



**YANN BANG**



粉碎回收系統  
**GRANULATING AND  
RECYCLING SYSTEM**



ISO 9001:2008 品質保證  
Anti ISO 9001:2008  
Certified Company

**晏邦電機工業有限公司 YANN BANG ELECTRICAL MACHINERY CO., LTD.**





## 粉碎機

塑料會因為性質的不同、溫度或控制不當等因素，成品會產生夾水紋、縮水、扭曲、變形及表面光澤不良等現象。使用粉碎機可以將不良品與舊廢料粉碎成顆粒狀或小碎片後回收再利用，可提高回收塑料的再利用率，減少原料成本與資源的浪費。適用於各類軟硬塑料、條狀塑料，用途廣泛，是不可或缺的省錢設備，同時更是節能減碳的尖兵。

## 強力粉碎機

進料口大，剪切力強。

適合各種塑膠材料的集中回收使用，例如：注塑成型、吹塑成型或廢料等，應用範圍廣泛，可滿足您的不同需求。

操作簡單，更換方式簡便，剪切效果好。

### 特點

- 1.本系列機型適用於粉碎各種塑膠、橡膠、樹脂及其它材料。
- 2.優質刀具、剪斷力強、減輕馬達負荷，發揮粉碎功效。
- 3.機座採用高級鋼材製造，不斷裂。
- 4.入料斗內層採用#430板，不生鏽，雙重隔音，噪音低。
- 5.刀片材質：SKD11，SKH-9。

可訂做封板，隔音效果更佳。

Customized a closing board is available for better around insulation.



強力粉碎型刀片  
Blades of YBC Series



## Crusher

Do you always throw away your material waste and defective product because of distortion, streak or bad quality? YANN BANG crusher can break any kinds of plastic or rubber scrap or strip into small pieces or granule before reused. Suitable to all kinds of hard material, long and thick material. You can not only save material cost but also use a green product for our environment.

## Mighty Crusher – YBC Series

YANN BANG Mighty Crusher with powerful shearing force and large feed inlet can break any kinds of plastic or rubber scrap and waste material. The series are suitable to centralize and recycle the waste of injection, blowing and extrusion molding machine. Easy to operate and replace the blade parts.

### Features

- 1.Our crushers are applied to all types of plastic, rubber, resin, and other materials.
- 2.High-quality blades which increase motor's efficiencies.
- 3.The main structure is made of high quality steel. It is fracture-proof.
- 4.The inner part of our crusher's feed inlet is made of #430 steel, anti-rust, which is dual sound insulation.
- 5.The materials of blades include SKD11,SKH-9.

## 強力粉碎機規格表 Specification of Mighty Crusher

型號 Model	馬力(hp) Power	口徑(mm) Throat Size	固定刀 Fixed Blade	迴轉刀 Rotary Blade	處理能力(kg/hr) Capacity	重量(kg) Approx. Weight	機械尺寸(L×W×H) Dimension(cm)
YBC-5	5	250×250	2	3	90~200	180	88×65×127
YBC-7.5	7.5	320×320	2	6	100~300	350	106×72×136
YBC-10	10	380×380	2	6	150~400	550	112×85×155
YBC-15	15	460×460	2	6	200~500	650	178×97×180
YBC-20	20	500×500	2	6	400~800	1500	171×108×201
YBC-30	30	600×600	2	6	500~1000	1800	182×129×231
YBC-40	40	700×700	2	9	600~1200	2100	195×137×233
YBC-50	50	800×800	4	9	700~1400	2600	240×138×271
YBC-75	75	900×900	4	9	800~1600	3500	275×160×265
YBC-100	100	1000×1000	4	9	900~1800	4500	290×170×280

備註：

1. 標準機YBC-30(含)以上附水冷卻裝置。
2. 產品規格若有變更，恕不另行通知

Remarks :

1. Standard model of YBC-30 or larger one is equipped with a water cooling device.
2. We reserve the right to change specification without prior notice.



## 隨機粉碎機 Instant Crusher - YBCS Series

隨機粉碎，減少浪費。

可立即回收粉碎少量廢料，除一般水口料大小適合外，也適用於粉碎長條型的材料。配置多重安全保護裝置，其中大陸專利設計的安全項目，智慧精算控制下，讓施工人員操作安全更有保障。

An instant recycling system can help you to cost down by recycling the sprues, waste material or defective products. YANN BANG Instant Crusher is also good to granulate long and thick material. The unique safety protection device which is obtained China patent stop completely when abnormal happens. This series is perfect to locate next to a molding machine to recycle immediately.

一旦出現需檢修的狀況，在啓用安全裝置時間內，粉碎機的運轉可剛好完全停止，此時打開料斗，進行清理、檢查或維修，施工人員無安全之虞。

Once the crusher required for maintenance or repair, the crusher will completely stop as the safety device is on and it is very safe for the operator to open the crusher to clean, check, or maintain

大陸專利：ZL200820119883.8  
China Patent



隨機粉碎型爪刀  
Claw knife of YBCS Series



### 隨機粉碎機規格表 Specification of Instant Crusher

型號 Model	馬力(hp) Power	口徑(mm) Throat Size	固定刀 Fixed Blade	迴轉刀 Rotary Blade	處理能力(kg/hr) Capacity	重量(kg) Approx. Weight	機械尺寸(LxWxH) Dimension(cm)
YBCS-1	1	200×250	2	12	40~60	150	89×60×119
YBCS-2	2	250×250	2	15	50~80	170	87×65×125
YBCS-3	3	300×250	2	18	60~98	190	89×70×128
YBCS-5	5	350×250	2	21	70~100	230	89×75×127

備註：產品規格若有變更，恕不另行通知。 Remark: We reserve the right to change specification without prior notice.

## 慢速靜音粉碎機 Low-Speed Silence Crusher - YBCSS Series

低轉速設計，噪音低；粉碎顆粒均勻，不漏切削且粉塵少；體積小，不佔空間，經濟實惠；快速清料，操作簡便安全；正反轉功能設計，快速清除粉碎料。適用於放置成型機旁，粉碎少量不良品或機邊水口料等廢料使用。

This series are suitable to granulate a small amount of sprues, waste material or defective products located next to your molding machine. With low-speed and silence design, it can break evenly and quietly with less dust. Easy to clean and operate with multi safety device.

慢速靜音型齒刀  
Teeth cutter and cutting blades of YBCSS Series



### 慢速靜音粉碎機 Specification of Low-Speed Silence Crusher

型號 Model	馬力(hp) Power	口徑(mm) Throat Size	齒刀尺寸(mm) Cutter Size	轉速(rpm) Revolving Speed	處理能力(kg/hr) Capacity	重量(kg) Approx. Weight	機械尺寸(LxWxH) Dimension(cm)
YBCSS-1	1	165×236	5×5	30	8~12	150	50×45×111
YBCSS-2	2	256×236	5×5	30	12~15	170	61×45×118
YBCSS-3	3	346×236	5×5	30	15~20	215	67×45×128
YBCSS-5	5	436×236	5×5	30	18~25	260	81×45×140

備註：產品規格若有變更，恕不另行通知。 Remark: We reserve the right to change specification without prior notice.





## 混合比例閥

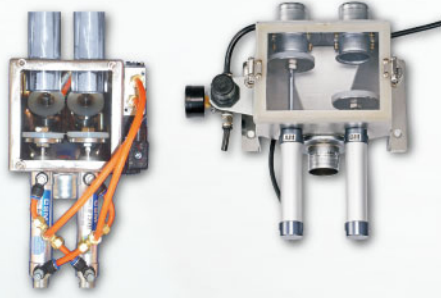
適用於一般新的塑料與粉碎料相互混合。以兩個計時器之比例差作交換吸引，將舊料酌量混入新料中，不但不會影響成品的品質，且可減少資源浪費，任何廠牌及機型之填料機皆可配合使用。節省空間、安裝容易、易於清理，為您節省更多原料成本。

### 特點

- 1.獨特的氣缸結構設計，能減少原料被污染及延長之使用年限。
- 2.設有混料選擇開關，可依所需設定混合交換吸料或單獨吸料，使工作之替換更加順暢。
- 3.數字設定的雙計時器，可依所需的混合比例直接設定，而計時範圍可介於0~9.9秒間，能精確的混合兩種塑料。
- 4.不鏽鋼設計與透明視窗，使填料與清料的工作更得心應手。
- 5.採主機與電路控制器分離設計，操作簡單方便，且可因應各種工作環境之需求。

### 選擇方法

- 1.若配合2hp(含)以上的填料機或長型(條)之粉碎機使用時，2"料管口徑的 PV-A2為最佳選擇，其餘請使用1½"料管口徑之PV-A1。
- 2.請依照個別空間環境及所搭配吸料機機型的需要，選擇最適用之型式。



## Proportional Valve

The unit is used for mixing virgin resin with another virgin resin or regrinded resin in proportion via the auto loaders. This unit can be worked with any auto loaders, and help you to save labor cost and raw material cost. Easy to clean and install.

### Features

- 1.The unique air valve structure design stops dust from entering the cylinder of the unit and thus reduces waste.
- 2.Can mix or feed one kind of resin only if required.
- 3.The controller is fitted with digital readout (PV-A-D Series) and setting for the mixing cycles which gives a high rate of accuracy. It is easy to set and be set in the range of 0-9.9 seconds.
- 4.Transparent cleaning cover design for quick cleaning and easy changing materials.
- 5.Individual controller for convenient operation.

### How to choose the models

- 1.The PV-A2 series (2" piping) are suitable for long pieces of regrind material or loaders over 2 hp (2 hp included). Others are suitable for PV-A1 series (1½" piping).
- 2.Please choose the most suitable models according to your working space and the types of auto loaders.



PV-A-D Series

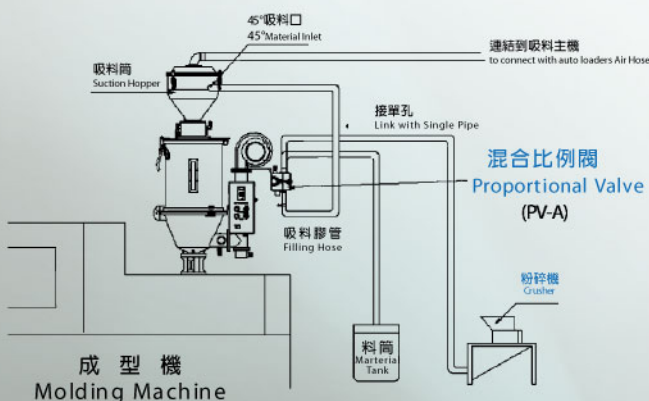


PV-A Series

## 應用範例

### 1.安裝於加熱器上

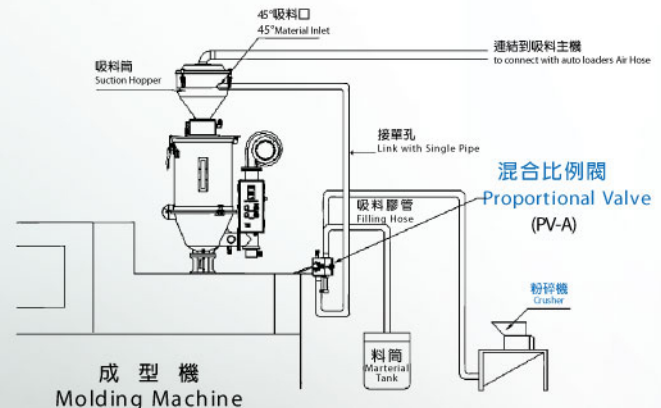
To install it above the air heating tube



## How to install Proportional Valve

### 2.安裝於成型機上

To install it above the molding machine





## 混合比例閥規格表

## Specification of Proportional Valve

型號	Model	PV-A1	PV-A1-D	PV-A2	PV-A2-D
料管口徑	Piping(Inch)	1 ½	1 ½	2	2
計時器	Timer Type	指撥設定型 Manual Display	數字顯示型 Digital Display	指撥設定型 Manual Display	數字顯示型 Digital Display
電源	Power	220V-240V, AC/1 PHASE, 50-60Hz			
消耗電力	Total Load	0.1 安培 (0.1 AMPERE)			
風壓範圍	Compressed Air	2-4Kg/cm <sup>2</sup>			
重量	Approx. Weight(Kg)	3.8		4	

備註：產品規格若有變更，恕不另行通知。 Remark: We reserve the right to change specifications without prior notice.

## 立即回收系統

## Instant Recycling System

### 立即粉碎回收、自動輸送及乾燥一次完成

Auto instant recycling system can recycle, convey and dry the granulated material sequentially.

本系統為一小型自動化機邊回收系統，由粉碎機、自動填料機、料斗乾燥機與混合比例閥四個獨立的設備組合而成，亦可配合機械手與輸送帶一併使用，其主要功能是將塑膠射出成型後之水口料，立即粉碎後酌量混入新料中，不但不影響成品品質，且可減少資源浪費。

A small automatic peripheral instant recycling system for you molding machine combine with four individual equipments: crusher, automatic vacuum loader, hopper dryer and proportional valve. Also can be used with a robot or belt conveyor. The main function is to mix the granulated waste directly from the injection molding machine and the virgin material with a right proportion. Benefit you with less material waste and pollution for your standard products.

### 特點

1. 粉碎超靜音，符合環保標準。
2. 本系統採用特殊設計之小型粉碎機，重量輕、体积小，可隨意設置。
3. 新料次料混合比例精確，品質有保障。
4. 次料立即處理，避免污染工作環境，生產有效率，減少資源浪費。

### Features:

1. Less noise and less dust to keep your working area clean.
2. Compact size, light weight and easy-to-move.
3. Accurate mixing proportion for good quality.
4. Instant recycling provides the high-efficient productivity and save material cost.

\*另有提供輸送帶等週邊設備，詳細產品規格，歡迎與我們聯絡。

\*Belt conveyors and more ancillary equipment are available for your inquiry







YANN BANG

## 立式攪拌機

多片葉片產生渦流全方位混合，能攪拌快速且均勻。整體內外拋光，不殘留攪拌物。附馬達超載保護裝置與電源連鎖系統，操作絕對安全。



## Vertical Mixer / Blender – YBVM Series

Applied with vertical gear speed reducer and multi blades of helical angles, the inner surface is stainless made, no pollution and durable. Mix well and rapidly. With motor overload protector and power safety device, operation is safe and easy.



YBVM-500

### 立式攪拌機規格表 Specification of Vertical Mixer / Blender

型號 Model	功率(kw) Motor	每次容量(kg) Capacity	重量(kg) Approx. Weight	機械尺寸(L×W×H) Dimension(cm)
YBVM-50	1.5	50	120	80×80×110
YBVM-100	3	100	150	98×98×120
YBVM-150	5.5	150	200	100×100×136
YBVM-200	7.5	200	250	110×110×160

備註：產品規格若有變更，恕不另行通知。

Remark : We reserve the right to change specification without prior notice.

## 可傾斜式攪拌機

混料快速、均勻，附馬達超載保護裝置與電源連鎖系統，操作絕對安全。料筒可傾斜，方便卸料、換料及清理。



## Slant Mixer / Blender – YBVRM Series

Mixing quickly and evenly with motor overload protector and power safety device. The mixing barrel can be tilted freely at the angle degrees for discharge and maintenance.

### 可傾斜式攪拌機規格表 Specification of Slant Mixer / Blender

型號 Model	功率(kw) Motor	每次容量(kg) Capacity	重量(kg) Approx. Weight	機械尺寸(L×W×H) Dimension(cm)
YBVRM-100	4	100	170	110×92×115
YBVRM-150	5.5	150	230	115×100×130

備註：產品規格若有變更，恕不另行通知。

Remark : We reserve the right to change specification without prior notice.





## 臥式攪拌機

混料快速、均勻，附馬達超載保護裝置與電源連鎖系統，操作絕對安全。混料容量可擴充至 1 噸，料筒可傾斜，方便卸料、換料及清理。可加裝電熱器當乾燥筒使用。



## Horizontal Mixer / Blender – YBHM Series

Mixing quickly and evenly with motor overload protector and power safety device. It is safe and easy to operate. The mixing capacity could be extended to one ton. The mixing barrel can be tilted freely at the angle degrees for discharge and maintenance. Available to install a heater as drying barrel.

### 臥式攪拌機規格表

#### Specification of Horizontal Mixer / Blender

型號 Model	功率(kw) Motor	每次容量(kg) Capacity	重量(kg) Approx. Weight	機械尺寸(LxWxH) Dimension(cm)
YBHM-100	2.2	100	280	111×78×127
YBHM-150	4	150	350	143×80×127
YBHM-200	5.5	200	520	150×120×135

備註：產品規格若有變更，恕不另行通知。

Remark : We reserve the right to change specification without prior notice.

## 吹送回收裝置

- 1.高回收率：適用於各種塑膠粉碎料及其他材料，提高回收率。
- 2.除粉塵：獨特吹送裝置結構，可清除粉碎料中的粉塵。
- 3.免清料：採用吹送裝置免除人工清料煩惱，大大提高工作效率。
- 4.直接再利用：粉塵分離系統配合旋風集塵器使用，可將粉碎料中的料與粉塵分離後，直接回收再利用。

## Blow-Recycling Device

- 1.Better reuse. Apply to all types of granulated plastic and rubber material to recycle and reuse.
- 2.Dust clean. Unique blowing design to clean the dust from granulated material.
- 3.Labor save. Dust is collected by vortex cyclone automatically to save your manpower cost and time.
- 4.More efficient. Working with an automatic loader, it can separate dust and granulated resin. Then the granulated resin can be delivered to be dried or remolded directly.

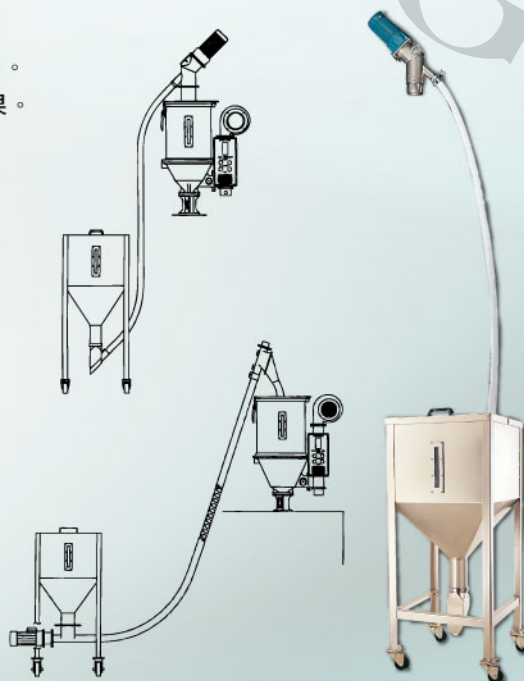


## 彈簧輸送機

- 1.適用於粒狀及粉狀的原料輸送，為多功能輸送機。
- 2.任何方向都可輸送，安裝簡易，不佔空間，可搭配任何乾燥機及成型機使用。
- 3.藉由輸送管內之不鏽鋼螺旋狀彈簧來輸送原料，可達均勻且穩定輸料之效果。
- 4.降低成本，高效能與穩定度為您節省維護費用與材料等成本。
- 5.排除一般吸料機對於粉狀原料輸送常發生阻塞及需經常清理之困擾。

- 1.Versatility. Suit to convey materials ranging from large pellets to sub-micron powder.
- 2.Convey in any direction. Easy installation, user-friendly, and place save. The flexible slim screw conveyor works with any type of molding machines and loaders.
- 3.The stainless steel spiral ensures that the raw materials are distributed evenly and constantly
- 4.Low cost. High efficient performance and high reliability while reducing maintenance and cost.
- 5.Special design helps to unplug daily impurities or materials and to have minimal residues ensuring a longer operational life.

## Flexible Screw Conveyor





## 高效能強力粉碎機 **Mighty Crusher (New Design Series)**

嶄新外形結合機械美學，低噪音、低污染，自動集料節省人力。

**New Look and advanced design for lower noise and pollution. Automatic dust collection to save your cost and time.**

- 進料口大，方便投料，分批投料次數減少，省工又省時，容易操作與維護。
- 特殊設計剪斷力較輕，減輕馬達負荷，延長機械壽命，且完全發揮粉碎效果，適合於塑膠或橡膠等韌性材質。
- 低噪音，集中粉塵方便清理，不易污染廠房，確保廠房潔淨及操作者健康。
- 專利安全裝置(大陸專利:ZL200820119883.8)可確保作業人員的安全。
- 可結合吹送系統(選配)，定時定量回收後立即輸送至集料桶，密閉循環空間粉塵不外露，免去人工倒料與清理之麻煩程序。
- Large feed inlet is good for any kinds of plastic or rubber scrap and waste materials. Easy operation and maintenance.
- Unique design granulates better and harms the motor less for durability.
- Lower noise and less dust pollution. Dust is collected internally by new design to provide better quality of your environment and operators' health.
- Patented safety device (China Pat. ZL200820119883.8) for your safety.
- Work with automatic blowing system (option) to collect the granulated material instantly by setting to save your labor cost and time. The close cycle keep the dust inside the tank for clean-free.



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**台灣塑橡膠週邊設備領導品牌**

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