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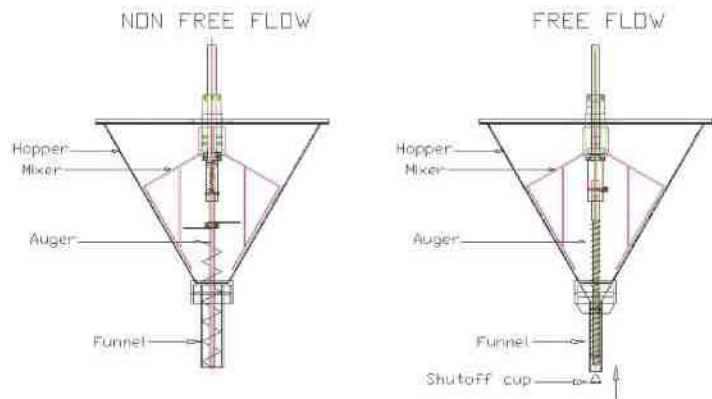
Volumetric Auger Doser With Electronic Control Of Auger Rotation (AGS)

粉末螺桿充填機

Auto Science Technology
Co., Ltd.



- ◆ AISI 304/316 STAINLESS STEEL VERSION.
- ◆ Hermetic hopper in AISI 304 stainless steel, holding about 35 liters.
- ◆ Product level control sensor.
- ◆ Shutting off system at the end of dosing.
- ◆ Electrical installation with its own panel.
- ◆ PLC and touch display panel control system for setting the following data.
 - Operating frequency.
 - Motor acceleration and deceleration time.
 - Storage of menus referring to different product and different weights of the same product.
- ◆ Machined worm screw doser, controlled by a special motor that electronically allows the use of acceleration and deceleration ramps with which it is possible to abruptly stop the screw, thus guaranteeing dosing precision.
- ◆ 200 steps per revolution encoder giving an 1.8 degree definition of driving axle rotation.
- ◆ Maintenance is almost non-existent as there are no brushes or clutch-brake on this particular motor. Moreover, as there are no magnets on the rotor, the inertia exerted on the latter is reduced.
- ◆ Thanks to the extremely high mechanical efficiency, with high torque even if revs are slow, this doser is particularly suitable for difficult to handle products such as cocoa powder, powdered milk, etc.
- ◆ It is possible to work at high speeds since there are non stopping or start problems, even if the motor is made to run at 1500 revs/min.
- ◆ As an option the system can be connected to an external computer using a RS232 serial interface.
- ◆ Functions recall by using touch display panel, possibility of memorizing 9 menus and relative data for 9 different production.



- ◆ 不鏽鋼 304 / 316 製造。
- ◆ 配有一個約35公升的不鏽鋼製密封料斗。
- ◆ 馬達及減速機帶動的產品攪拌器。
- ◆ 觸控式控制面板（1 / 200 rev 充填定位設定精度）。
- ◆ 儲存筒產品準位控制。
- ◆ 充填管下方漏料防止。
- ◆ 伺服馬達驅動轉速 0 - 1500RPM。
- ◆ 具有高的旋轉力矩，即使在低轉速也適合較難處理的產品，如：可可粉、牛奶粉等。
- ◆ 快速充填及慢速充填腳踏開關。
- ◆ 多組程式記憶。
- ◆ 充填出口上方集塵管。
- ◆ 可經由RS232通訊界面與其他電腦或控制系統連結。
- ◆ 不同製程產品操作條件，可經由觸碰式顯示控制器切換使用。



The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Automatic Bottle Filling Machine / AGSBS

粉末 / 顆粒自動裝罐機

For powder / granular and small / medium size product

Auto Science Technology
Co., Ltd.



The AGSBS series machine is modern design auto-filling machine. It is able to satisfy all of the requests in filling of rigid containers (tin-plate, PET, glass, jar, can) with powder or graininess product.

The especial of these machines are,

- ◆ Computer and touch display control.
- ◆ All production parameter are stored.
- ◆ Machine according to FDA/GMP standard.
- ◆ The filling solution are possible with Volumetric auger, cup or exact Weighing machine.
- ◆ It's also possible with weight control device with feed-back function to ensure the consistency of the dispensing for whole production cycle.
- ◆ The bottle filling machine can also be linking with empty bottle feeder, capper and labeling machine as well as a fill automatic in line production.

AGSBS系列機械是一種突破觀念設計的機械

該型機械適用於將粉末或小顆粒的產品自動定量裝入瓶或罐中，

該機種有多項特點：

- ◆ 機械經由微電腦及觸控式顯示幕操作控制。
- ◆ 所有產品操作運用之不同參數均可儲存並再次呼叫出來使用。
- ◆ 整機依據 FDA / GMP 標準設計。
- ◆ 可搭配多種不同的充填裝置，如：杯式充填機、螺旋充填機或自動稱重機。
- ◆ 亦可於後端連接重量控制裝置配合回授功能，使連續不同批次之生產更方便。
- ◆ 罐充填機也可以與自動送空罐機、封蓋機、標籤機連接以達到完整的全自動生產線的目的。



Mold / 型號	AGSBS	AGSSBW
Bottle high / 罐高 (mm)	50-220	50-220
Bottle diameter / 罐徑 (mm)	φ 30-150	φ 30-150
Storing program / 儲存組數	100	100
Output speed / 生產速度	Up to 50	Up to 100
Filling method / 定量方式	Volumetric容積	Weight重量式
Power / 電力 (KW)	1.5 - 3	2 - 15
Air consumption / 空壓消耗	1-2 NL	2-10 NL
Machine size / 機械尺寸 (L×W×H)(mm)	1600×1000×2500	1600×1000×2500
	2600×1000×2500	5000×1000×2500

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Automatic Bottle Filling Capping Machine/AGSB-IC

粉末／顆粒自動理瓶—充填—裝罐—鎖蓋機

For powder / granular and small / medium size product

Science Technology
Co., Ltd.



The AGBS-IC series machine is modern design auto-filling machine. It is able to satisfy all of the requests in filling of rigid containers (tin-plate, PET, glass, jar, can) with powder or graininess product. The especial of these machines are.

- ◆ Computer and touch display control.
- ◆ All production parameter are stored.
- ◆ Machine according to FDA/GMP standard.
- ◆ The filling solution are possible with Volumetric auger, cup or exact Weighing machine.
- ◆ It's also possible with weight control device with feed-back function to ensure the consistency of the dispensing for whole production cycle.
- ◆ The bottle filling capping machine can also be linking with empty bottle feeder, and labeling machine as well as a fill automatic in line production.

AGSB-IC系列機械是一種突破觀念設計的機械

該型機械適用於將粉末或小顆粒的產品自動定量裝入瓶或罐中，該機種有多項特點：

- ◆ 機械經由微電腦及觸控式顯示幕操作控制。
- ◆ 所有產品操作運用之不同參數均可儲存並再次呼叫出來使用。
- ◆ 整機依據 FDA / GMP 標準設計。
- ◆ 可搭配多種不同的充填裝置，如：杯式充填機、螺旋充填機或自動稱重機。
- ◆ 亦可於後端連接重量控制裝置配合回授功能，使連續不同批次之生產更方便。
- ◆ 罐充填鎖蓋機也可以與自動送空罐機、標籤機連接以達到完整的全自動生產線的目的。



Mold / 型號	AGSB-IC
Bottle high / 罐高 (mm)	50-220
Bottle diameter / 罐徑 (mm)	30-140
Storing program / 儲存組數	100
Output speed / 生產速度	Up to 50
Filling method / 定量方式	Volumetric
Power / 電力 (KW)	1.5 - 3
Air consumption / 空壓消耗	1-2 NL
Machine size / 機械尺寸 (L×W×H) (mm)	2162×2105×2203

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Vertical packaging machine / KFS20AGS

粉末自動包裝機 / KFS20AGS

The machine is used to package various densities of powder. Measure accurately, clean easy, meets the highest GMP standards. It is suitable for packing medicine, spice, food stuff, cosmetic, pesticide, fertilizer and so on.

Technical features:

1. Controlling by computer, LCD display, operation is easy, running is steady and reliable.
2. Step motor is applied on bag-pulling system to achieve the high precision for the bag-making.
3. Automatic machine halt according to order. The sealing mould spreads after machine halt.
4. With automatic intelligence color mark detecting system to judge position and length automatically.

該機適用於包裝各種密度的粉末，計量精準，易於清洗，符合國家GMP標準。可應用於任何行業。可包裝醫藥、獸藥、食品、化妝品、農藥等。

技術特點：

1. 電腦控制，液晶顯示，操作方便，運行穩定可靠。
2. 步進電機控制拉袋系統，製袋精度高。
3. 定袋停機，停機後熱封膜具自動處於張開狀態。
4. 全自動跟蹤色標，自動完成裝袋的定位、定長。



規格/Spec.

Model / 型號	KFS20AGS
Bag size / 袋尺寸(mm)	W40 - 120 × L40-160
Bag shape / 袋型式	Three side seals(三邊封)、Four side seals(四邊封)
Packing speed/包袋速度(bags/min)	20-60
Measuring/計量方式	螺桿/Auger
Fill capacity/計量範圍 (ml)	1-80
Power (kw) /電力	2
Machine overall dimension/機械外觀尺寸 (L×W×H)mm	730 × 630 × 1580
Machine weight /機器重量(kg)	250

Fully Auto Horizontal Pouch Packing Machine (F110 / F180)

水平式全自動粉末液體兩用包裝機

Auto Science Technology
Co., Ltd.



This type of machine is designed and manufactured conforming to European technical standards. This is an automatic machine, which has the integrated line of bag making, filling, sealing, and printing. The outside container materials are heat-sealing; finish packing of three-side, four-side sealing and DOY bag by preparing various kinds of filling machines. It is the ideal machine in the industries from agricultural chemical, pharmaceutical, food, and cosmetics, etc.

Technical features:

1. This machine has many features: fast, adjustable specifications, nice appearance.
2. The part, which comes into contact with the filling materials are made of stainless steel, conforming to the standard of GMP.

此機是本公司以歐洲同類先進產品技術標準為依據，精心研製的集制袋、集充填、封口於一體的全自動包裝機械。

該機以熱封材料為外包裝，配置各種形式的充填機，對粉狀物、顆粒物、液體、膏體等進行三邊封、四邊封及站立袋的包裝，是農藥、醫藥、食品及化妝品的理想包裝機械。

技術特點：

1. 本機生產速度快，尺寸更換簡易；包裝出的產品挺直美觀。
2. 所有接觸物料的部件全部採用優質不鏽鋼製造，符合GMP標準要求。

Model / 型號	F-180 / F180D / F180Z	F-110
Power supply / 電源	220/380V ; 50/60Hz	220/380V ; 50/60Hz
Power (kw) / 電力	1.8kw	1.8kw
Bag size / 袋尺寸(mm)	W85-180×L100-200	W50-110×L50-130
Bag shape / 袋型式	Three side seals (三邊封)、Four side seals (四邊封)、 Dual Bag (雙連包)、Doy Bag (站立袋)	Three side seals (三邊封)、 Four side seals (四邊封)
Packing speed / 包裝速度 (bags/min)	45-70	45-70
Machine overall dimension / 機械外觀尺寸 (L×W×H) (mm)	3360 / 3960×970×2150	1730×680×2000
Machine weight / 機器重量 (kg)	880/1200	750

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>



Liquid Bottle Washing Filling Capping Machine / ALP100

液體自動洗瓶—充填—鎖蓋機

Auto Science Technology
Co., Ltd.



The linear type wash-fill-cap machine is designed to pack liquid product such as juice, soy sauce, cooking oil, detergent, honey, jam, cream, salad dressing, oil grease, catch-up, chemical liquid, etc.

It is an idea equipment for variation bottle shape, size and filling capacity, only adjustment and few parts change. The filling machine can be equipped with different dosing device like, piston pump, rotary pump, screw pump...The dosing head number was depended on the filling capacity and production speed.

It is possible with double lanes also.

Filling control by volumetric, level or even by exact weight. The machine functions are controlled by PLC, touch display panel and AC motor driver. So different production only change working parameter. The capping machine may only adjust or change capping head and cap feeder for lug cap, press cap, metal screw cap, plastic cap...

The empty bottle washing machine was designed to automatic wash the bottle by water or filter air.

直線式設計的洗瓶—充填—鎖蓋機是用於充填如果汁、醬油、沙拉油、油脂、蕃茄醬、化學類等產品，特別適用於瓶子尺寸、形狀及充填量多變的生產需要。

此型機械可以依不同的流體特性搭配活塞幫浦、旋轉定量幫浦或螺旋定量幫浦等不同的充填裝置，也可以依據不同的生產速度需要配置不同的充填頭數，甚至可以雙排充填，當瓶子尺寸變換時只要調整機械或更換少部份的零件即可。定量的方式有容積式、液位式、秤重式等。機械以觸摸螢幕及PLC控制並搭配速度變頻器，故充填量及製程產品的運作參數可以很方便快速的更換。

自動鎖蓋機可以搭配不同的鎖蓋頭及供蓋器來配合不同的蓋子，應用條件如：壓蓋、爪蓋、螺旋蓋、金屬蓋、塑膠蓋...等，這個機械也可以搭配洗瓶機以過濾水或過濾空氣來自動清洗瓶子。

Machine / 機型	Wash machine / 洗瓶	Filling machine / 充填	Capping machine / 鎖蓋
Number heads / 頭數	10, 18	2, 4, 6, 8, 10, 8+8	1, 3, 6
Bottle range / 適用罐子	Dia 40mm-100mm	10-250 / 100-2000 / 1000-5000ml	Dia 22mm-90mm
Output speed / 生產速度	5-120 BPM		
Option accessories / 選配	Feed screw, turn disc	pump	Cap head, cap feeder, turn disc
Power / 電力 (KW)	110/220/380V, 1 or 3 phase, 50/60HZ		
Machine size / 機械尺寸 (L×W×H) (mm)	2000×1400×1850	2000×1100×2100	2000×1000×2300

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Form-Fill-Sealing Packaging Machine

VP51PECUP / VP51SSAGS

粉末自動製袋充填包裝機 / 顆粒產品自動裝袋包裝機



ence Technology
Co., Ltd.



The rotating cup filler with VP51 is design for packing granular product. It is a most economical and fast way on packing production, like sugar, salt, peanut, beans, peas species, melon, seeds, tea leaves, coffee bean, flummery, candy, cookies, plastic and chemical product. The product sensor control the product level in the product hopper, a set of cups made by suitable material, industrial plastic or SUS. The cups can be changed or the volume by means of moving the bottom plate to adjust the cup height. It is possible with check weight machine with feed-back function to automatic adjust the cups volume.

All our VP51 machine can be equip with impulse sealing device for packing most economical bag material like LDPE, HDPE, BOPP, etc.

旋轉式的杯式充填機與VP51包裝機搭配是用於包裝塊狀及顆粒的產品。它是一種經濟又快速的包裝機械，可用於包裝砂糖、鹽、花生、豆類、瓜子、茶葉、咖啡豆、米、麥片、糖果、餅乾、塑膠及化學品。杯式充填機之產品儲存筒有產品檢查電眼用於控制產品的供應。定量杯可依據產品的需要而以不同材料製造，有工程塑膠或不鏽鋼。定量杯可更換或移動下方轉盤高度而調整充填量，也可以連接重量檢查機以自動回授功能來調整充填杯的容量。

所有我們的VP51包裝機均可以裝置瞬間加熱系統，故可以使用更經濟的包裝材料，如：單層PE及BOPP材料。

The powder products could even compacting, dustiness and with variable density. The different problems are normally linked. To solved and treating these kind product can be used our AGS device. It is starting from product feeder to a sealed hopper, the product hopper with non-contact level sensor and mixer. The filling screw made by CNC machine from a solid SUS material. It is driving by a servo motor and micro-computer control system, which allows the acceleration and deceleration ramps to be used for instant stopping of screw, guaranteeing maximum filling accuracy. The auger filler can link with check weight equipment with feed-back to ensure the consistency of the dispensing for whole production cycle. Both cup filler and auger filler are designed to be used with packaging machine, also can be used separately with own drives and control system.

All our VP51 machine can be equip with impulse sealing device for packing most economical bag material like LDPE, HDPE, BOPP, etc.

粉末產品通常會有結塊、粉塵飛揚及產品重量密度變化等問題。可以使用AGS充填機去處理及解決這類產品問題而且會有近於理想的結果。它從產品及輸送開始到一個透氣封閉的產品儲存筒，儲存筒裝置特殊的產品攪拌器及非接觸式產品準位感應器。充填螺桿是以不鏽鋼材料經CNC加工機製而成，並以微電腦控制伺服馬達驅動，所以是可以很隨意的設定運轉速度及模式，以保證最大的充填效率及精確度。也可與重量自動檢查機連接，並配合回授功能使連續不同批次之生產更方便。這種杯式充填機或螺旋式充填機可以與包裝機連接自動操作，也可以單獨半自動操作。

所有我們的VP51包裝機均可以裝置瞬間加熱系統，故可以使用更經濟的包裝材料，如：單層PE及BOPP材料。



Model / 型號	VP51CUP / VP51SSCUP / VP51PECUP	VP51BPECUP	VP51AGS / VP51PEAGS / VP51SSAGS
Bag size / 袋尺寸 (mm)	W80-300×L80-500	W250-440×L250-700	W80-300×L80-500
Bag shape / 袋型式	Pillow (背封式)、 Square bottom (站立袋)、 Zipper (拉鍊袋)	Pillow (背封式)、 Gusset (折角式)	Pillow (背封式)、 Square bottom (站立袋)、 Zipper (拉鍊袋)
Packing weight / 包裝重量	10g-5kg	5kg-50kg	20g-2000g
Packing speed / 包裝速度	max. 80	6-15	Up to 80
Storing programs / 儲存程式	100	100	100
Power (kw) / 電力	4 / 5.5 / 7.5 / 9	4.5 / 6 / 8.5 / 10	6.5 / 8 / 9 / 10.5 / 11.5
Machine overall dimension 機械外觀尺寸 (L×W×H) (mm)	3550×1100×2900	3900×1400×3300	3550-5100×1100×2900
Bag material / 製袋材質	Heat seal-able film or PE	Heat seal-able film or PE	Heat seal-able film or PE

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Vertical Form-Fill-Seal Packing Machine

VP51MH / VP51LW

自動稱重製袋包裝機



Auto Science Technology
Co., Ltd.



The electronic weigher is designed for dosing small loose as well as piece goods such as pasta, granulates, dried fruits, cereals, candies, chips, snacks, frozen vegetables, etc.

There have two type of our electronic weighing machine "Linear Weigher", "Multi-Heads Weigher". All the machine are filling the product by exact weighing method, so will not problem caused by product density change.

The linear weigher can be duplicated up to a maximum of 4 units, each unit has 2 vibrating trays, arranged in line, for feeding the product. The multi-heads weigher allows easy and quick change of the dosing product type and dose weight, while achieving high capacity and accuracy, each weighing head has own vibrating tray, pre-dosing and weighing bucket. The especial of our electronic weigher are high weight accuracy, waterproof for the vibrating tray and product bucket.

All trays and buckets are removable speed cleaning without using tool. Self adjust the vibrating density. Stepping motor driving to open the buckets. Working parameter store. Independent working or direct mounting on any packaging machine. Password code suitable production management.



電子式磅秤是設計用於自動稱量充填小的或塊狀產品，如義大利麵、穀物類、乾燥水果、麥片、糖果、餅乾、洋芋片、加工類食品、點心、冷凍蔬果...等，這二種都是以實際重量控制方式來定量，所以不會因為產品密度改變造成定量誤差。有直線式及多頭組合式磅秤兩種類型，直線式磅秤可以同時集中安裝最多4個秤重組，每一組都有單獨的兩個震動產品送料器；多頭組合式磅秤特別適用於快速、高重量精確度及多樣化產品之包裝生產，每一組均有自主的震動供料器、預定量及秤重斗。我們的自動電子秤重機特色如下：高重量精確度。震動器及產品斗採防水設計。震動器及產品斗不需工具即可快速取下清洗。震動強度自動調整。步進馬達驅動開啓斗門。所有製程參數均可記憶儲存以方便製程更換。可獨立運作或搭配任何包裝機連線運作。使用者及管理者的密碼設定功能，使生產製程更安全。

Model / 型號	VP51LW2'4	VP51MH8'10'12'14
Bag size / 袋尺寸 (mm)	W80-300×L80-500	
Bag shape / 袋型式	Pillow (背封式)、Square bottom (站立袋)、Zipper (拉鍊袋)	
Packing weight / 包裝重量	Up to 3kg	
Packing speed / 包裝速度(bags/min)	5-110	
Storing program / 儲存組數	10	100
Weighing accuracy / 秤重精度	1-3	0.5-2
Power (kw) / 電力	4	4.5-5
Machine overall dimension / 機械外觀尺寸 (L×W×H) (mm)	2550×1100×2900	2750×2400×3600

Weighing accuracy depended on product type.

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Vertical Form-Fill-Seal Machine / VP51SSLP

液體自動製袋充填包裝機

Auto Science Technology
Co., Ltd.



The VP51 vertical Form-Fill-Seal machine can be equipped with volumetric liquid filler for packing product juice, soy sauce, cooking oil, detergent, honey, jam, cream, salad dressing, oil grease, catch-up, chemical liquid, etc. The filling pipe is equipped with a shutting off device at the end of the pipe to prevent product dropping for keeping the sealing area clear. The packing line can be linking with check weight machine with feed back function to automatic adjust the filling volume. It is also can be equipped with impulse sealing device for packing most economical bag material like LDPE, HDPE, BOPP, etc.

直立式製袋充填包裝機可以搭配容積式液體充填機，可包裝如果汁、醬油、沙拉油、油脂、蕃茄醬、化學膠類等產品。充填管尾端會有一組斷料裝置，使充填後產品不會滴漏，所以可以保持封口的乾淨完整。這型包裝機也可以與重量自動檢查機連接並配合回授功能自動調整充填量，使連續不同批次之生產更方便，也可裝置瞬間加熱系統，使機械可以用於包裝更經濟的包裝材料，如單層PE及BOPP材料。

Model / 型號	VP51SSLP / VP51BSSLP
Bag size / 袋尺寸	W80-300×L80-500 / W250-44-×L250-700
Bag shape / 袋型式	Pillow (背封式)
Packing weight / 包裝重量	50g-10kg
Packing speed / 包裝速度(bags/min)	5-20
Storing programs / 儲存程式	100
Power (kw) / 電力	3 / 3.5
Machine overall dimension / 機械外觀尺寸 (L×W×H) (mm)	4800×1210×2560

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Vertical Cartoning Machine / VC50

立式裝盒機

Auto Science Technology
Co., Ltd.



The new series cartoning machine built with "BALCONY" design, allowing the mechanical working parts separated from the packaging area. It respects the present accident prevention maintenance and hygienic laws. The machine works with intermittent motion and with electric synchronisms controls, PLC and touch display control system functions recall-able; it is possible memorizing 100 menus with relative date for 100 different productions.

Conveyor type empty box magazine for easy loading boxes and easy change over to new box size.

Special box open device with two side suction cup by means of pull open the box stably.

新的旋掛式設計系列裝盒機，使機械運作零組件與包裝區域分開，這種設計針對容易維護保養、安全防護及衛生安全。機械以間歇式移動並含電子同步控制系統，邏輯程式控制器及觸控式操作介面，可記憶100組不同的產品運作參數，用於100種不同產品製程。

紙盒儲存部設計成輸送機型式，方便放置紙盒上去，也可以快速調整尺寸。

特殊雙面吸引紙盒打開成形裝置設計，紙盒開啓更穩定，適用廣泛的紙盒材料。

紙盒關閉方法：Carton can be closed:

- ◆ 扣入式 Tuck-in
- ◆ 熱膠黏合 Hot-melt glue
- ◆ 兩者共用 Both

紙盒尺寸：

Carton Size:

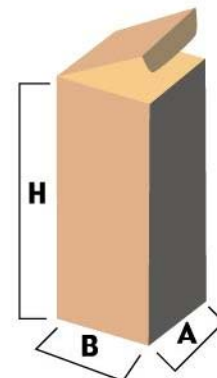
A: 20-80mm

B: 20-80mm

H: 60-200mm

(Special format size on request)

(可依客戶需求訂做特殊尺寸)



Mold / 型號	VC50
Capacity / 生產力	Max. 60 cartons / min
Air consumption / 空壓消耗	Consumption 1.5 / NL per cycle at 5kg/cm ²
Power supply / 電力	AC220V-60 / 50Hz-3Ph/1Kw (Other voltage on required)
Machine size / 機械尺寸 (L×W×H) (cm)	146*113*154

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Vertical Cartoning Machine / VC55

立式裝盒機

Auto Science Technology
Co., Ltd.



The new series cartoning machine built with "BALCONY" design, allowing the mechanical working parts separated from the packaging area. It respects the present accident prevention maintenance and hygienic laws. The machine works with intermittent motion and with electric synchronisms controls, PLC and touch display control system functions recall-able; it is possible memorizing 100 menus with relative date for 100 different productions.

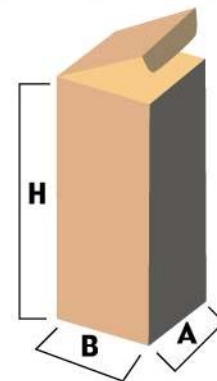
The VC55 machine is base design from VC50, but stretch to addition number of box station for easy loading the product into box. Conveyor type empty box magazine for easy loading boxes and easy change over to new box size. Special box open device with two side suction cup by means of pull open the box stably.

新的旋掛式設計系列裝盒機，使機械運作零組件與包裝區域分開，這種設計是針對容易維護保養、安全防護及衛生安全。機械以間歇式移動並含電子同步控制系統，邏輯程式控制器及觸控式操作介面，可記憶100組不同的產品運作參數，用於100種不同產品製程。這款機械類同於VC50直立式裝盒機，主要的差別在於將紙盒的輸送站位置增加拉長，沿伸出更多的空間，更方便裝產品入盒。紙盒儲存部設計成輸送機型式，方便放置紙盒上去，也可以快速調整尺寸。特殊雙面吸引紙盒打開成形裝置設計，紙盒開啓更穩定，適用廣泛的紙盒材料。

紙盒關閉方法：Carton can be closed:

- ◆ 扣入式 Tuck-in
- ◆ 熱膠黏合 Hot-melt glue
- ◆ 兩者共用 Both

紙盒尺寸：
Carton Size:
A: 20-140mm
B: 20-80mm
H: 60-200mm
(Special format size on request)
(可依客戶需求訂做特殊尺寸)



Mold / 型號	VC55
Capacity / 生產力	Max 60 cartons / min
Air consumption / 空壓消耗	Consumption 1.5 / NL per cycle at 5kg/cm ²
Power supply / 電力	AC220V-60 / 50Hz-3Ph/1Kw (Other voltage on required)
Machine size / 機械尺寸 (L×W×H) (cm)	150*113*154

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Semi-Automatic Box Glueing-Closing Machine / BC200

紙盒上膠封盒機

Auto Science Technology
Co., Ltd.



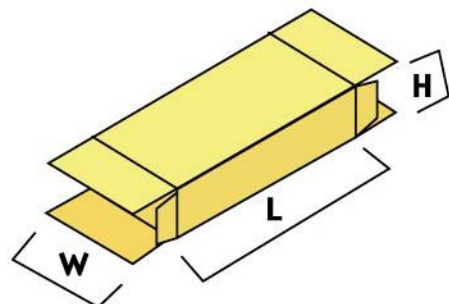
The BC200 machine is design to close box by glue. The difference from full automatic cartoning machine (like HC250) is take out the box opening device and product inser device, in order to cost down. It is suitable run for wide range of the box size. Easy adjust to other size with minimum change size parts required.

BC200上膠封盒機是設計用於自動將紙盒上膠然後封蓋的機械，與其他全自動裝盒機（如HC250）不同的地方在於去掉紙盒開盒及自動入產品的裝置，目的是減少採購成本。最適合用於紙盒尺寸有多樣變化的場合，可以很簡單快速調整機構以配合使用不同紙盒尺寸。

適用的紙盒尺寸範圍：

Box size range:

1. W15mm×H15mm×L60mm~W100mm×H150mm×L200mm
2. W30mm×H30mm×L100mm~W200mm×H150mm×L350mm



The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Horizontal Cartoning Machine / HC250

Auto Science Technology, Ltd.

Carton can be closed:

- ◆ Tuck-in
- ◆ Hot-melt glue
- ◆ Both

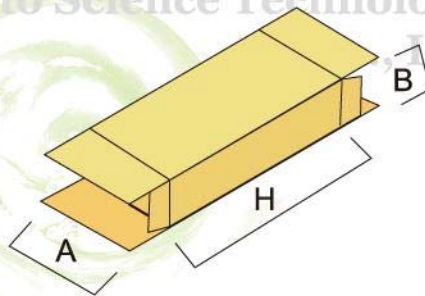
Carton Size:

A: 15-150mm

B: 15-80mm

H: 60-250mm

(Special format size on request)



"BALCONY" design



double side pull open



leaflet and bar-code check

The new series cartoning machine build with "BALCONY" design, allowing the mechanical working parts separated from the packaging area. It respects the present accident prevention maintenance and hygienic laws. The machine works with intermittent motion and with electric synchronisms controls, PLC and touch display control system functions recall-able; it is possible memorizing 100 menus with relative date for 100 different productions.

Mold	HC250
Machine speed	70, 90, 110 boxes/min
Electric installations	AC220V - 50/60Hz - 3ph - 2.5Kw (other voltage on required)
Power with hot-melt closure	7Kw
Power with tuck-in closure	2.5Kw
Air consumption	2 / NL per cycle
Time to change size	15min
Machine weight	1100Kg
Machine size (L×W×H) mm	3000*1510*1600

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

6-2-1) Wrap-Round Case Packaging Machine

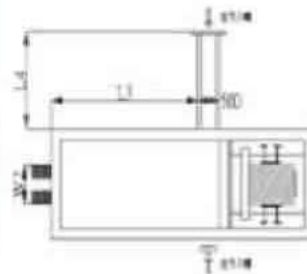
裹包式裝箱機

The wraparound case packer using flat blanks, Applicable for wrapping various products, such as: tin plate cans, PVC bottles, PET bottles and glass bottles. It is also possible to produce tray and display cases, and combined with shrink wrapping machine to suit many marketing requirements. The hand wheel provides extremely quick and easy to size change over. The machine are controlled by PLC and touch display system which made by "NATIONAL". The pneumatic and vacuum are using "BOSCH" or made in German.

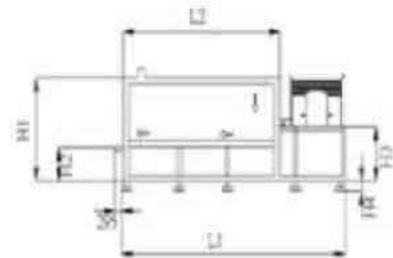
圍繞式裝箱機使用平面瓦楞紙，裹包產品適應各種馬口鐵罐、鋁罐、PVC瓶、PET瓶、玻璃瓶等不同罐型。他也可以放置隔底匣及顯示紙箱，並且搭配收縮膜機將會非常符合市場的需求！手轉輪可以非常快速容易的改變尺寸大小。機器是由PLC控制；且採用NATIONAL微觸理控制與中文液晶顯示偵測系統共同使用，讓操作人員更易於檢修保養；則汽缸採用德國“BOSCH”正廠元件，確保長期使用率。



SFA-2124



SFA-2124



	L	W	H
MIN	250	140	40
MAX	410	350	240

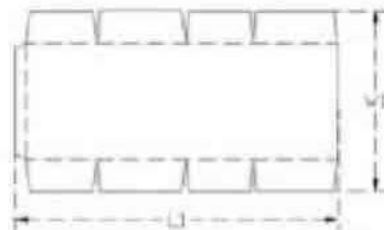
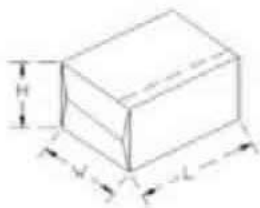
	L1	W1
MIN	300	250
MAX	976	710

SFA-2125

	L	W	H
MIN	250	140	40
MAX	410	350	240

	L1	W1
MIN	300	250
MAX	976	710

	SFA-2124		SFA-2125
L1	4443	L1	4893
L2	2923	L2	2923
L3	2173	L3	2173
L4	2900	L4	2900
W1	1300	W1	1300
W2	400	W2	400
H1	Conveyor High+375	H1	Conveyor High+485
H2	Conveyor High-416	H2	Conveyor High-516
H3	Conveyor High-61	H3	Conveyor High-61
H4	100+/- 50	H4	100+/- 50



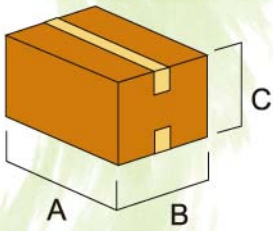
Mold / 型號	VC50
Capacity/ 生產力	Up to 30 cartons / min
Air consumption / 空壓消耗	23L/Per
Power supply / 電力	AC220V-60 / 50Hz-3Ph/1Kw
Machine size / 機械尺寸 (L×W×H) cm	100*150*100
Closed box by / 紙盒關閉	Hot-melt glue

The technical data and picture, we reserve the right to make change without prior notice.

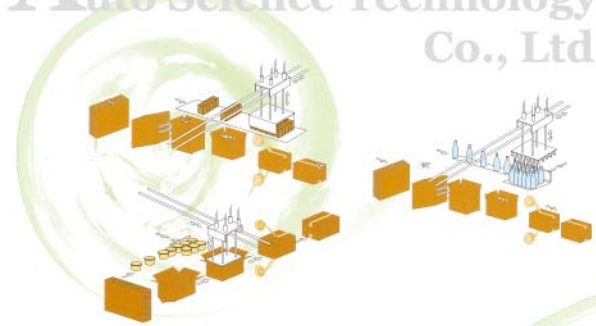
<http://ast-info.myweb.hinet.net/>

Top-Load Case Packaging Machine / VB4

Auto Science Technology
Co., Ltd.



Carton Size:
A: 170-560mm
B: 170-320mm
C: 120-250mm
(Special format size on request)



VB4 is a fully-auto top-load case packer system to combine with an auto erects case, accumulates/top load product and seals case. It is suitable to handle regular or non-regular shaped products. Its main features are the module design, the high versatility obtained with a greatly reduced time for a size change and the very compact layout. The Hand Wheel provides extremely quick and easy to size changeover. Then machine are controlled by PLC and touch display system which made by "VB Taiwan". The pneumatic and vacuum are using "SMC ro FESTO".

Mold	VB4
Speed	4-12 cyc/min
Compressed air consumption	50-60 NL/min
Air pressure	6 BAR
Power consumption	1.5Kw 200V-3Ph 60/50Hz
Machine weigh	800Kg
Machine size (L×W×H) (cm)	100×150×180

The technical data and picture, we reserve the right to make change without prior notice.

<http://www.ast-pack.com>

Rotary Bend Sealer with Wicket Bag Machine

迴轉式自動取袋封口機

- The Teflon sealing bend ensures good seal and provide wide range of the bag material.
- A PID temperature controller keeps consistent sealing temperature. It can be minimized Seal-to-Product distance to reduce bag waste.
- Renewable parts, such as sealing bands, feed belts, and thermocouple are easily and quickly changed in few minutes.

AUTOMATIC WICKET BAG MACHINE

- The wicket bag machine is equipped with S550 Rotary bend sealer. It handles bags from 150mm through either 300, 500, or 580mm face widths and lengths up to 800mm.
- To deserve to be mentioned are as, PLC controller, no bag/no fill, empty bag detection, fast clean-up and easy changeover, easy operation, low operating and maintenance costs.
- 使用鐵弗龍密封傳送以確保產品的封裝並能應用各種材質的袋子來包裝。
- 採用 PID 溫度控制器使密封溫度維持一致,可縮短密封到成型的距離,以減少袋子的浪費。
- 零組件如熱封帶、送料皮帶及熱電偶,只需數分鐘即可輕鬆又快速地更換。

自動取袋機

- 若自動取袋機搭配迴旋式封口機,將能夠處理從長 150mm 到 300 '500mm,寬 580mm 長度最大 800mm 的袋子。
- 特色: 如 PLC 控制器、無袋停料、無袋偵測、快速清潔及輕鬆改變、操作簡單、低作業及維護成本等特點。



The technical data and picture, we reserve the right to make change without prior notice.

<http://ast-info.myweb.hinet.net/>



PRODUCT SIZE : 100x100MM~100x350MM
(One Product Size Only For One Machine, Extra Size Optional.)
SPEED: MAX. 90PCS/MIN (ACCORDING TO THE MATERIAL USED)
MOTOR : 150Wx1 , 1.3HPx1
HEATER : 1.2KW
DIMENSIONS : 340Lx140Wx200H (CM)
N.W. : 1200KGS
G.W. : 1400KGS



ISO 9001: 2000
Registration No. 031000

Machine Speed : Max. 90 Pcs/Min

敷料包裝機



奧圖象企業有限公司
AUTO SCIENCE TECHNOLOGY CO.,LTD
NO. 16, Alley 1, Lane 573, Pin-Dong Rd., Pin-Chien City, Taur Yuan
Hsien, Taiwan, R.O.C.
Tel:886-3-439603020 Fax:886-3-4603011
e-mail:ast.info@msa.hinet.net web: www.ast-pack.com

WGS-1

STANDUP BAG FILLING & SEALING MACHINE



We can also tailor-make new models according to customer's requirement

- High Automation Level
- Programmable Logic Controller
- Flexible Adjustability
- Touch Screen Control Interface
- Online Inspection System
- World Brand Pneumatics & Electricals
- Compact Design

This machine is to fill and seal flexible pouch with particulate, solid, liquid or content of other nature. Typical application: sweets, food, spice, cosmetics, cleansers and more.

Capacity	20-35 bags/ min
Bag Dimension	100-210(W)x350(H)or less
Power Supply	AC 380v, 50HZ,3 phase 2.1kw
Machine Dimension	2500X1800X1800mm
Machine Weight	1200Kg

Flow chart

- A. Robot arm type bag loading
- B. Manufacture date/lot No. printing
- C. Bag opening & pre-blowing
- D. Bag 1st filling
- E. Bag 2nd filling
- F. Bag 1st heat sealing
- G. Bag 2nd heat sealing
- H. Cool sealing & product dispensing

奧圖象企業有限公司

Auto Science Technology Co., Ltd

TEL:886-3-4603020 FAX:886-3-4603011

桃園縣平鎮市平東路573巷1弄16號

No.16, Alley1, Lane573, PinDong Rd,

Pin-Chien City, Taur Yuan Hsien, Taiwan R.O.C.

奥圖象企業有限公司
 AUTO SCIENCE TECHNOLOGY CO.,LTD
 NO. 16, Alley 1, Lane 573, Pin-Dong Rd., Pin-Chien City,
 Taur Yuan Hsien, Taiwan, R.O.C.
 Tel:886-3-4393086 Fax:886-3-4397739
 e-mail:ast.info@msa.hinet.net
 web:www.ast-pack.com

This machine is designed and improved by our engineers. It is specially for the packing of both one blister of ampoule and one blister of vial according to the requirement of customers. It is composed of blister forming, ampoule feeding, vial feeding, feeding, hot sealing, cutting and cartoning. It is controlled by PLC, has advanced self-examining function can identify broken blister, shortage of bottle, shortage of manual and empty box examining memory. It can waster at 100% level, can be used for the stuffing of vial and manual boxing automatically.



主要技术参数 Main technical parameter

序号	项目	技术参数
1	冲裁频率(punching frequency)	30 次/min (time/min) 4版/次 (plate/time) time/min
2	最大成形面积(max forming area)	110×240 mm
3	行程范围(adjustable scope of travel)	30 ~ 120 mm
4	药罐规格(specification of blister)	(可按用户要求设计) (can design as the requirement of customer)
5	包装材料(packaging material)	无毒PVC薄片; 应符合GB5663; 0.15~0.45×2.50mm, 普通孔径均为75mm (PVC should conform with GB5663; 0.15~0.45×2.50mm, the aperture of slot is 75~75mm)
6	主机功率(total power)	1.5KW
7	适用范围(scope of application)	1ML, 2ML, 5ML, 10ML; 安瓿瓶(1ML, 2ML, 5ML, 10ML ampoule) 2ML, 5ML, 10ML; 西林瓶(2ML, 5ML, 10ML vial)
8	钣金规格 (长×宽×高) (specification of carboard case) (L×W×H)	(65~170) × (45~80) × (15~50) mm
9	药品说明书 (长×宽) (leaflet of medicine)(L×W)	(100~200) × (125~160) mm
10	说明书质量要求 (leaflet quality requirement)	55~70 g/m ²
11	装盒能力(cartoner speed)	120盒/min box/min 30次/4版
12	主电机功率(main motor power)	1.5KW
13	气压(pressure)	0.6~1.0 mpa
14	总耗气量(最大) (total air-consumption)(max)	450 L/min
15	外形尺寸 (长×宽×高) (packaging dimensions) (L×W×H)	8500×1900×1700mm
16	重量(weight)	5000kg
17	机总功率(total power of machine)	10KW

AVB-250-2

Automatic Ampoule /Vial Double Feeder Packing Production Line

