

公司简介:

## Company Introduction:

ANHUI KOYO PACKAGING MACHINERY CO.,LTD. was founded in 1998,has been fighting for researching,producing and servicing hundreds of weighing packaging machines at home and abroad more than 20 years.

Our products mainly includes automatic vertical weighing packing machines,automatic vacuum packing machine,automatic filling line and ancillary equipment in the first 10 years. The machines are widely used for granules,powder,liquid,paste,irregular shape products in industries of food,agriculture,chemical,building,plastics,etc.

Along with the labor cost is increasing higher and higher,customers want to use machines instead of labor to work in recent 10 years, our company has researched and produced a lot of automatic bulk packaging machine& palletizing system and automatic secondary packing line for baler bags in plastic bag / pp woven bag/carton for helping our customers to reduce the labor cost and increase productivity to a great extent.

Based on professional teams for machine design,drawing making,machine assembling and testing, professional service team for helping customer install and test the machines,also giving training.With 20 years experience, we've cooperated with hundred of Well-known enterprises:Unilever (OMO), P & G, Charoen Pokphand Group, Liby Group, Industrias Alimenticias Gustossi Srl Group, UCI Indonesia salt company, Yihai Grain and Oil, COFCO, Dongfang Yuhong Technology Co., Ltd., Taetee Group, Sinopec Baling Branch, Zhengzhou Sanquan Foods, Shuanghui Co., Ltd., etc.

安徽科苑包装机机械有限公司创立于 1998 年，致力全自动包装机设计、制造与销售二十余年。

我司主要生产全自动立式称量包装机，全自动真空包装机，全自动罐装线，广泛应用于颗粒、粉体、液体以及不规则形状物料的包装。随着近 10 年，人工成本增加，我司研发制造了上百套全自动二次包装线，用于将一次包装袋装入二次包装袋/箱以及 25~50kg 重袋包装码垛线，帮助我们客户实现工厂自动化，降低人工成本。

我司有专业的设计研发、机械装配调试以及售后服务团队，根据客户要求，提供及时高效的服务，十余年的实践与积累，我司成功与上百家知名企业达到合作，在此感谢：联合利华，宝洁，正大集团，立白集团，Gustossi Srl 食品公司，UCI 盐业，益海嘉里，中粮集团，东方雨虹，中石化集团，三全食品，双汇集团等。

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**1.Vacuum packing machine**

真空包装机

**1.1Auto granule pillow bag film forming vacuum packing machine**

全自动颗粒两面体真空包装机

**Introduction:**

This packing unit consists of one vertical vacuum packing machine for vacuuming and bagging ,one set linear weigher for weighing , one vertical bucket elevator for feeding ,one platform for supporting weigher and one conveyor for taking off the finished bags .It integrates functions of automatic bag-making, weighing, filling,vacuuming, sealing, printing, cutting . The advanced design has guaranteed this machine suits for different kinds of granules,like rice,beans,seeds,corns and other kind of solid granules.

该机组包含喂料提升机，称量机，两面体真空包装机，成品输送机，具有全自动喂料、称量、填充、制袋、真空包装、封口、计数等功能，适用于颗粒物料，如：大米，豆类，种子，谷物，蔬菜等。


**Technical parameters:**

计数参数:

Model 型号	Weighing Machine 称量机	Bag type 袋型	Max Roll Film width 最大膜宽	Bag size:(mm) 袋子尺寸	Max speed BPM 包装速度
KY320	Linear weigher/ combination head weigher 线性秤、多头 秤	Pillow type vacuum bag 枕式袋真空	320mm	W(60-150)*L(80-180)	30BPM
KY420D			420mm	W(80-200)*L(80-280)	25BPM
KY520			540mm	W(120-260)*L(80-340)	20BPM
KY730B			730mm	W(150-350)*L(120-460)	15BPM
KY7800			780mm	W(150-375)*L(120-460)	10BPM
KY1100			1100mm	W(300-535)*L(300-650)	8BPM
KY1500			1500mm	W(350-725)*L(300-900)	6BPM

## 1.2 Autogranule brick bag film forming vacuum packing machine

### 全自动六面体颗粒真空包装机

#### Introduction:

This machine including one set automatic vertical bag making packing and sealing machine .one set linear weigher ,One set vacuum packing machine , one set output conveyor .This machine are widely use for packing food pharmacy chemical and other granules, Like coffee beans,yeast powder and so on .The whole machine adopting inside pumping to vacuum product .The vacuum degree is very high and packing speed is very high ,the finished product is very nice and have a long shelf life.

该机组包含喂料提升机，称量机，立式包装机，六面体真空包装机，成品输送机，具有全自动喂料、称量、填充、制袋、真空包装、封口、计数等功能。

	<p>1.Full line includes:Linear weigher/multihead weigher +vertical packing machine+ brick bag vacuum machine 整套机组包含：线性秤/组合秤+包装机+真空包装机</p> <p>2. vacuum chamber quantity: 1 or 2 sets ( according to customer capacity ) 真空腔数量：1-2 台（根据客户产量）</p>		<p>1.Full line includes:Linear weigher/multihead weigher +vertical vacuum packing machine 整套机组包含：线性秤/组合秤+立式真空包装机</p> <p>2.vacuum chamber quantity: 1 set 真空腔数量：1 台</p>
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#### Technical parameters:

##### 计数参数:

Model 型号	KYV5K	KYV20K	KYV500N	KYV500N2	KYV520(NEW)
Products 产品	Granules 颗粒				
Roll material 卷膜	Laminated film 复合膜				
Bag type 袋型	Vacuum brick bag 六面体				
Packaging weight 包装重量	2~5kg	5~20kg	70g~2kg	70g~2kg	70g~5kg
Packing speed 包装速度	5~8bpm	4~6bpm	15~20bpm	35~40bpm	8~20bpm
Accuracy 精度	±0.1~0.2%				
Machine power 电源	380V 50HZ 3P				


### 1.3 Autopowder brick bag film forming vacuum packing machine

全自动六面体粉体真空包装机

Introduction:

This machine including one set automatic vertical bag making packing and sealing machine .one set auger filler,One set vacuum packing machine , one set output conveyor .This machine are widely use for packing powder,like flour,coffee powder,yeast powder and so on .The whole machine adopting inside pumping to vacuum product .The vacuum degree is very high and packing speed is very high ,the finished product is very nice and have a long shelf life.

该机组包含喂料提升机, 称量机, 立式包装机, 六面体真空包装机, 成品输送机, 具有全自动喂料、称量、填充、制袋、真空包装、封口、计数等功能, 当配置不同称量机时, 可适用于粉体物料, 如: 面粉、咖啡粉、酵母粉等。

	<p>1.Full line includes:auger filler +vertical packing machine+ brick bag vacuum machine 整套机组包含: 螺旋计量机+包装机+真空包装机</p> <p>3. vacuum chamber quantity: 1 or 2 sets ( according to customer capacity ) 真空腔数量: 1-2 台 (根据客户产量)</p>
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Technical parameters:

计数参数:

Model 型号	KYV5K	KYV20K	KYV500N	KYV500N2
Products 产品	Powder			
Roll material 卷膜	Laminated film			
Bag type 袋型	Vacuum brick bag			
Packaging weight 包	2~5kg	5~20kg	70g~2kg	70g~2kg
Packing speed 包装	4~6bpm	3~5bpm	12~15bpm	32~35 bpm
Accuracy	±0.2~0.5%			
Machine power	380V 50HZ 3P			



### 1.4 Auto granule premade bag vacuum machine

全自动颗粒给袋式真空包装机



#### Introduction:

This machine consists of one set linear weigher for weighing and filling, one set bag given type vacuum packaging machine, one set take-off conveyor, it own functions of automatic weighing, filling, bag giving, vacuuming, sealing and taking off. It is suitable for granules, such as: rice, miscellaneous grains, beans, cashew nuts, etc.

该机组包含一台称量机，一台给袋式真空包装机，一台成品输送机，具有上袋、开袋、填充、真空包装、封口、日期打印、冷却、计数等功能。

#### Technical parameters:

计数参数:

Model 型号	KYG2-5K
Packing range 包装重量	0.25~5kg
Packing speed 包装速度	700-800 bags/hour (包/小时)
Packaging error 精度	2~5g (g)
Power consumption 电源	AC380V 50HZ 2.5KW
Gas source requirements 耗气量	0.6Mpa 4m <sup>3</sup> /h
Appearance size 尺寸	length 2440*width 2445*height 2908 (mm) (长*宽*高)
Vacuum degree (MPa) 真空度	-0.07-0 (adjustable) (可调)



### 1.5 Semi-auto vacuum packing machine

半自动真空包装机

Introduction:

This machine consists of one set weighing and filling machine, one set vacuum packaging machine, one set take-off conveyor, manual put the bag on weighing machine discharge mouth, the weigher automatically weighing and filling, then manual put the bag on vacuum device for automatically vacuum and sealing, can be vacuum packaging powder and granule when equipped with different weighing machine.

该机组包含一台称量机，一台真空包装机，人工上袋后，该机组可全自动完成称量，填充和真空封口等功能，当配置不同的称量机时，可用于真空包装颗粒和粉体物料。

	<p>Machine: Linear weigher+semi-auto vacuum machine                  机器：线性秤+半自动真空包装机                  Application: rice, sugar, beans, seeds, grains, fertilizer, feed, corns, detergent powder, corns, etc.                  应用：大米，白糖，豆类，种子，谷物，饲料，肥料，玉米等颗粒物料。</p>		<p>Machine: auger filler+packing machine+vacuum machine                  机器：螺旋计量机+半自动真空包装机                  Application: wheat flour, chili/seasoning/coffee/protein, coconuts powder, etc.                  应用：面粉，辣椒粉，调味料粉，咖啡粉，蛋白粉等。</p>
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Technical parameter:

计数参数

Model 型号	KYV-5P	KYV-10P
Packing range 包装量	2.5~5kg	5~25kg
袋型 bag shape	Pillow bag, brick bag 枕式袋/六面体袋	
Packing speed 速度	480-600 bags/hour	240-360bags/hour
Packaging error 精度	X(0.2-0.5)	
Power consumption 电源	AC380V 50HZ 5KW	AC380V 50HZ 5.5KW
Gas source requirements 耗气量	0.4-0.8Mpa 1m <sup>3</sup> /h	
Vacuum degree (MPa)真空度	-0.07-0 (adjustable)	


## 2.Vertical packing machine

### 立式包装机

#### Introduction:

The vertical packing machine integrates functions of automatic bag-making,filling,sealing,printing,punching,cutting and sealing into one. It is can be used for weighing packing granules,powder,liquid and irregular shape materials when equipped with different type of weighing machine.

该机具有制袋、填充、封口、日期打印、计数等功能，当配置不同系统的称量机时，可用于全自动称量包装颗粒、粉体、液体以及不规则产品。

				
<p>Machine:2/4/6 heads Linear weigher+Vertical packing machine                      机器：2/4/6 头线性秤+立式包装机                      Application:rice,sugar,beans, seeds, grains,fertilizer,feed, corns ,detergent powder,corns,etc.                      应用：大米，白糖，豆类，种子，谷物，饲料，肥料，玉米，洗衣粉等颗粒物料。</p>	<p>Machine:10/14/16/20 heads combination weigher+vertical packing machine                      机器：10/14/16/20 头组合称+立式包装机                      Application:snacks,chips,puffed food,dried food,frozen food,etc.                      应用：薯片，膨化食品，干燥食品，冷冻食品等。</p>	<p>Machine:cup filler+vertical packing machine                      机器：量杯+立式包装机                      Application:small granules,salt,rice,seeds, etc.                      应用：盐，大米，种子等小颗粒物料。</p>	<p>Machine:auger filler+vertical packing machine                      机器：螺旋计量机+立式包装机                      Application:wheat flour,chili/seasoning/coffee/protein,coconuts powder,etc.                      应用：面粉，辣椒粉，调味料粉，咖啡粉，蛋白粉等。</p>	<p>Machine:filling pump+vertical packing machine                      机器：计量泵+立式包装机                      Application:oil,sauce,juice,beverage, milk,paint,etc                      应用：油，酱体，果汁，饮料，牛奶，涂料等。</p>





Technical parameters:

计数参数:

Model 型号	Bag type 袋型	Max Roll Film	Bag size:(mm) 袋子尺寸 (毫米)	Max speed BPM
KY60B	3/4 side seal, pillow bag 3/4 边封, 枕式袋	220	W(20-100)*L(40-200)	65
KY320	Pillow/gusset bag 枕式袋、插角袋	320	W(60-150)*L(80-180)	55
KY420D	Pillow/gusset/hole punch bag 枕式袋、插角袋、冲孔袋	420	W(80-200)*L(80-280)	50
KY520	Pillow/gusset/hole punch/quad bag 枕式袋、插角袋、冲孔袋、盒式袋	540	W(120-260)*L(80-340)	50
KYG5000	Pillow bag 枕式袋	550	W(70-260)*L(50-380)	100~120BPM
KY730B	Pillow/gusset/hole punch bag/quad bag 枕式袋、插角袋、冲孔袋、盒式袋	730	W(150-350)*L(120-460)	45
KY7800	Pillow/gusset/hole punch bag 枕式袋、插角袋、冲孔袋	780	W(150-375)*L(120-460)	40
KY1100	Pillow/gusset/hole punch bag 枕式袋、插角袋、冲孔袋	1100	W(300-535)*L(300-650)	10
KY1500	Pillow/gusset/hole punch bag 枕式袋、插角袋、冲孔袋	1500	W(350-725)*L(300-900)	8

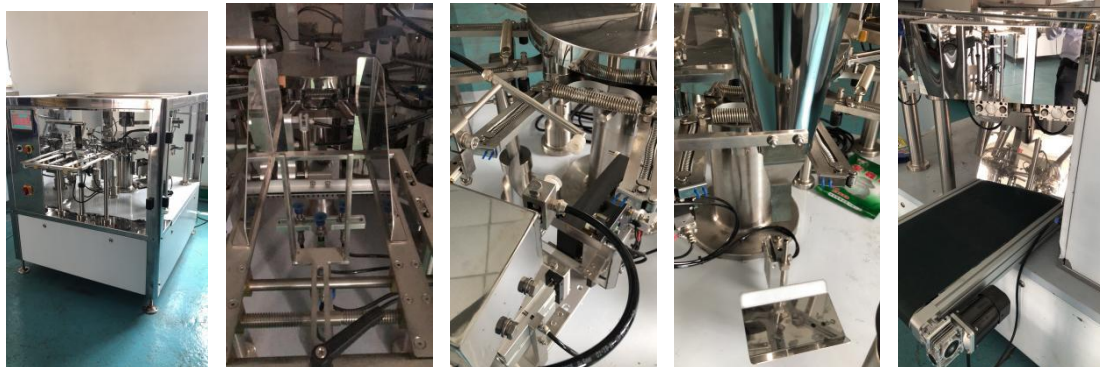
### 3.Rotary packing machine

#### 给袋式包装机

The rotary packing machine integrates functions of automatic bag-feeding, bag opening,filling,sealing,printing,sealing and cooling into one. It is can be used for weighing packing granules,powder,liquid and irregular shape materials when equipped with different type of weighing machine.

该机具有上袋、开袋、填充、封口、日期打印、冷却、计数等功能，当配置不同系统的称量机时，可用于全自动称量包装颗粒、粉体、液体以及不规则产品。

				
<p>Machine:2/4/6 heads Linear weigher+rotary packing machine 机器：2/4/6 头线性秤+给袋式包装机 Application:rice,sugar ,beans, seeds, grains,fertilizer,feed, corns ,detergent powder,corns,etc. 应用：大米，白糖，豆类，种子，谷物，饲料，肥料，玉米，洗衣粉等颗粒物料。</p>	<p>Machine:10/14/16/20 heads combination weigher+rotary packing machine 机器：10/14/16/20 头组合秤+给袋式包装机 Application:snacks,chips,puffed food,dried food,frozen food,etc. 应用：薯片，膨化食品，干燥食品，冷冻食品等。</p>	<p>Machine:cup filler+rotary packing machine 机器：量杯+给袋式包装机 Application:small granules,salt,rice,seeds,etc. 应用：盐，大米，种子等小颗粒物料。</p>	<p>Machine:auger filler+rotary packing machine 机器：螺旋计量机+给袋式包装机 Application:wheat flour,chili/seasoning/coffee/protein, coconuts powder,etc. 应用：面粉，辣椒粉，调味料粉，咖啡粉，蛋白粉等。</p>	<p>Machine:filling pump+ rotary packing machine 机器：计量泵+给袋式包装机 Application:oil,sauce, juice,beverage,milk, paint,etc 应用：油，酱体，果汁，饮料，牛奶，涂料等。</p>



## Technical parameters:

Model 型号	Working station	Bag type 袋型	Bag size:(mm) 袋子尺寸	Packaging speed 包装速度
KYG6-200	6	3/4 seal bag,flat bag	W(80-200)*L(100-300)	Max 40BPM
KYG6-260	6	三边封、四边封袋, 平面袋	W(130-260)*L(100-300)	Max 30BPM
KYG6-300	6		W(180-300)*L(200-500)	Max 20BPM
KYG8-200	8		3/4 seal bag,doy bag,stand up bag, zipper bag,sprout bag	W(80-200)*L(100-300)
KYG8-260	8	三边封、四边封袋, 平面袋, 自立袋, 拉链袋, 壶嘴袋	W(130-260)*L(100-300)	Max 30BPM
KYG8-300	8		W(180-300)*L(200-500)	Max 20BPM

#### 4. Auto granule/powder bulk bag packaging&pallet robot

Introduction:

KYZD-K /KYZD-F system auto bulk bag packing machine is developed specifically for 10~50kg heavy bag of granule or powder products which made in agriculture and food industry,such as rice,seeds,fertilizer, feed, sugar,pet food,flour,milk powder,etc. This machine can realize automatic weighing,bag-feeding, filling, bag-conveying, sealing/sewing, etc.

介绍:

全自动颗粒/粉体重袋包装码垛线

KYZD-K /KYZD-F 型自动颗粒/粉体散装袋包装机是专门为农业，食品工业生产的 10~50kg 重袋颗粒产品开发的，如大米，种子，肥料，饲料，糖，宠物食品、面粉、牛奶粉等。该机可实现自动称重，装袋，灌装，袋装输送，封口/缝制等。本公司最新改进技术，采用高速伺服称重机代替普通称重机，大大提高了称重速度。



Advantages:

优点:

Machines 机器		Features 优点
Weighing machine 计量机	High speed servo weighting machine for granule products 高速颗粒伺服称	<ul style="list-style-type: none"> <li>◆ Single weighing head 单称,</li> <li>◆ Servo motor controlling the feeding gate 伺服电机控制喂料门</li> </ul>
	WLD25K horizontal screw filling machine for powder products 卧式螺旋粉体计量机	<ul style="list-style-type: none"> <li>◆ Twin horizontal screw filling system 双头卧式螺旋计量系统,</li> <li>◆ Load cell for weighing material weight 承重传感器称量物料重量;</li> </ul>
Automatic bulk bag packaging machine 重袋包装机		<ul style="list-style-type: none"> <li>◆ With functions for automatic bag taking,bag opening, powder filling etc.全自动上袋、开袋、填充等功能;</li> <li>◆ Touch Screen &amp; PLC Siemens 西门子触摸屏人机界面;</li> <li>◆ SMC air Pneumatic SMC 气动元件;</li> <li>◆ Delta Servo Motor 台达伺服电机;</li> <li>◆ Conveyor system 输送系统。</li> </ul>
Automatic sealing/sewing machine 全自动封口缝包机		<ul style="list-style-type: none"> <li>◆ Equipped with different sealing/sewing machine for different sealing /sewing way 根据不同的封口缝包样式配置不同的封口缝包机</li> </ul>
Pallet robot 码垛机器人		<ul style="list-style-type: none"> <li>◆ Customer can choose different international brand robot ,such as ABB,KUKA,FUJI for China brand 客户可自由选择码垛机器人的品牌，如 ABB,KUKA,FUJI;</li> <li>◆ Can offer pallet system includes pallet library,empty tray feed conveyor,full tray conveyor,wrapping machine,etc. 可根据客户需求，配置自动托盘库，码垛机器人，缠绕机等设备。</li> </ul>



## Technical parameters:

## 计数参数

Model 型号	KYZD-K10/KYZD-F10	KYZD-K25/KYZD-F25	KYZD-K50/KYZD-F50
Material of premade bag 袋子材质	PP Woven bag,plastic bag,kraft paper bag 编制袋, 塑料袋, 牛皮纸袋		
Packaging products	Granules/Powder 颗粒		
Packaging size 包装尺寸	350-450*630-830mm	450-550*800-1000mm	550-650*900-1100mm
Speed 速度	4~15bags per min (包/分钟)		
Weighing accuracy 计量精度	±0.2%		
Power supply 电源	380V±10% 50Hz 6KW		
Machine weight 机器重量	1900kg	2100kg	2500kg
Machine size 机器尺寸	5500*1600*4200mm	5800*1800*4500mm	6000*2000*4900mm
Air supply source 气源	0.6MPa, 0.5m <sup>3</sup> /min		
Sealing type 封口缝包样式	Woven bag:sew;kraft paper bag:sealing/sew;plastic bag:sealing 编制袋: 线缝, 塑料袋: 热封, 牛皮纸袋热封+线缝		

## 5.Secondary baling packing line

### 二次包装线

#### 5.1Auto bag-in-plastic bag baler packing machine

##### 全自动小袋-塑料袋二次包装线

###### Introduction:

This is a complete secondary packing line, includes primary packaging machine, connecting conveyor, automatic bag baler packing machine, take-off conveyor, suitable for baler the small bags into big plastic bag in a certain order. Can be used for different kinds of granule or powder products when equipped with different dosing machine, such as: salt, sugar, rice, seasoning powder, etc.

这是一条完整的二级包装流水线，包括一级包装机，连接输送机，自动打包机打包机，下料输送机，适用于将小袋子按一定顺序打包成大塑料袋。可用于不同种类的颗粒 装有不同加药机的粉状或粉状产品，例如：盐，糖，大米，调味粉等。



###### Technical parameters:

###### 计数参数:

Model 型号	KY1100
Packaging range 包装重量	100g~1kg
Products 产品	Granule, powder 颗粒/粉体
Bag Materials 包装膜	Laminated film or LDPE film 复合膜/单膜
Packing speed 速度	80~90 primary bags/min 袋/分钟
Ranking form 排列形式	single row laying/ double row laying/Three row laying
Compressed air 压缩空气	0.4~0.6MPa
Power 电源	380V±10% 50Hz 20kw

**Advantages:**
**优点:**

1. The front two sets automatic primary packaging machine own functions of weighing,filling,bag-making,sealing,cutting,date printing,etc.used for packing bulk material in bags.

前两台自动一次包装机具有称重，填充，制袋，封口，切割，日期印刷等功能，用于包装袋装散装物料。

2. The connecting conveyor includes the converge conveyor to receive finished bags from primary packaging machines and climbing conveyor to send bags to baler packing machine.

连接输送机包括会聚输送机，用于从初级包装机接收成品袋，而爬升输送机将袋发送至打包机。

3. The baler packing machine own functions of bag dropping, bag-making,sealing,cutting,date printing,etc.used for packing primary packaging bags into big plastic bag in a certain order.

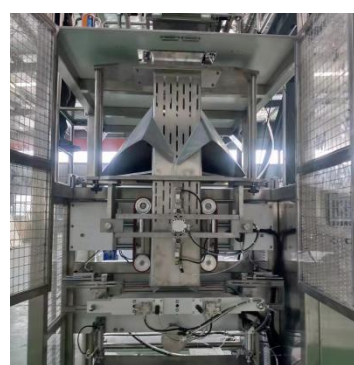
打包机包装机具有落袋，制袋，封口，切割，日期印刷等功能，用于将初级包装袋按一定顺序包装到大塑料袋中。

4. all the primary packaging machine and baler packing machine adopts international famous brand components, like Siemens PLC&touch screen, Omron temperature controller,Panasonic servo driver,Airtac/SMC pneumatic components,Schneider electrical components,etc. Works stable.

所有的初级包装机和打包机包装机均采用国际知名品牌的组件，如西门子 PLC 和触摸屏，欧姆龙温度控制器，松下伺服驱动器，Airtac / SMC 气动组件，施耐德电气组件等。工作稳定。

5. Minimize labor costs, improve packaging efficiency, and promote factory automation

最大限度地减少人工成本，提高包装效率，并促进工厂自动化



## 5.2 Auto bag-in-woven bag baler packing machine

全自动小袋-编织袋二次包装线

### Introduction:

This is a complete secondary packing line, includes primary packaging machine, connecting conveyor, automatic bag baler packing machine, take-off conveyor, suitable for baler the small bags into pp woven bag in a certain order. Can be used for different kinds of granule or powder products when equipped with different dosing machine, such as: salt, sugar, rice, detergent powder, etc.

这是一条完整的二级包装流水线，包括一级包装机，连接输送机，自动打包机打包机，下料输送机，适用于将小袋子按一定顺序打包成 pp 编织袋。可用于不同种类的颗粒 装有不同加药机的粉状或粉状产品，例如：盐，糖，大米，洗涤剂粉等。



### Technical parameters:

计数参数

Model	KYSP1	KYSP2
Packaging range	500g~5kg	
Products	Granule, powder	
Packaging Materials	Primary packaging: laminated film or LDPE film	
Baler chamber	Single chamber	Double chamber
Packing speed	80~90 primary bags/min	160~180 primary bags/min
Ranking form	single row laying/ double row laying/ Three row laying	
Compressed air	0.4~0.6MPa	
Power	380V±10% 50Hz 25kw	



**Advantages:**

- |   |
|---|
| <p>1. The front two sets automatic primary packaging machine own functions of weighing,filling,bag-making,sealing,cutting,date printing,etc.used for packing bulk material in bags.<br/>前两台自动一次包装机具有称重，填充，制袋，封口，切割，日期印刷等功能，用于包装袋装散装物料。</p>  |
| <p>2. The connecting conveyor includes the converge conveyor to receive finished bags from primary packaging machines and climbing conveyor to send bags to baler packing machine.<br/>连接输送机包括会聚输送机，用于从初级包装机接收成品袋，而爬升输送机将袋发送至打包机。</p>   |
| <p>3. The baler packing machine own functions of bag feeding, bag opening, primary bag dropping, bag conveying,sewing,etc.used for packing primary packaging bags into big pp woven bag in a certain order.<br/>打包机包装机具有开袋，填充，缝包，输出等功能，用于将初级包装袋按一定顺序包装到大塑料袋中。</p>   |
| <p>4. all the primary packaging machine and baler packing machine adopts international famous brand components, like Siemens PLC&amp;touch screen, Omron temperature controller,Panasonic/Delta servo driver,Airtac/SMC pneumatic components,Schneider electrical components,etc. Works stable.<br/>所有的初级包装机和打包机包装机均采用国际知名品牌的组件，如西门子 PLC 和触摸屏，欧姆龙温度控制器，松下伺服驱动器，Airtac / SMC 气动组件，施耐德电气组件等。工作稳定。</p> |
| <p>5. can equipped with metal detector,check weigher or pallet robot according to customer's requirement.<br/>可配置重量选别机，码垛机器人等设备</p>   |
| <p>6.Minimize labor costs, improve packaging efficiency, and promote factory automation<br/>最大限度地减少人工成本，提高包装效率，并促进工厂自动化</p>   |



### 5.3 Auto bag-in-carton packing line

全自动小袋-纸箱二次包装线

Introduction:

This is a complete secondary packing line, includes primary packaging machine, connecting conveyor, automatic carton opening machine, carton filling machine, carton sealing machine, etc. suitable for baler the small bags into carton in a certain order. Can be used for different kinds of granule or powder products when equipped with different dosing machine, such as: salt, sugar, rice, seasoning powder, etc.

这是一条完整的二次包装线，包括一次包装机，连接输送机，自动开箱机，纸箱灌装机，纸箱封口机等。适用于将小袋子按一定顺序打包成纸箱的情况。配备不同的加药机，可用于各种颗粒或粉状产品，如：盐，糖，米，调味粉等。



Technical parameters:

技术参数:

Model 型号	KYZX-1/2
Packaging range 包装量	500g~5kg
Products 产品	Granule, powder 颗粒, 粉体
Bag Materials 小袋材质	Laminated film or LDPE film 复合膜, 单膜
Packing speed 速度	80~90 primary bags/min 袋/分钟
Ranking form 排列形式	single row laying/ double row laying/Three row laying 一列/两列/三列
Compressed air 压缩空气	0.4~0.6MPa
Power 电源	380V±10% 50Hz 20kw

**Advantages:**

- |  |
|--|
| <p>1. The front two sets automatic primary packaging machine own functions of weighing,filling,bag-making,sealing,cutting,date printing,etc.used for packing bulk material in bags.<br/>前两台自动一次包装机具有称重, 填充, 制袋, 封口, 切割, 日期印刷等功能, 用于包装袋装散装物料。</p>   |
| <p>2. The connecting conveyor includes the converge conveyor to receive finished bags from primary packaging machines and climbing conveyor to send bags to carton filling machine.<br/>连接输送机包括会聚输送机, 用于从初级包装机接收成品袋, 以及攀爬输送机, 用于将袋发送到纸箱灌装机。</p>  |
| <p>3. At same time, the carton opening machine open the carton ,send formed carton to carton filling machine, the bags will be dropped in cartons automatically in a certain order,the carton sealing machine will seal the carton.<br/>同时, 纸箱开箱机打开纸箱, 将成型好的纸箱发送到纸箱灌装机, 袋子将按一定顺序自动落入纸箱, 纸箱封口</p>   |
| <p>4. all the primary packaging machine and carton filling machine adopts international famous brand components, like Siemens PLC&amp;touch screen, Omron temperature controller,Panasonic servo driver,Airtac/Festo pneumatic components,Schneider electrical components,etc. Works stable.<br/>所有的初级包装机和纸箱灌装机均采用国际知名品牌的组件, 如西门子 PLC 和触摸屏, 欧姆龙温度控制器, 松下</p> |
| <p>5. can equipped with metal detector,check weigher or pallet robot according to customer's requirement.<br/>可以根据客户要求配备金属探测器, 检重秤或托盘机器人。</p>  |
| <p>6. Minimize labor costs, improve packaging efficiency, and promote factory automation<br/>最大限度地减少人工成本, 提高包装效率, 并促进工厂自动化</p>   |



## 6.Semi-automatic filling machine

半自动包装机

### 6.1Semi-auto liquid /powder/granules filling in bag machine

半自动液体/粉体/颗粒袋灌装机

#### 6.1.1Semi-auto liquid filling in bag machine

半自动液体袋灌装机



Model 型号	KY-8	KY-8B
Packing rate产能	2000-3500bags/hr	2000-3500bags/hr
Filling nozzles灌装嘴数		8
Workstation工位	8	2
Bag material袋子材质	BOPP laminated LDPE, various shapes pre-shaped bags	
Film thickness膜厚	>0.18mm	>0.18mm
Filling volume灌装量	≤500ml(Custom)	≤500ml(Custom)
Filling accuracy灌装误差	≤±2%	≤±1%
Power input输入电源	220V 50Hz	220V 50Hz
Power功率	0.8-1.6 Kw	0.8-1.6 Kw

#### 6.1.2Semi-auto powder filling in bag machine

半自动粉体袋灌装机



Type	VSFS5000/VSFS25K
Measurement methods	Weighing feedback tracking rotary backfill type
Weighing range	5KG-25KG ( Changing screw attachment )
Filling accuracy	200g-1000kg ≤±2g ≥±1000kg ≤±0.2%
Filling speed	5-25times/min
Power supply	Three phase380V 50-60HZ
Engine power	3KW

#### 6.1.3 Semi-auto granule filling in bag machine

半自动颗粒袋灌装机



Model	DCS15K	DCS25K	DCS50K
Weighing range	1-10kg per bag	10-25kg per bag	25-50kg per bag
Weighing head	One or Two head		
Speed	500-600bags/hour	≥360bags/hour	≥300bags/hour
Accuracy	X(0.2)		
power supply	AC220V 50HZ 150W		
Compressed air	0.4-0.8MPA		

## 6.2 Semi-auto liquid/powder/granules filling in jar/bottle/can 半自动液体/粉体/颗粒容器灌装机

### 6.2.1 Semi-auto liquid filling in jar/bottle/can machine 半自动液体容器灌装机



Model	KYPL5000
Filling range	100g~5kg
Filling products	Liquid/paste
Container	Bottle/jar
Filling speed	15~45bottles/jar per min
Filling accuracy	±0.5%~±1%
Power	220V,50HZ,1P

### 6.2.2 Semi-auto powder filling in jar/bottle/can 半自动粉体容器灌装机



Model	VSFS5000
Filling range	100g~5kg
Filling products	powder
Container	Bottle/jar
Filling speed	8~20bottles/jar per min
Filling accuracy	±0.2%~±0.3%
Power	220V,50HZ,1P

### 6.2.3 Semi-auto granules filling in jar/bottle/can 半自动颗粒容器灌装机



Model	DCS5000
Filling range	100g~5kg
Filling products	granule
Container	Bottle/jar
Filling speed	10~35bottles/jar per min
Filling accuracy	±0.1%~±0.2%
Power	220V,50HZ,1P

7. Accessory equipment

附属设备



Metal detector  
金属探测器



Weight checker  
重量选别机



Sealing machine  
封口机



Sewing machine  
缝包机



Carton sealer  
封箱机



Carton opener  
开箱机



Bucket Elevator  
斗式提升机



Screw elevator  
螺旋提升机



Large dip angle conveyor  
大倾角提升机



Belt conveyor  
皮带输送机



Strip conveyor  
皮条输送机



Scraper conveyor  
档条输送机

Cooperate parter  
合作伙伴



利田香农食品

