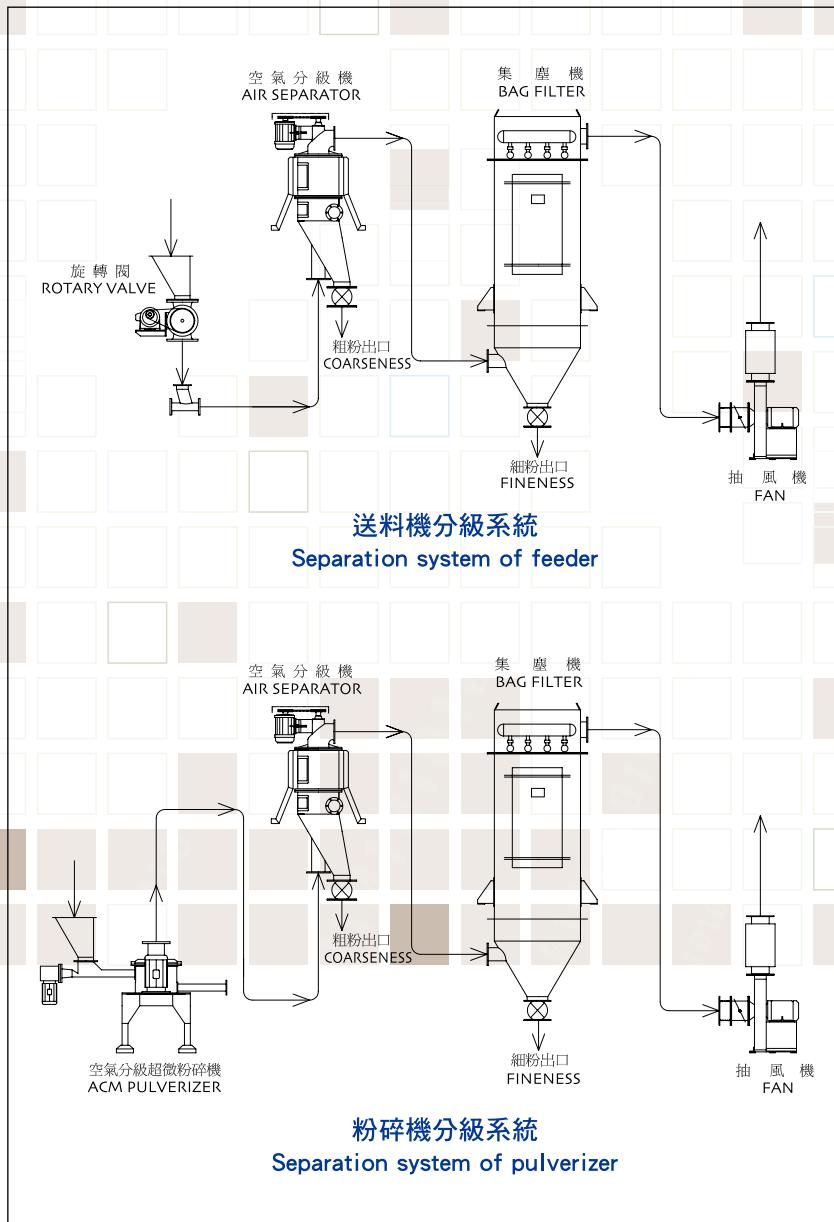
空氣分級機是利用風扇葉片迴轉的速度把粉體粒徑的大小作區分。針對篩網無法分級之精細粉體施以高效率、高精確的分級。是一種可靠性高及好操作的設備，可作為送料機的分級系統及配合超微粉碎機做密閉迴路運轉系統使用。

The air separator can separate smaller particles from larger ones with the speed of blade rotation. It is a reliable and easy-to-operate equipment that provides highly efficient and accurate separation of powdery particles that sifts cannot. This separator can be used as the separation system of feeder, and integrated in an atomizer as a closed-circuit operating system.

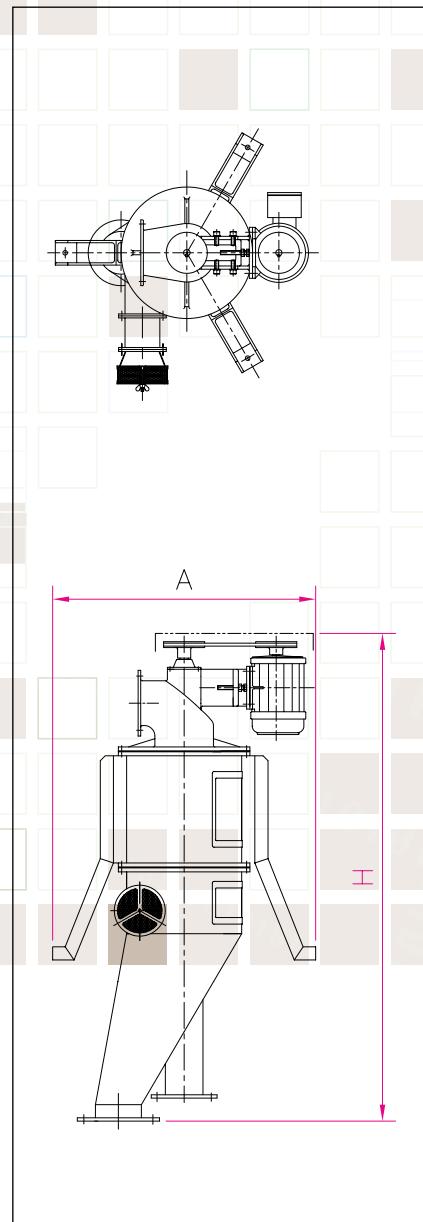


外型圖 Outline diagram

流程圖 Flow chart



尺寸圖 Dimension diagram



空氣分級機（規格表） Specification of Air Separator

規格 Specification		形式 Type	AS-01	AS-02	AS-03	AS-04	AS-05	AS-06	AS-07
需要動力 Power Requirement	HP	1	2	3	5	10	15	30	
回轉子轉數 Revolution of Rotor	MAX r.p.m	2300	1700	1500	1100	800	550	400	
使用風量 Quantity of Air	$m^3/min.$	10~15	25~40	50~80	100~150	200~300	400~600	800~1200	
概略尺寸 Roughing-in dimension (mm)	A	mm	800	900	1300	1700	2500	2800	3500
	H	mm	1500	2150	2700	3200	5500	7000	9000
概略重量 Approximate Weight		kg	150	300	600	1200	3000	6000	12000



旋風分離器

Cyclone

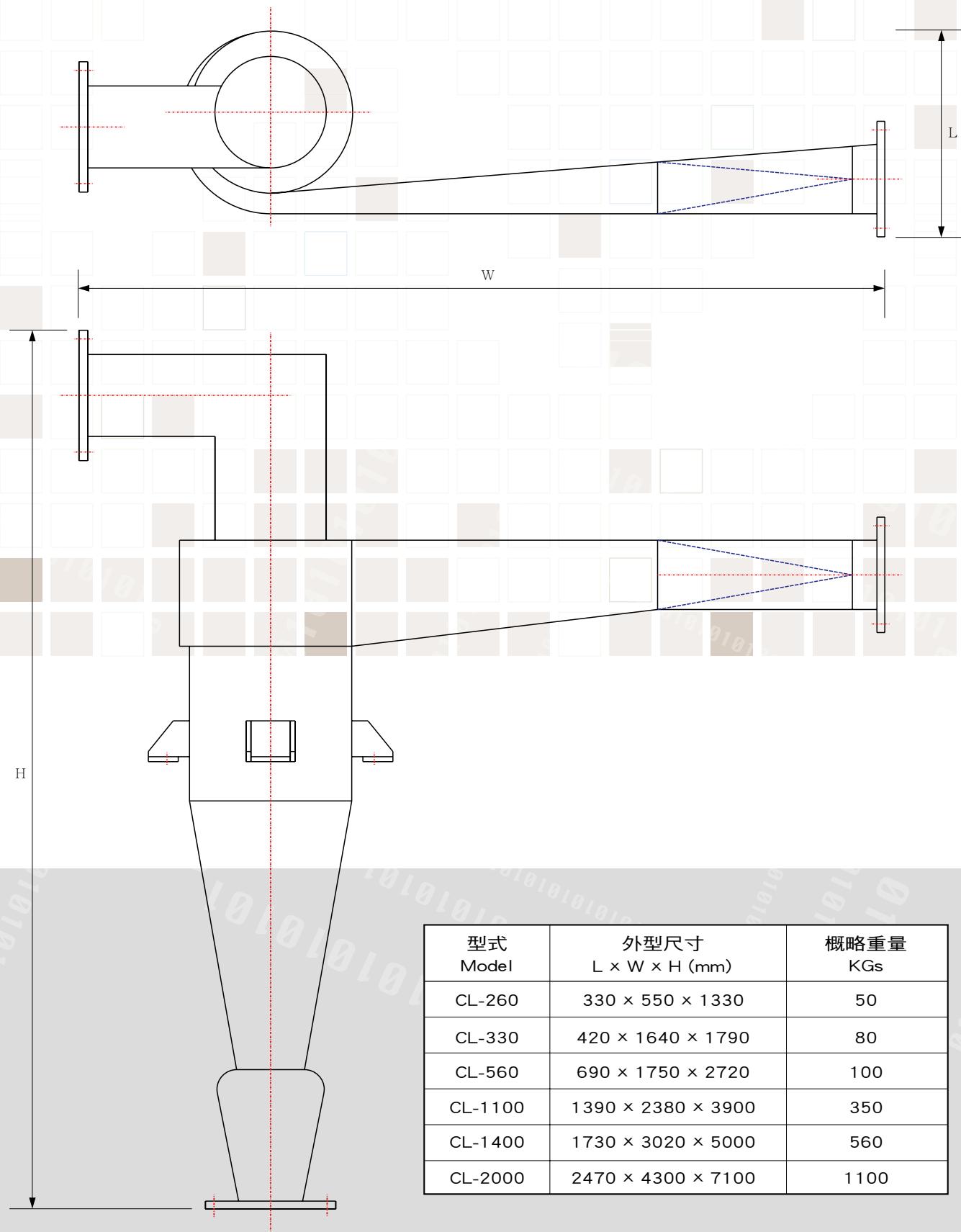
旋風分離器是利用含塵氣體高速旋轉產生的慣性離心力，而使粉塵顆粒與氣體分離的一種直接式收塵設備，具有結構簡單、操作方便、容易維修等特性。

Cyclone is to use the inertia centrifugal force generated from the high-speed rotation of dust-contained gas to separate the particles in powdered dust from gas. It is direct vertical dust collection equipment characterized with simplified structure, convenience of operation and ease of maintenance, etc.



外型圖 Outline diagram

尺寸圖 Dimension diagram



型式 Model	外型尺寸 L × W × H (mm)	概略重量 KGs
CL-260	330 × 550 × 1330	50
CL-330	420 × 1640 × 1790	80
CL-560	690 × 1750 × 2720	100
CL-1100	1390 × 2380 × 3900	350
CL-1400	1730 × 3020 × 5000	560
CL-2000	2470 × 4300 × 7100	1100



袋式集塵機

Bag Filter

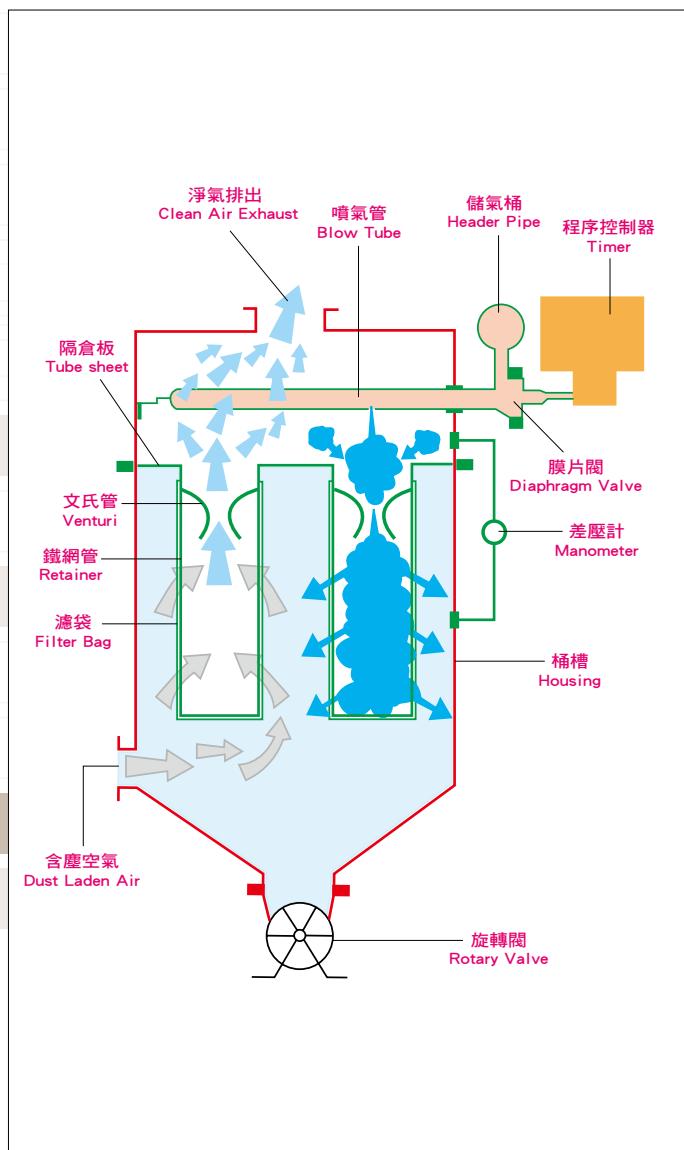
全自動脈衝式集塵機係利用多孔纖維濾布將含塵氣體中的粉塵過濾出來，再利用高壓空氣噴射方式來清洗的濾過式集塵機，可用於粉體產品的收集及環保中空氣污染防治等用途，且有全自動連續運轉，收塵量大、效率高、故障率小等特性。備有普通型、耐高壓型、防爆型及上抽式或下抽式等多種機型，可按照用途、目的、場所來搭配選用。

Filtration of powdered dust from dust-contained gas by filtration cloth made of porous fiber and cleaning in a high-pressure air jet manner, this fully automatic pulsation type dust collector can be applied to the collection of powder products and the protection of air pollution for environmental protection, etc. with dust collection in large volume during fully automatic and continuous operation, high efficiency, lessened failure rate, etc. characterized. Varieties of machine models are available: General Type, High-pressure-resistant Type, Explosion-proof Type, Upstream or Downstream Type, etc. to mix and match with the field applications.

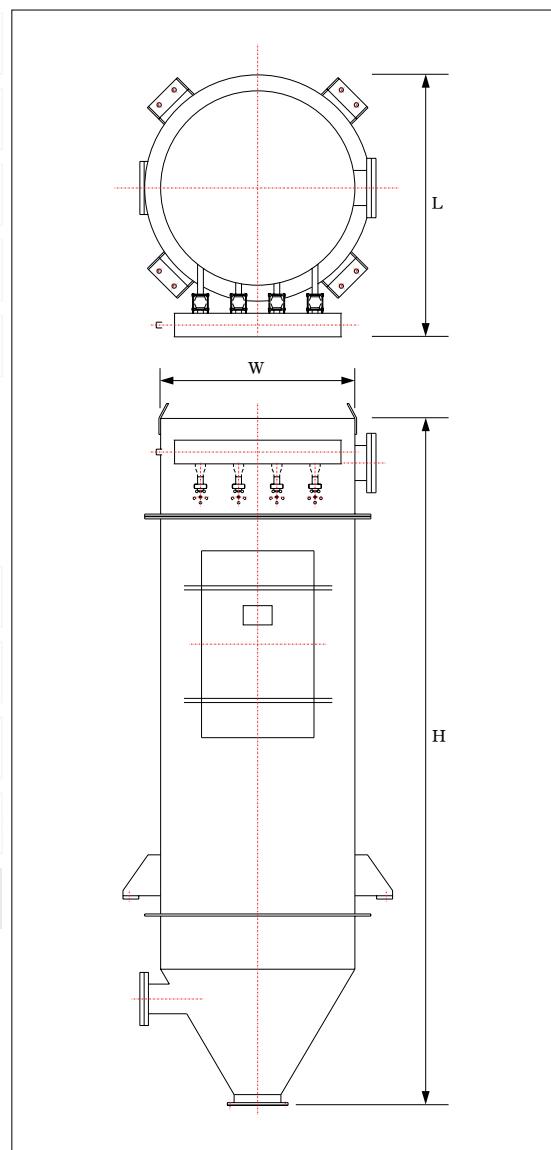


外型圖 Outline diagram

逆洗脈衝結構圖 Backwash pulsation Structure diagram



尺寸圖 Dimension diagram



CP型集塵機 CP model bag filter

型式 Model	過濾面積/m ² Filtration area	外型尺寸 L × W × H(mm)	概略重量 KGs	型式 Model	過濾面積/m ² Filtration area	外型尺寸 L × W × H(mm)	概略重量 KGs
CP-6-9	6	1100 × 760 × 3100	350	CP-8-9	8	1100 × 760 × 3700	400
CP-6-16	10.5	1300 × 920 × 3200	400	CP-8-16	14	1300 × 920 × 3800	450
CP-6-21	13.5	1400 × 1100 × 3400	500	CP-8-21	18	1400 × 1100 × 4000	550
CP-6-25	16	1600 × 1250 × 3500	600	CP-8-25	21	1600 × 1250 × 4100	600
CP-6-37	24	1600 × 1350 × 3600	700	CP-8-37	32	1600 × 1350 × 4200	750
CP-6-45	29	1800 × 1550 × 3800	800	CP-8-45	38.5	1800 × 1550 × 4400	900
CP-6-57	36.5	2000 × 1700 × 3900	900	CP-8-57	48.5	2000 × 1700 × 4500	1000
CP-6-69	45	2200 × 1850 × 4000	1000	CP-8-69	60	2200 × 1850 × 4600	1200
CP-6-78	50	2400 × 2000 × 4200	1100	CP-8-78	67	2400 × 2000 × 4800	1300
CP-6-97	62.5	2700 × 2200 × 4300	1500	CP-8-97	83.5	2700 × 2200 × 4900	1700



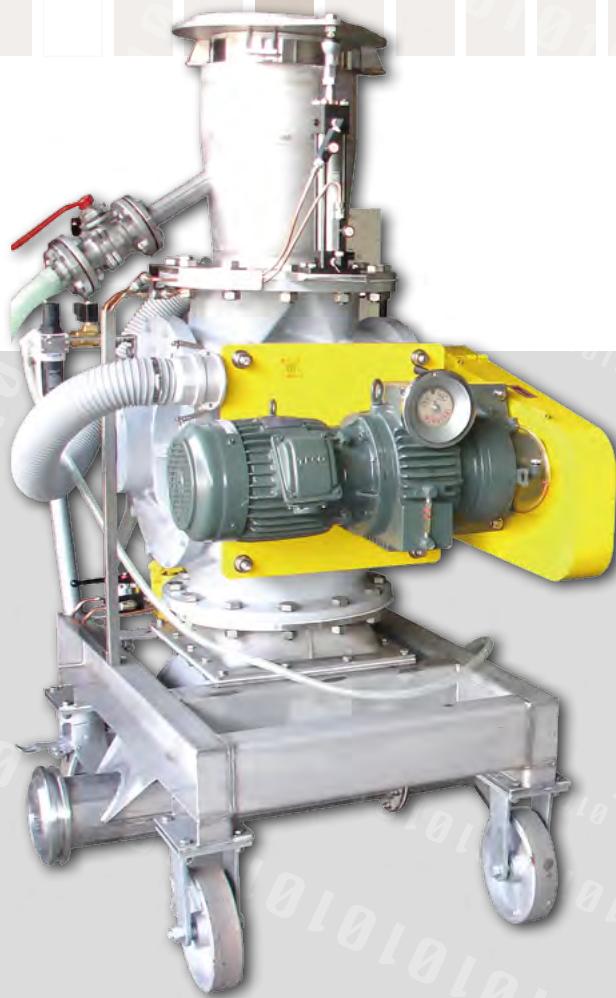
華穎精密機械
Huayin Precision Machinery

旋轉閥

Rotary Valve

旋轉閥適用於各種桶槽及集塵機和旋風分離器等粉粒體排出供給用，除標準規格化外，可依客戶粉粒體特殊處理需求訂製，具有操作簡單、清掃容易、供給正常、堅固耐用等特性。

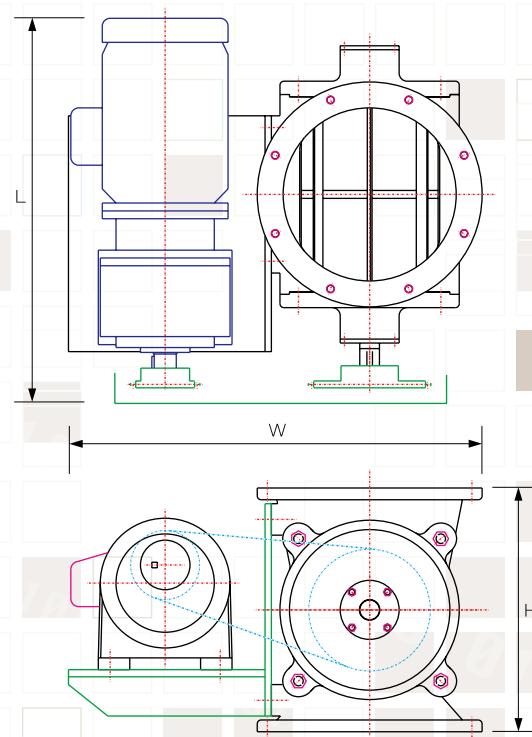
Rotary valve is applicable to discharge and supply pulverized powders from variety of drums & tanks, dust collector and cyclones, etc. In addition to its standardized specifications, it can be customized in accordance with the requirements of special treatment for customer. It is featured simple operation, ease of cleaning, regular supply and rigidity & durability, etc.



RV-NI (普通型旋轉閥) General Type Rotary Valve



尺寸圖 Dimension diagram

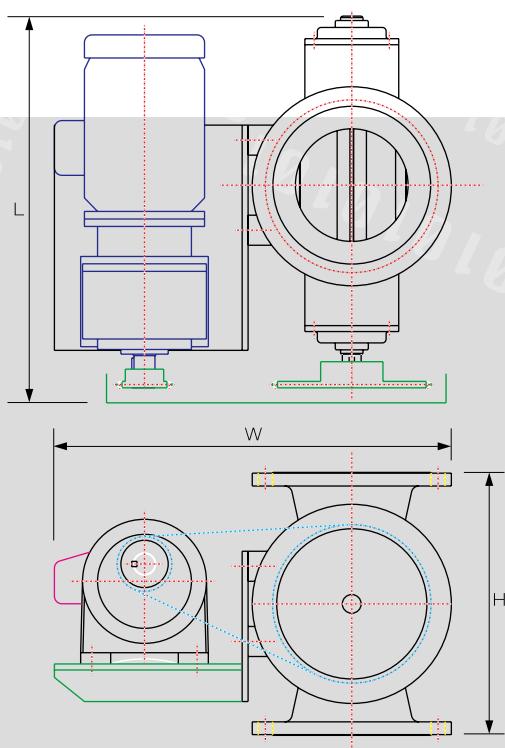


普通型規格 (General Type)

型式 Model	外型尺寸 L × W × H (mm)	馬力 HP	概略重量 KGs
RV-5NI	420 × 440 × 220	1/2	60
RV-6NI	440 × 480 × 260	1/2	70
RV-8NI	460 × 570 × 310	1/2	80
RV-10NI	710 × 880 × 400	1	100
RV-12NI	1100 × 1360 × 450	1	150

RV-TI (氣密型旋轉閥) Airtight Type Rotary Valve

尺寸圖 Dimension diagram



氣密型規格 (Airtight Type)

型式 Model	外型尺寸 L × W × H (mm)	馬力 HP	概略重量 KGs
RV-5TI	420 × 530 × 300	1/2	80
RV-6TI	500 × 630 × 350	1/2	100
RV-8TI	620 × 730 × 420	1	150
RV-10TI	780 × 900 × 520	2	250
RV-12TI	1200 × 1400 × 600	3	350



華穎精密機械
Huayin Precision Machinery

吸料機 Suction Machine



空氣炮 Air Bluster



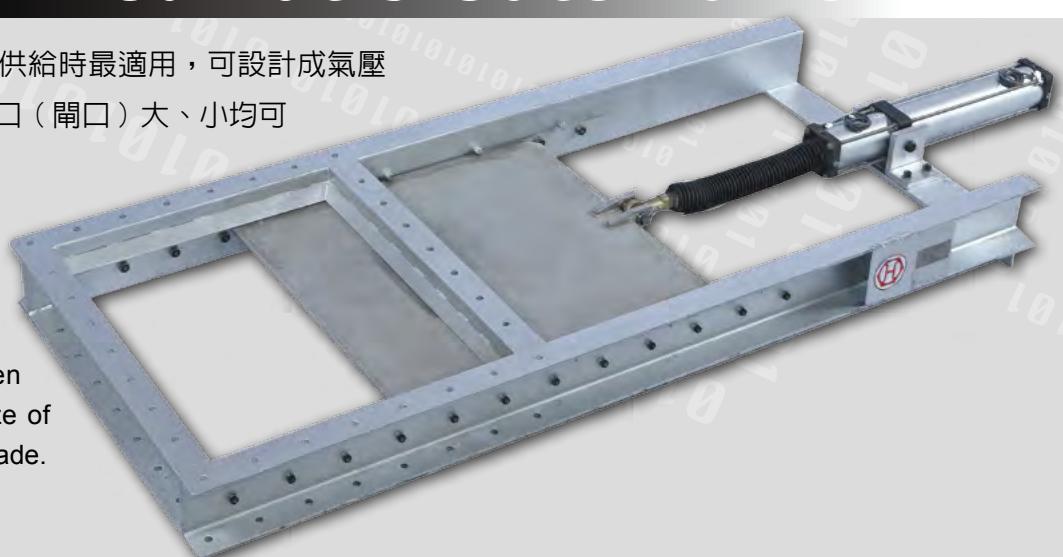
噴霧乾燥機 Spray Dryer



閘刀閥 Pneumatic Gate Valve

對需要大面積排料做定量供給時最適用，可設計成氣壓式或電動式來操作，排料口（閘口）大、小均可量身訂製。

Best for discharge gates with wide opening area and that supply material in fixed amount. Comes in pneumatic or electric driven mode of operation. The size of discharge gate is custom-made.





架橋破壞機

Bin Activator

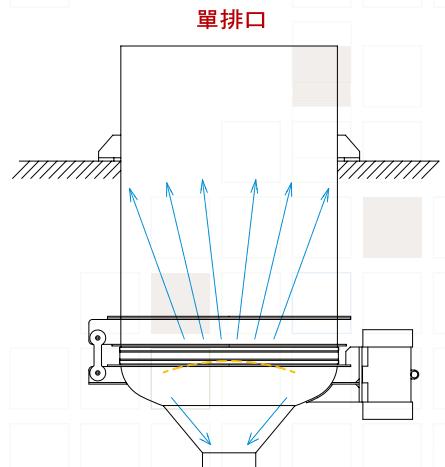
本機器是裝在貯槽下端，利用振動馬達振盪下料斗，使原料抖動達到破架橋功能，讓原料連續、確實、安靜地完全排出，對大貯槽或須考量使用空間之場所最為適用。

This machine is to be mounted beneath the bin that can use the vibration motor to shake the loading hopper and make the raw materials vibrated to break thereof bridging function so that the raw materials can be continuously, truly, quietly and totally discharged. It is most suitable for a bin of large size or a space where the height is concerned.



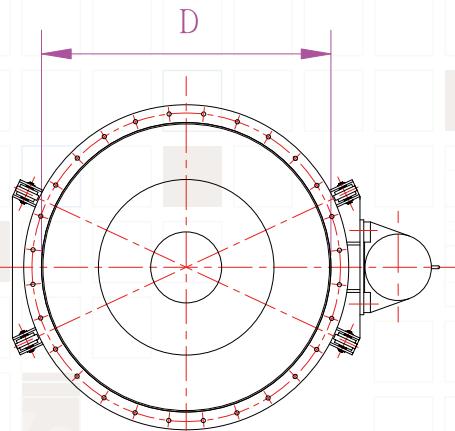
外型圖 Outline diagram

桶槽裝置 Drum device

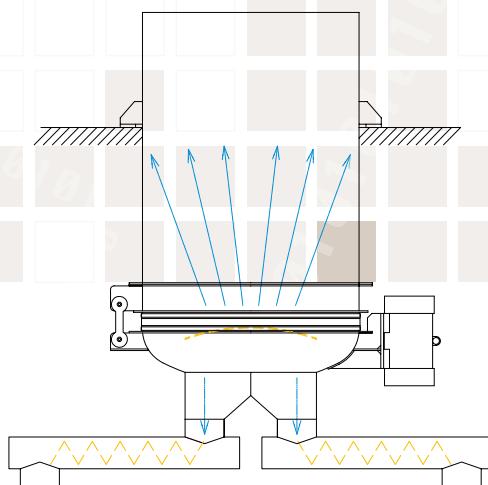


單排口

尺寸圖 Dimension diagram



雙排口



架橋破壞器規格 Bin Activator Specification

型式 Model		BA-2	BA-3	BA-4	BA-5	BA-6	BA-7	BA-8	BA-10	BA-12
馬力 Horse Power	HP	1	1	2	2	3	3	3	3	3
概略尺寸 Approximate dimension (mm)	D	620	920	1220	1520	1820	2120	2420	3020	3630
	H	550	710	860	970	1110	1260	1400	1750	2040
概略重量 Approximate Weight	KGS	330	350	380	570	750	900	1300	1750	2200



振篩排料機

Vibro Discharger

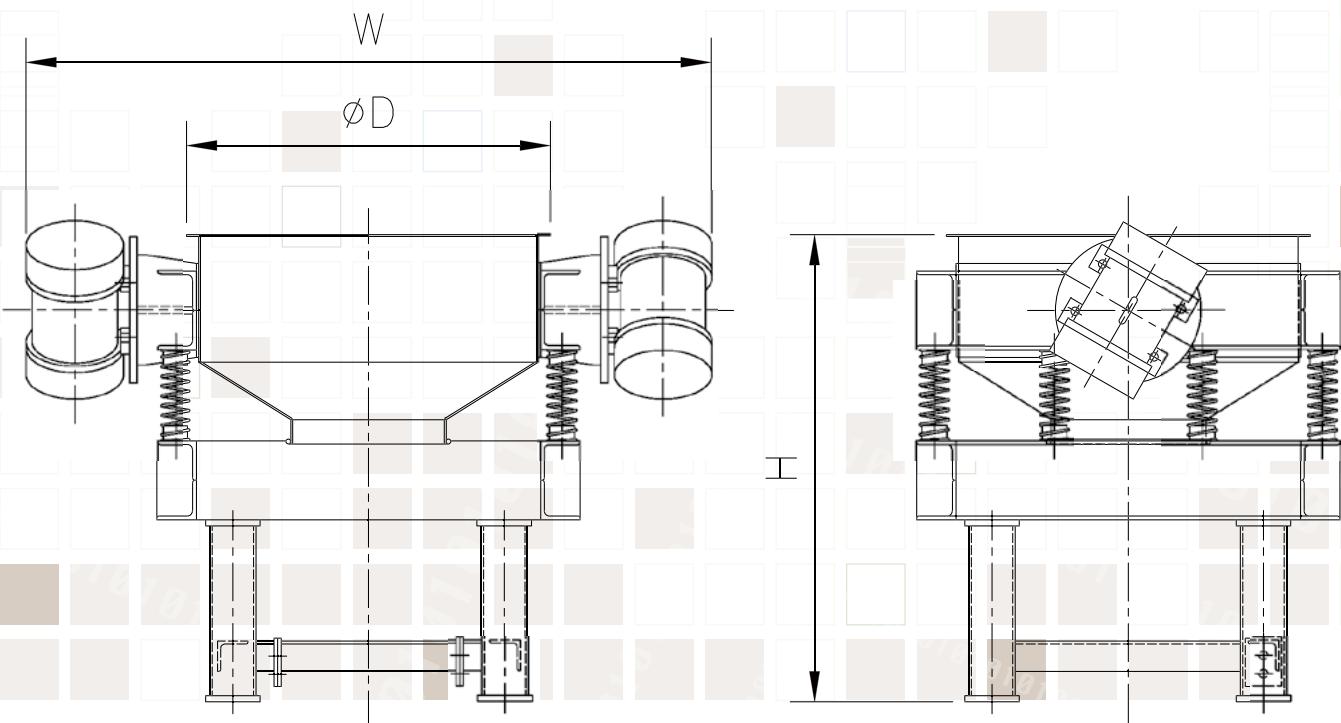
本機器是裝在貯槽下端，利用振動馬達振盪下料斗，使原料抖動達到破架橋功能，讓原料連續、確實、安靜地完全排出，對大貯槽或須考量使用空間之場所最為適用。

This machine is to be mounted beneath the bin that can use the vibration motor to shake the loading hopper and make the raw materials vibrated to break thereof bridging function so that the raw materials can be continuously, truly, quietly and totally discharged. It is most suitable for a bin of large size or a space where the height is concerned.



外型圖 Outline diagram

尺寸圖 Dimension diagram



規格表 Specification table

規格 Specifications		型式 Model	VSD-600	VSD-1000	VSD-1200	VSD-1300	VSD-1400	VSD-1500
馬力 HP	HP		$2 \times \frac{1}{4}$	$2 \times \frac{1}{3}$	$2 \times \frac{1}{3}$	$2 \times \frac{1}{2}$	$2 \times \frac{1}{2}$	2×1
概略尺寸 Approximate dimension	D		600	970	1170	1270	1370	1470
	W		1130	1580	1800	2000	2100	2200
	H		770	770	870	870	970	970
概略重量 Approximate weight	KGS		145	185	220	280	320	400



旋轉式磁選機

Rotary Magnetic Separator

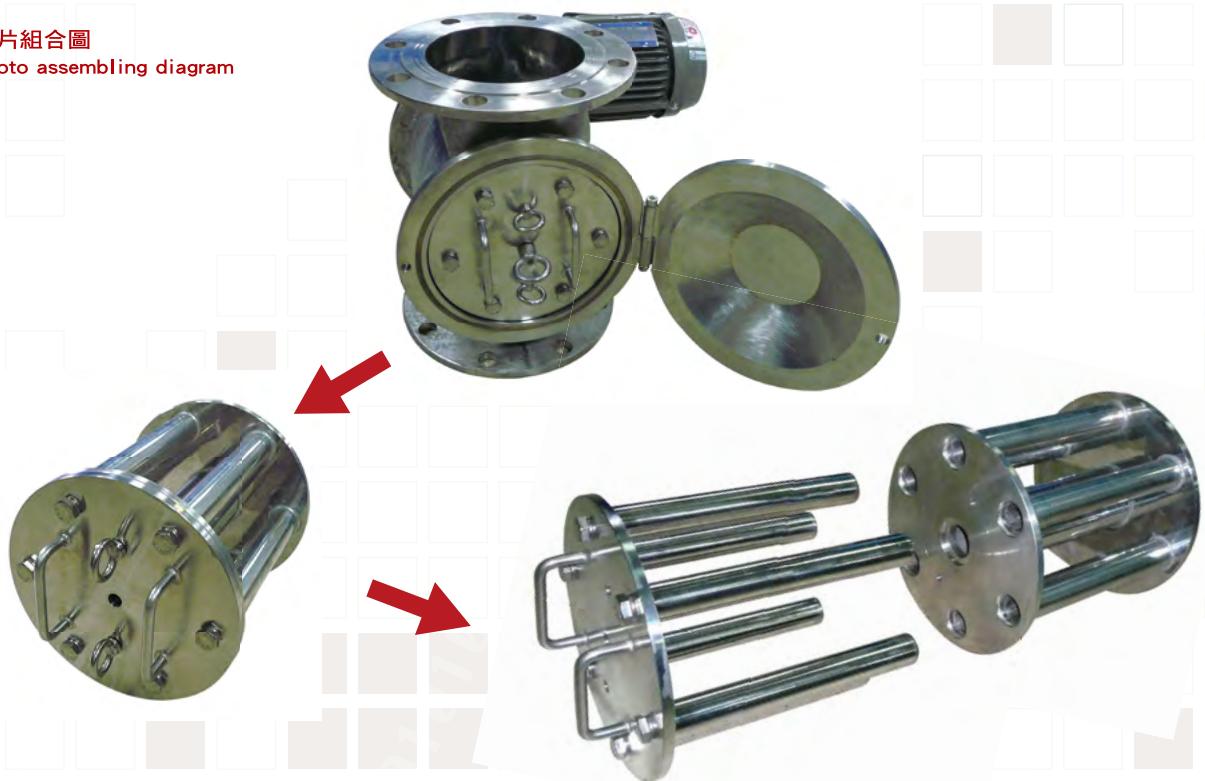
此機是利用旋轉閥結構，搭配高高斯磁選器，作為粉體內金屬殘屑物的排除功能，可裝於儲槽上下端或管路中間段。具有快速拆裝、清掃容易、供給正常，操作簡單等特性。

This machine is using Rotary valve structure, incorporated with high Gauss magnetic devices, as the metal debris remover inside the powder. It can be installed on either the top, bottom of the storage tank or the middle section of piping. It can be installed and removed rapidly, easy cleaning, normal supply, simple operation characteristics.

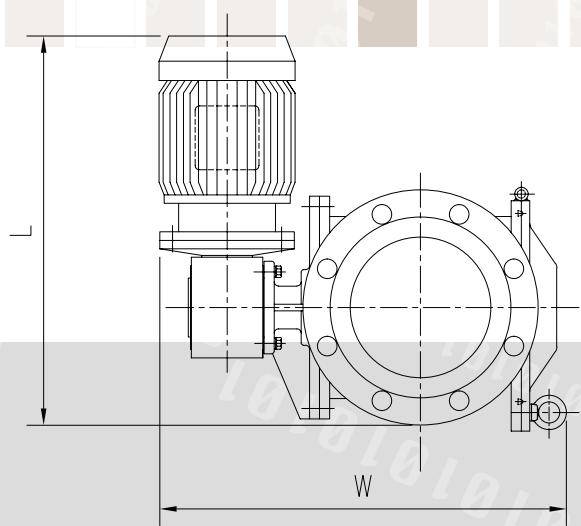


外型圖 Outline diagram

相片組合圖
Photo assembling diagram

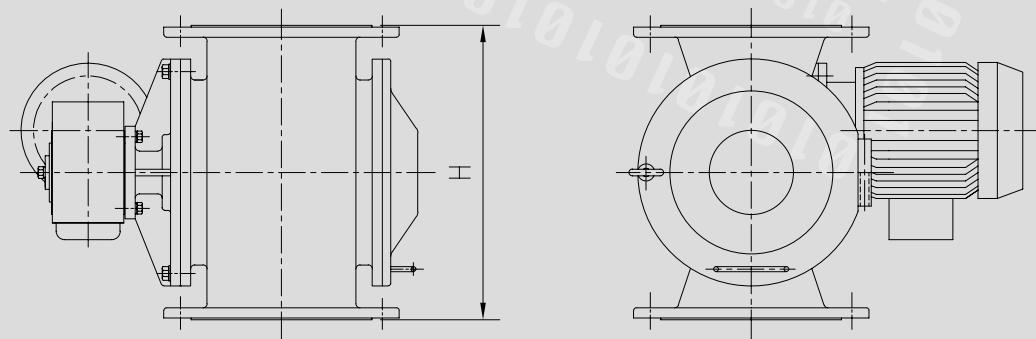


尺寸圖 Dimension diagram



規格表 Specification table

型式 Model	外型尺寸 Approximate dimension L×W×H	馬力 HP	概略重量 Approximate weight KGS
RM-100	420×400×250	$\frac{1}{2}$	55
RM-125	420×450×300	$\frac{1}{2}$	60
RM-150	480×500×350	$\frac{1}{2}$	70
RM-200	650×700×400	1	100
RM-250	850×900×450	1	150





螺運機

Screw Conveyor

以螺旋葉片運轉，對物料作最直接、快速、簡便式運送，適合各類粉粒體，可按輸送量及距離客製化。

Screw propellers are rotated to provide the most direct, fast and simple conveyance of materials. Suitable for diverse types of powdered or granular materials, can be custom made according to the capacity and distance of delivery.



擠出機 Extruder



加熱儲槽 Storage Bin

可適用於粉、液體的儲桶，如需加熱或冷卻，可
加裝管路或夾套等設備，桶身外型及尺寸，均可
量身訂製。

Suitable for the storage of powders or liquids. Extra equipment such as piping or jacket can be installed if heating or cooling is required. The outer design and the size of the bin can be custom-made.





三軸高黏度變速(真空)攪拌機

High Viscosity Three Shafts Mixer (Vacuum Type)

用途

適用於各式樹脂 / 油漆 / 油墨 / PU樹脂 // 砂利康膠 / 化妝品 / 食品原料 / 藥膏 ... 等高黏稠度原料的均勻攪拌。

特性說明

- ※ 三軸攪拌機是針對流動性不佳的高黏度原料攪拌功能的需求設計，中間攪拌軸錨形攪拌葉配置鐵弗龍刮板，攪拌運轉時可刮桶邊及桶底。兩側高速攪拌軸各自單獨馬達運轉，攪拌葉為盤齒形葉片，單支攪拌軸的葉片可依作業黏度須要增加。三支攪拌軸皆配置變頻器可單獨無段變速控制攪拌轉速。
- ※ 拱門型雙油壓軸結構，上攪拌機座用油壓系統控制上升及下降。真空泵浦裝置於上機座上方，銜接真空蓋。攪拌桶底裝置輪子可移出攪拌位置，可以用多個攪拌桶輪流攪拌作業。攪拌桶放置於攪拌軸下方定位後，有兩支固定銷用油壓系統控制將攪拌桶定位固定，使上蓋與攪拌桶對稱，避免攪拌桶攪拌作業時晃動。
- ※ 攪拌適用黏度 30,000~200,000cps，如搭配加熱系統及真空系統使用黏度可達 500,000cps。

Applications:

Even distribution and mixing of highly viscous materials, such as resins, paints, ink, PU resin, silicone gel, cosmetics, food materials, ointments, and many more.

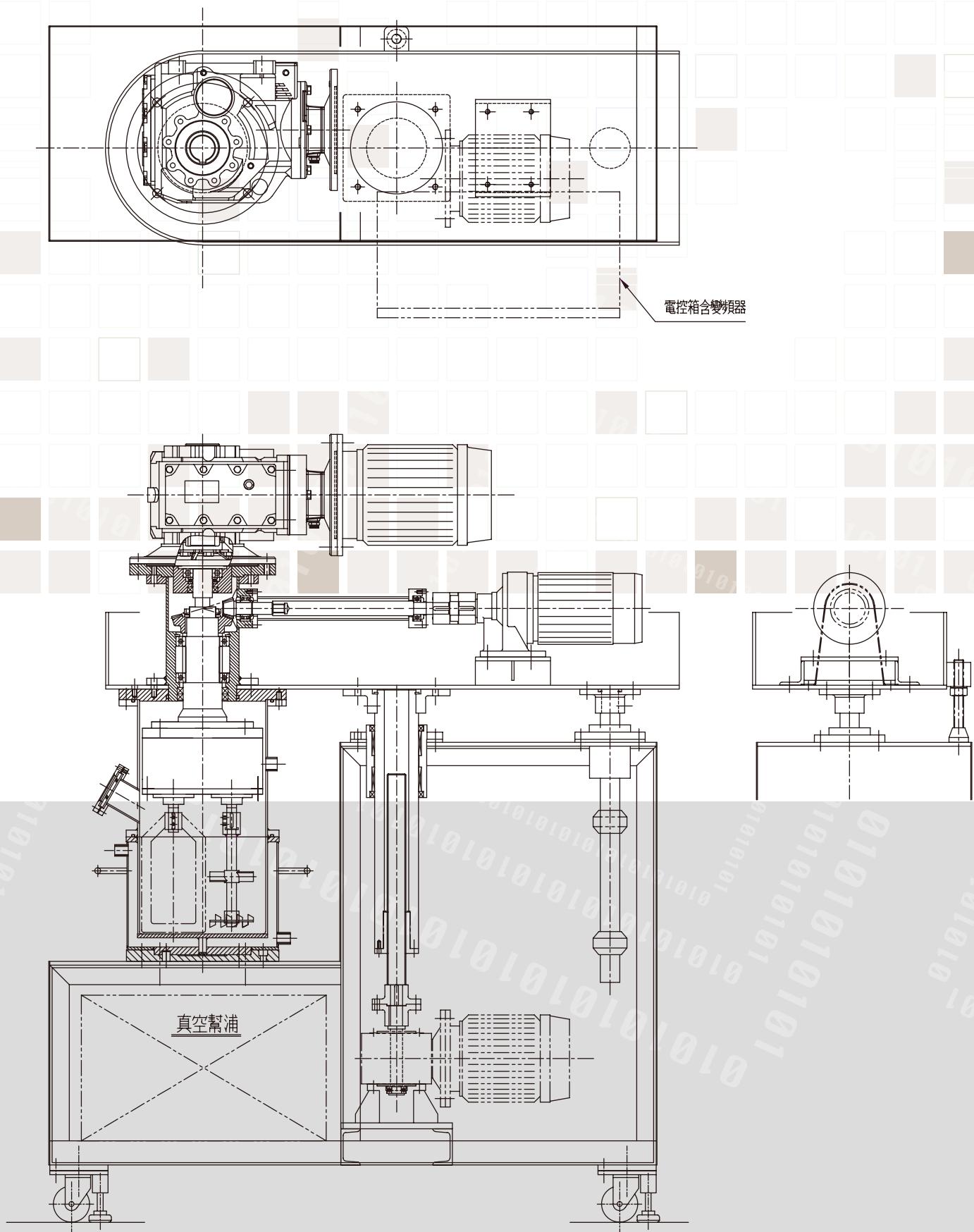
Feature:

- ※ The 3-shaft agitator is designed for agitating highly viscous materials with poor fluidity. The central agitating shaft features anchor-shaped blades with Teflon scrapers which scrap the side and bottom of the drums the shaft rotates. The high-rpm agitating shafts on both sides rotate on independent motors. The blades are gear-shaped. The number of blades on one shaft may be increased depending on the viscosity to be processed. Each of the three shafts is provided with its own frequency converter to regulate how fast the shaft rotates in a stage-less fashion.
- ※ The arch-type double hydraulic shaft structure features an upper agitator seat that hydraulically controls upward and downward movements. The vacuum pump is located on top of the upper seat and connected to the vacuum cap. The bottom of the agitator drum is provided with wheels to allow the drum to be moved in and out of position. As a result, agitation is possible by rotating multiple agitation drums. As the drum is positioned under the shafts, two fixing pins hydraulically controls and steers the drum into position. The top cover is aligned symmetrically with the drum to keep the drum from shaking during agitation.
- ※ The viscosity to be processed ranges from 30,000 to 200,000cps, and up to 500,000cps if heating system and vacuum system are provided.



外型圖 Outline diagram

尺寸圖 Dimension diagram





捏合機 Kneader

捏合機是對高黏度原料的混合操作機型，利用槽內二支腕型翼，在迴轉運動中可作強勁之壓縮、剪斷、捏合等運動使混合物均勻。針對物性可設計為真空式、開放式及高溫冷卻的水套式等機種。

Kneader is to perform a mixing operation on raw material of high viscosity and homogenize the mixture by taking advantage of powerful compressing, shearing and kneading, etc. motions driven from a circumgyration of two wrist-shaped paddles mounted inside the container. Options of vacuum model, open type or water-shroud type of high-temperature cooling are available to go with the physical property of raw materials.

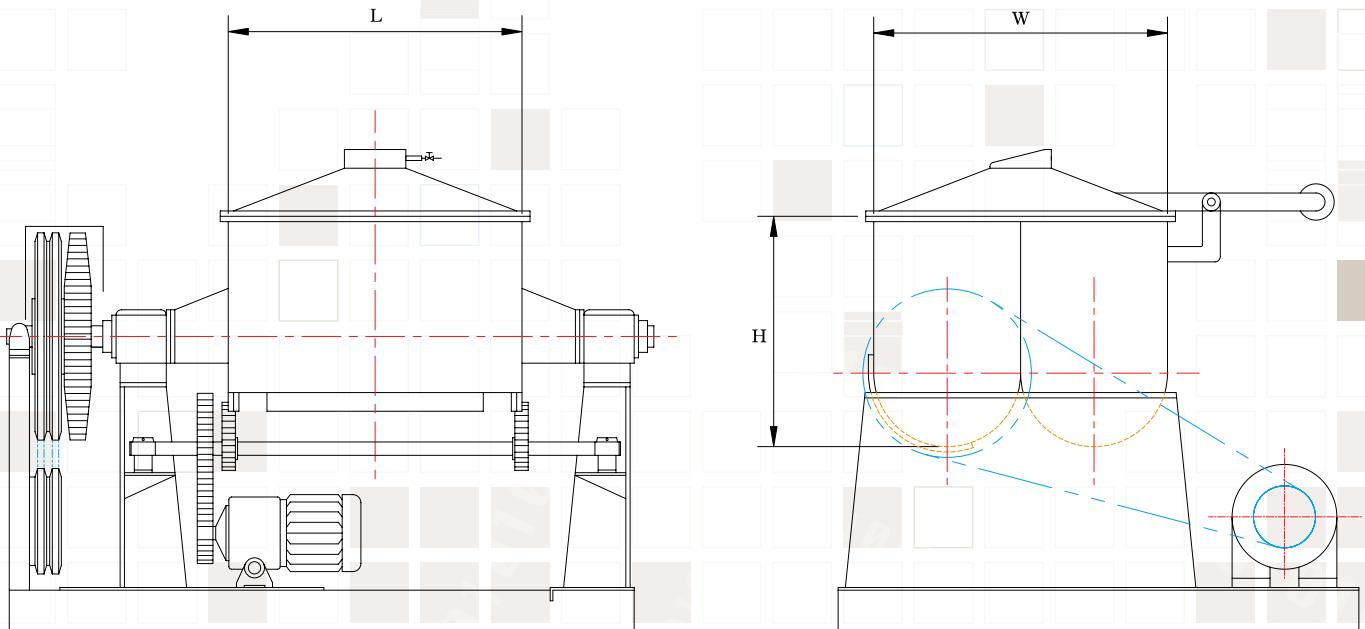


實驗型

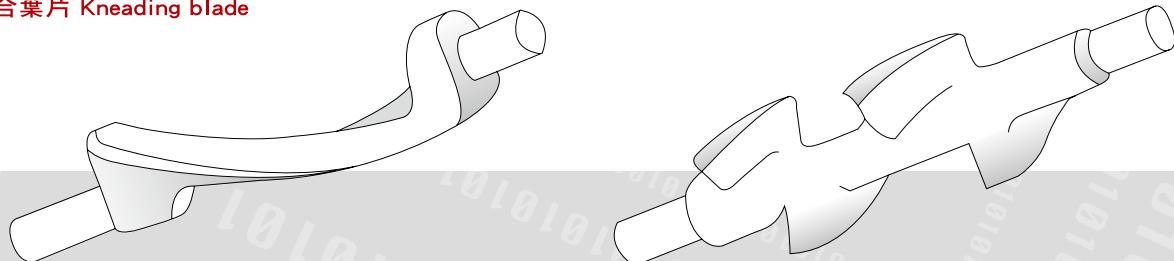


外型圖 Outline diagram

尺寸圖 Dimension diagram

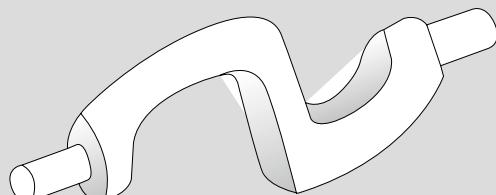


捏合葉片 Kneading blade



Z型 (Z type)

魚尾型 (Fishtail type)

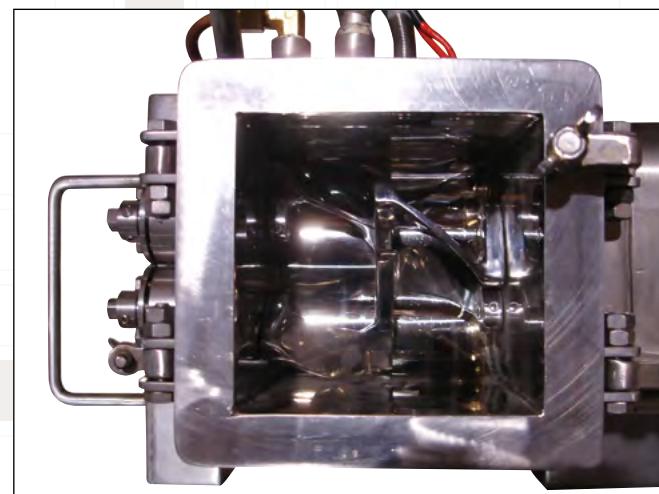


T型 (T type)

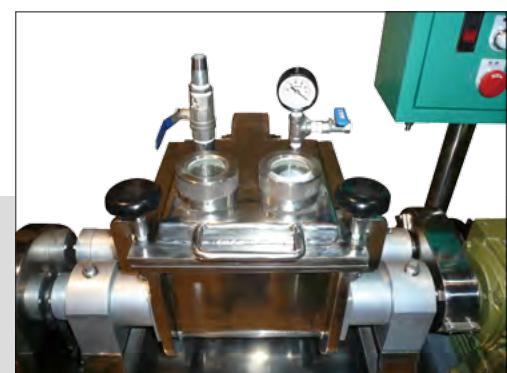
型式 Model	操作容量(L) Operation capacity	機械尺寸 L × W × H	馬力 HP
KM-100	100	540 × 500 × 430	5~15
KM-300	300	850 × 700 × 580	10~25
KM-500	500	1000 × 820 × 680	20~50
KM-1000	1000	1200 × 1080 × 880	30~75
KM-2000	2000	1500 × 1400 × 1110	75~150



1L 捏合機



5L 捏合機



10L 捏合機



1000L 捏合機





立式珠磨機

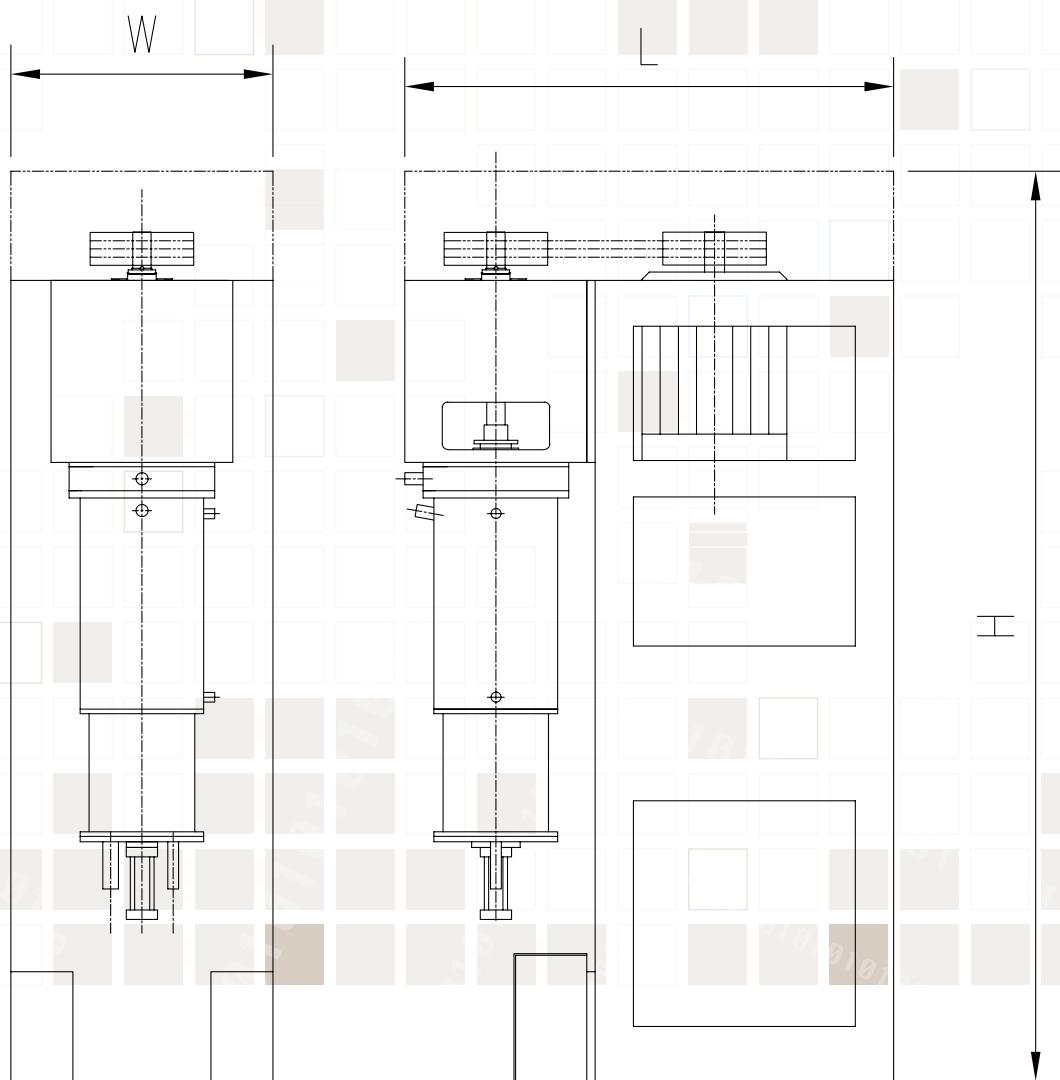
Vertical ball mill

此機是利用全密閉研磨桶內之特殊設計攪拌盤，帶動研磨介質，使物料經過高頻衝擊、強力擠壓、嚴密磨擦等運動後，而達成物性均質、乳化、分散、混合及研磨等功能。

This machine is using special designed grinding disc sealed inside the mixing Cylinder, to drive grinding media, so that to accomplish homogenize, emulsifying, dispersing, mixing and grinding functions by the high-frequency impact of material, strong compression, tough friction motions etc.



外型圖 Outline diagram



規格表 Specification table

規格 Specifications	型式 Model	BMV-10	BMV-20	BMV-40	BMV-80
筒體容積 Cylinder volume	L	10	20	40	80
馬力 HP	HP	$7\frac{1}{2}$	15	25	40
轉速 Rpm	RPM	1440	1320	1020	830
泵流量範圍 Pump flow range	L/min	2-8	2-12	2-14	3-18
產量範圍 Output range	Kg/Hr	80-300	300-600	600-1000	1000-2000
機械尺寸 Dimensions of machine	L×W×H	1000×550×2000	1200×650×2200	1350×720×2500	1750×900×2800
重量 Weight	Kg	550	1000	1500	2000



臥式珠磨機

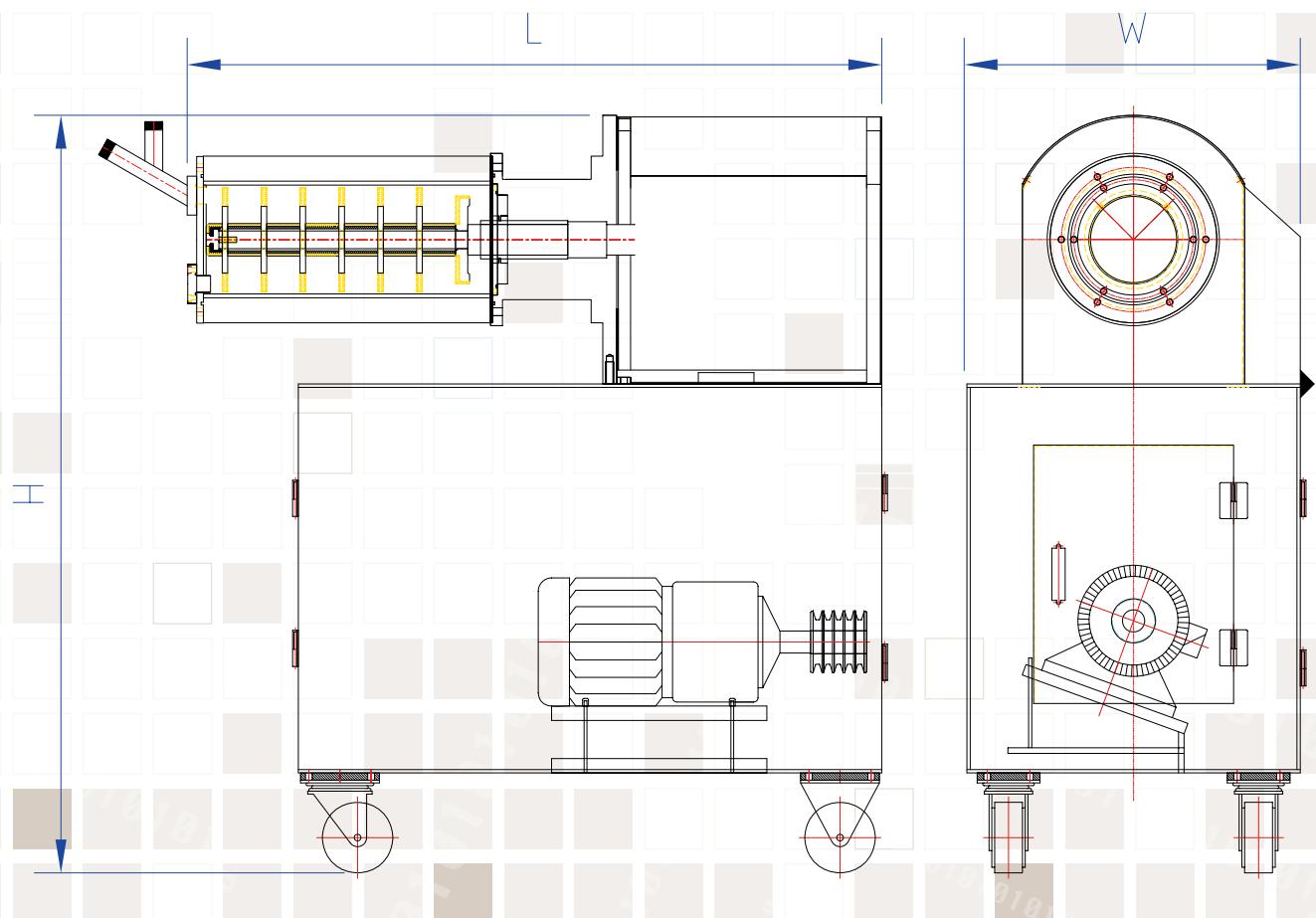
Horizontal Type ball mill

此機是一種連續操作的細磨設備，物料進入密閉研磨缸內，經特殊設計攪拌盤，帶動研磨介質，使物料經高頻衝擊、強力擠壓、嚴密磨擦等運動後，而達成物性均質、乳化、分散、混合及研磨等功能。

This machine is a continual operating grinding machine. When material enters sealed grinding chamber, the specially designed blender plate will drive the grinding medium into the material such that material goes through the motion patterns like high-frequency impact, power-squeeze, and strict friction to achieve physical material properties such as uniformity, emulsification, decomposition, even mixing, and fully grounded, etc.



外型圖 Outline diagram



規格表 Specification table

規格 Specifications	型式 Model	HBM-10	HBM-20	HBM-40	HBM-80
筒體容積 Cylinder volume	L	10	20	40	80
馬力 HP	HP	$7\frac{1}{2}$	15	25	40
轉速 Rpm	RPM	1440	1320	1020	830
流量範圍 Pump flow range	L/min	2-8	2-12	2-14	3-18
產量範圍 Output range	Kg/Hr	80-300	300-600	600-1000	1000-2000
研磨介質填充量 Sintered zirconium silicate balls amount	Kg	5-8	15-25	30-50	50-80
概略尺寸(mm) Approximate size (mm)	L×W×H	1150×600×960	1300×650×1000	1000×750×1250	1600×750×1300
機台重量 Unit Weight	Kg	600	1000	1500	2000



華穎是由一群在化工、食品、製藥等產業界，實務工作經驗 20 年以上之專業人士所組成，在設計部門不斷的發想、創新、尋求自我突破，而工程部門則提升專業核心技術，專為客戶從事綜合、粉、液體工程所需，提供客製自動化整廠規劃設計（縮短製程時間、優化機械設備、提升最佳產能、節省人工成本…等）及製造高優質精密機械產品設備，並有工程人員作完善的技術諮詢及售後服務。

主要業務為客製自動化整廠規劃設計；另製造相關精密機械產品包括有：粉碎機、分級機、混合機、乾燥機、集塵機、捏合機、反應槽、旋轉閥、防架橋裝置及各種輸送設備…等。廠內並備有各種實驗機可供測試，具有 G.M.P 等級，適用於化工、食品、製藥、電子、生化等相關產業，歡迎來電洽詢，竭誠為您服務。

Huayin has a team of professionals who have more than 20 years of practical experience in chemistry, food manufacturing and pharmaceuticals. Our design department is constantly on the lookout for new ideas, innovation and breakthrough, and the engineering department is in charge of improving professional core technologies and providing customized factory automation planning and design (including reduction of process schedule, optimization of mechanical equipment, maximization of productivity and savings of manpower and costs) as well as manufacturing high-quality precision machines and production equipment for powder, liquid engineering or both combined. Our engineers provide the complete technical supports and after-sale service.

Huayin is specialized in the planning and design of production facilities to customer's needs. We are capable of manufacturing precision machine and equipment, such as pulverizer, classer, mixer, dryer, dust collector, kneader, reaction bath, rotary valve, anti-bridging device and conveyor systems. The factory features a series of experiment testers for G.M.P. level testing. Our service covers chemistry, food manufacturing, pharmaceuticals, electronics and biochemical industry. For more details, please call us and we will help you as quickly as possible.

