

FULLY AUTOMATIC

BAGGING PALLETIZING MACHINE UNIT LINE



合肥荣德包装科技有限公司

Hefei Honor Packing Technology Co., Ltd

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公司简介

合肥荣德包装科技有限公司成立于2015年，位于中国安徽省合肥庐阳区天水路6号，是中国专业的包装机、装箱机、码垛机生产厂家，欢迎参观。
荣德是国内专业从事包装生产线研发、生产、销售和服务为一体的高新技术企业。现有员工300余人，其中技术研发人员60余人。公司研发机构涵盖自动化技术、电子技术、机械设计等领域，形成了一支具有较强开发能力的高素质人才队伍。

公司成功研制出全自动、半自动包装码垛机流水线，并形成了一整套自动化流水线产品。在化工、建材、食品、饮料、啤酒、自动化物流等行业得到了广泛的应用。

公司以科技为先导，以质量求生存，以信誉求市场，为每一位客户提供可靠的产品和合理的解决方案。富有团队精神的荣誉者将以严谨的工作态度和艰苦的创业精神，加速创新，追求卓越!
本公司愿与您携手共进，锐意进取，共创辉煌!

Hefei Honor Packing Technology Co., Ltd founded in 2015, located at No 6, Tian Shui Road, Luyang Economic development Zone, Hefei City, Anhui Province, China. Hefei Honor Automation Technology Co., Ltd is a professional packing machine, box filling machine, palletizing robot line manufacturer, welcome to visit our factory.

Honor is domestic specialized engaged in the packing line research and development, production, sales and service as one of the High-tech enterprises.

The existing staff more than 300 people, including technology, research and development personnel more than 60 people. Company research and development institutions cover automation technology, electronic technology, mechanical design, and other fields, the formation of a strong development capability of high-quality talent team.

The company successfully develop fully auto, semi-auto packing palletizing line and form a complete set of automated assembly line products. In the chemical Industry, building materials, food, beverages, beer, automatic logistics and other Industries has been widely used.

Company with science and technology as the guide, surviving on quality, reputation for market, for every customer to provide reliable products with a reasonable solution. Full of team spirit of the honor people will with the rigorous work attitude and Hard entrepreneurial spirit, accelerate innovation, the pursuit of excellence!

The honor company willing to work with you hand in hand, forge ahead, create Brilliant!



合作伙伴 OUR CUSTOMERS



“粮”心营造 定制健康 河套平原硬麦
专注面粉生产加工



HN系列颗粒全自动制袋充填包装机

HN series automatic bag-making and packing machine

电子秤配包装机
Electronic scale with packaging machine



组合秤配包装机
Combination scale with packaging machine



选配设备图片

Image Of Optional Equipment



组合秤
Combination Scale



伺服秤
Servo scale



四头秤
Four-head scale



重量检测机
Weight testing machine



制袋包装机
Bag making machine



金属检测机
Metal detector

成功案例

Successful case



产品介绍

INTRODUCTION

本机组由自动供料机（Z型诱导式提升机）、自动称量机（组合秤、电子秤、皮带秤）、机架平台护栏及扶梯、自动制袋充填包装机、包装成品输送机、热打码机等设备组成；包装机由放膜、走膜、拉膜、进料下料、制袋成型、打印、封口、切断机构及电气控制部分等组成，集自动供料、称量、制袋、充填、封口、分切、打印、计数诸多功能于一体。

适用范围：膨化食品、果蔬、糖果、饼干、速冻食品、坚果炒货、茶叶、咖啡豆等食品行业；

种子、农药、肥料、塑料粒子、化工产品、盐化产品等农资、化工行业；

粮食（大米、小米、豆类、杂粮）、山珍山货（榛子、木耳、松仁、松子）等农副产品行业；

五金件、洗衣粉、鸡精、味精、食盐、颗粒调味品等行业。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

Equipment description : The unit is composed of automatic feeding machine (Z elevator) , automatic weighing machine (combination scale, electronic scale, belt scale) , rack platform guardrail and escalator, automatic bag-making and packing machine, finished packaging conveyor, hot code printer and other equipment ; The packaging machine is composed of releasing film, moving film, drawing film, feeding material, bag forming, printing, sealing, cutting mechanism and electric control part, set automatic feeding, weighing, bag making, filling, sealing, cutting, printing, counting and many other functions in one.

Scope Of Application: puffed food, fruit and vegetable, candy, biscuit, quick-frozen food, nuts fried goods, tea, Coffee Bean and other food industries;

Seeds, pesticides, fertilizers, plastic particles, chemical products, salt products and other agricultural materials, chemical industry;

Grain (rice, millet, beans, coarse grains) , mountain hazelnut, fungus, pine nut, pine nuts and other agricultural and sideline products industry;

Hardware, washing powder, chicken powder, monosodium glutamate, salt, granular condiments and other industries.

Optional Equipment: Inkjet Printer / heat transfer printer, weight detector, metal detector, anti-counterfeiting anti-channeling system, etc. .

技术参数

TECHNICAL PARAMETER

设备型号 equipment	HN320	HN420	HN560	HN730
包装范围 Packing range	5g—200g	200g—1000g	500g—2500g	1000g—5000g
包装速度 Packing speed	40—70袋/分钟 40—70bag/min	35—60袋/分钟 35—60bag/min	30—50袋/分钟 30—50bag/min	20—45袋/分钟 20—45bag/min
包装精度 Packing accuracy	±0.2% (根据物料属性，颗粒大小等参数而定) According to the material properties, particle size and other parameters			
制袋形式 Bag Form	枕式袋（背封袋）、打挂孔袋、冲孔袋、插脚袋、盒式袋、四边封袋、信封袋。 (Pillow type bag (back seal bag), punching hole bag, punching hole bag, pin type bag, box type bag, four side seal bag, envelope bag.)			
最大膜宽 Max film width	320mm	420mm	520mm	720mm
制袋尺寸 Bag Size	L: 40~190mm W: 40~150mm	L: 80~300mm W: 80~200mm	L: 100~350mm W: 100~265mm	L: 100~460mm W: 100~350mm
最大包材外径 Max roller outside diameter	φ400mm	φ400mm	φ500mm	φ500mm
包材纸芯内径 Wrapping paper core Inner diameter	φ30mm	φ75mm	φ75mm	φ75mm
压缩空气用量 Compressed air	6-8kgf/cm ³ , 0.30m ³ /min		6-8kgf/cm ³ , 0.60m ³ /min	
电源要求 Power requirements	AC380V±10%、50-60HZ		AC380V±10%、50-60HZ	
整机功率 Overall power	3.0KW	4.5KW	5.5KW	6.5KW
整机重量 Machine weight	500kg	700kg	800kg	1000kg
整机外形尺寸 Overall dimension	L95XW65XH185cm	L115XW90XH360cm	L135XW120XH390cm	L175XW145XH420cm

HN系列颗粒全自动给袋包装机

HN series automatic feeding bag packing machine

组合秤配包装机
Combination scale with packaging machine



电子秤配包装机
Electronic scale with packaging machine



选配设备图片

Image Of Optional Equipment



组合秤
Combination Scale



伺服秤
Servo scale



四头称
Four-head scale



重量检测机
Weight testing machine



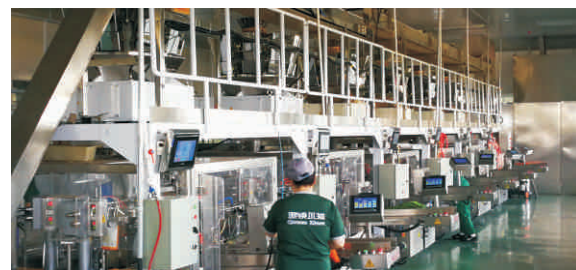
制袋包装机
Bag making machine



金属检测机
Metal detector

成功案例

Successful case



产品介绍

INTRODUCTION

设备简介：本机组由自动供料机（Z型诱导式提升机）、自动称量机（组合秤、电子秤、皮带秤）、机架平台护栏及扶梯、自动给袋包装机、成品输送机、热打码机等设备组成；集称量、供袋、上袋、套袋、吹气、撑袋、包装、封口、打印、计数于一体，安装方便、操作简单。采用PLC控制系统、触摸屏操作界面，全过程都实现自动化控制；高称量精度，高包装速度，适应比重不一的颗粒物料，符合食品、药品加工机械的卫生标准。

预制袋袋型：适用于自立袋、手提袋、拉链袋、四边封袋、三边封袋、背封袋、纸袋、M袋、信封袋、五边封袋、六边封袋、八边封袋、带嘴袋、异型袋等复合膜袋或PE袋。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：膨化食品、果蔬、糖果、饼干、速冻食品、坚果炒货、茶叶、咖啡豆等食品行业；

种子、农药、肥料、塑料粒子、化工产品、酵母、盐化产品等农资、化工行业；

粮食（大米、小米、豆类、杂粮）、山珍山货（榛子、木耳、松仁、松子）等农副产品行业；

五金件、塑料制品、洗衣粉、鸡精、味精、食盐、颗粒调味品等行业。

Equipment description: This unit is composed of automatic feeding machine (Z elevator), automatic weighing machine (combination scale, electronic scale, belt scale), rack platform guardrail and escalator, automatic bag packing machine, finished product conveyor, Hot Code Printer and other equipment; Set weighing, for the bag, on the bag, bagging, blowing, support bag, packaging, sealing, printing, counting in one, easy installation, simple operation. PLC control system, touch screen interface, the whole process to achieve automatic control; high weighing accuracy, high packaging speed, adapt to different proportion of granular materials, in line with food, pharmaceutical processing machinery health standards.

Prefabricated bag type: suitable for self-supporting bag, handbag, zipper bag, four-side sealed bag, three-side sealed bag, back sealed bag, paper bag, M bag, envelope bag, five-side sealed bag, six-side sealed bag, eight-side sealed bag, bag with mouth, shaped bag and other composite membrane bag or PE bag.

SCOPE OF APPLICATION: puffed food, fruit and vegetable, candy, biscuit, quick-frozen food, nuts fried goods, tea, Coffee Bean and other food industries;

Seeds, pesticides, fertilizers, plastic particles, chemical products, yeast, salt products and other agricultural materials, chemical industry;

Grain (rice, millet, beans, coarse grains), mountain hazelnut, fungus, pine nut, pine nuts and other agricultural and sideline products industry;

Hardware, plastic products, washing powder, chicken essence, monosodium glutamate, salt, granular condiments and other industries.

技术参数

TECHNICAL PARAMETER

设备型号 equipment	HN-GP6-200	HN-GP6-300	HN-GP8-200	HN-GP8-300
包装范围 Packing range	100g—1000g	500g—1000g	100g—1000g	500g—1000g
包装速度 Packing speed	20—50袋/分钟 20—50bag/min	20—50袋/分钟 20—50bag/min	20—50袋/分钟 20—50bag/min	20—50袋/分钟 20—50bag/min
包装精度 Packing accuracy	±0.2% (根据物料属性，颗粒大小等参数而定) According to the material properties, particle size and other parameters			
袋子尺寸 Form of bag making	L: 100~300mm W: 70~200mm	L: 150~350mm W: 200~300mm	L: 100~300mm W: 100~200mm	L: 150~350mm W: 200~300mm
压缩空气用量 Compressed air	6-8kgf/cm ³ , 0.60m ³ /min		6-8kgf/cm ³ , 0.90m ³ /min	
电源要求 Power requirements	AC380V±10%、50-60HZ		AC380V±10%、50-60HZ	
整机功率 Overall power	5.0KW	7.0KW	6.0KW	8.0KW
整机重量 Machine weight	1200kg	1400kg	1500kg	1800kg
整机外形尺寸 Overall dimension	L170XW170XH350cm	L180XW180XH360cm	L200XW200XH380cm	L220XW220XH420cm

HN系列粉剂全自动制袋充填包装机

HN series powder full-automatic bag-making and packing machine



设备简介：本机组由自动供料机（螺旋提升机）、自动计量机（螺旋计量机、螺旋秤）、机架平台护栏及扶梯、自动制袋充填包装机、包装成品输送机、热打码机等设备组成；包装机由放膜、走膜、拉膜、进料下料、制袋成型、打印、封口、切断等机构及电气控制部分等组成，集自动供料、计量、制袋、充填、封口、分切、打印、计数诸多功能于一体。采用智能温控仪、温度控制准确、保证封口美观平整；采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心，最大限度地提高了整机的控制精度，可靠性和智能化程度；

制袋袋型：可根据客户需要制成枕形袋、打挂孔袋、插脚袋、盒式袋、四边封袋。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：果珍、奶粉、奶茶、豆粉、淀粉、面粉、食品添加剂、调味粉料、医药粉等食品药品行业；
化工粉剂、碳粉、炭黑、农药粉剂、盐化粉剂、水泥、防水材料等农化、盐化、化工行业；
塑料行业、医药行业、粮食行业等等粉剂物料行业。

Equipment introduction: the unit is composed of automatic feeder (screw elevator), automatic metering machine (screw metering machine, screw scale), rack platform guardrail and escalator, automatic bag filling and packaging machine, packaging product conveyor, hot coding machine and other equipment; The packaging machine is composed of film releasing, film moving, film pulling, feeding and blanking, bag forming, printing, sealing, cutting and other mechanisms and electrical control parts, It integrates many functions such as automatic feeding, metering, bag making, filling, sealing, cutting, printing and counting. Adopt intelligent temperature controller, accurate temperature control, ensure beautiful and smooth sealing; PLC servo control system, pneumatic control system and super large display touch screen system are used to drive the control core, so as to maximize the control accuracy, reliability and intelligence of the whole machine;

Bag making type: pillow bag, hole hole bag, pin bag, box bag and four side sealed bag can be made according to customers' needs.

Scope of application: Guozhen, milk powder, milk tea, bean powder, starch, flour, food additives, seasoning powder, pharmaceutical powder and other food and drug industries;Chemical powder, carbon powder, carbon black, pesticide powder, salt powder, cement, waterproof materials and other agricultural, salt, chemical industries;Plastic industry, pharmaceutical industry, grain industry and other powder materials industry.

设备型号 equipment	HNP320	HNP420	HNP560	HNP730
包装范围 Packing range	5g—200g	200g—1000g	500g—2500g	1000g—5000g
包装速度 Packing speed	30—60袋 (bag) /分钟(min)	20—50袋 (bag) /分钟(min)	30—50袋 (bag) /分钟(min)	20—45袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.5%(根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋形式 Bag Form	枕式袋（背封袋）、打挂孔袋、冲孔袋、插脚袋、盒式袋、四边封袋、信封袋。 It is made into pillow bag (back sealing bag), hang hole bag, pin bag, box bag, four side sealing bag and envelope bag.			
最大膜宽 Max film width	320mm	420mm	560mm	730mm
制袋尺寸 Bag Size	L: 40~190mm W:40~150mm	L: 80~300mm W:80~200mm	L: 100~350mm W:100~265mm	L: 100~460mm W:100~350mm
最大包材外径 Max roller outside diameter	φ300mm	φ400mm	φ500mm	φ500mm
包材纸芯内径 Wrapping paper core Inner diameter	φ30mm	φ75mm	φ75mm	φ75mm

成功案例

Successful case



HN系列粉剂全自动给袋包装机

HN series powder automatic feeding bag packing machine



本机组由自动供料机（螺旋提升机）、自动计量机（螺旋计量机、螺旋秤、量杯）、机架平台护栏及扶梯、自动给袋包装机、包装成品输送机、热打码机等设备组成；集计量、供袋、上袋、套袋、吹气、撑袋、包装、封口、打印、计数于一体，安装方便、操作简单。采用PLC控制系统与触摸屏操作界面，全过程都实现自动化控制；主机调速采用变频调速器调速；高称量精度，高包装速度，适应比重不一粉剂物料行业。

预制袋型：可适用于自立袋、手提袋、拉链袋、四边封袋、三边封袋、背封袋、纸袋、M袋、信封袋、五边封袋、六边封袋、八边封袋、带嘴袋、异型袋等复合膜袋或PE袋。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：果珍、奶粉、奶茶、豆粉、淀粉、面粉、食品添加剂、调味粉料、医药粉等食品药品行业；
化工粉剂、碳粉、炭黑、农药粉剂、盐化粉剂、水泥、防水材料等农化、盐化、化工行业；
塑料行业、医药行业、粮食行业等等粉剂物料行业。

Equipment introduction: the unit is composed of automatic feeder (screw elevator), automatic metering machine (screw metering machine, screw scale, measuring cup), rack platform guardrail and escalator, automatic bag feeding and packaging machine, packaging product conveyor, hot coding machine and other equipment; It integrates measurement, bag supply, bag loading, bag covering, air blowing, bag supporting, packaging, sealing, printing and counting. It is easy to install and operate. PLC control system and touch screen operation interface are used to realize automatic control in the whole process; frequency conversion governor is used to adjust the speed of the host machine; high weighing accuracy, high packaging speed are used to adapt to the powder material industry with different proportion.

Prefabricated bag type: it can be applied to self-supporting bag, handbag, zipper bag, four side sealed bag, three side sealed bag, back sealed bag, paper bag, m bag, envelope bag, five side sealed bag, six side sealed bag, eight side sealed bag, mouth bag, shaped bag and other composite film bags or PE bags.

Scope of application: Guozhen, milk powder, milk tea, bean powder, starch, flour, food additives, seasoning powder, pharmaceutical powder and other food and drug industries;

Chemical powder, carbon powder, carbon black, pesticide powder, salt powder, cement, waterproof materials and other agricultural, salt, chemical industries;

Plastic industry, pharmaceutical industry, grain industry and other powder materials industry.

设备型号 equipment	HN-GP6-200	HN-GP6-300	HN-GP8-200	HN-GP8-300
包装范围 Packing range	100g—1000g	500g—2000g	100g—1000g	500g—2000g
包装速度 Packing speed	20—45袋 (bag) /分钟(min)	10—40袋 (bag) /分钟(min)	20—45袋 (bag) /分钟(min)	10—40袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.5%(根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋尺寸 Bag Size	L: 100~300mm W:100~200mm	L: 150~350mm W:200~300mm	L: 100~300mm W:100~200mm	L: 150~350mm W:200~300mm

成功案例

Successful case



HN系列液体、膏体全自动制袋充填包装机

HN series automatic bag-making and packing machine for liquid and paste



设备简介：本机组由自动搅拌罐、转子泵、灌装机、自动制袋充填包装机、包装成品输送机、热打码机等设备组成；包装机由放膜、走膜、拉膜、进料下料、制袋成型、打印、封口、切断等机构及电气控制部分等组成，集自动供料、计量、制袋、充填、封口、分切、打印、计数诸多功能于一体。采用智能温控仪、温度控制准确、保证封口美观平整；采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心，最大限度地提高了整机的控制精度，可靠性和智能化程度；

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：液体、膏体等粘稠物料，如火锅底料、酱料、酱油、醋、牛油等调味品，油脂、豆沙、豆奶、牛奶、饮品等食品行业，防水涂料、防水胶等建筑行业。

Equipment introduction: the unit is composed of automatic mixing tank, rotor pump, filling machine, automatic bag making and filling packaging machine, packaging product conveyor, hot coding machine and other equipment; The packaging machine is composed of film releasing, film moving, film pulling, feeding and blanking, bag forming, printing, sealing, cutting and other mechanisms and electrical control parts, It has the functions of automatic feeding, measuring, bag making, filling, sealing, cutting, printing and counting. Adopt intelligent temperature controller, accurate temperature control, ensure beautiful and smooth sealing; PLC servo control system, pneumatic control system and super large display touch screen system are used to drive the control core, so as to maximize the control accuracy, reliability and intelligence of the whole machine. Hardware, washing powder, chicken essence, monosodium glutamate, salt, granular condiments and other industries.

Optional device: inkjet printer / thermal transfer printer, weight detector, metal detector, anti-counterfeiting and anti-channeling system, etc.

Scope of application: liquid, paste and other viscous materials, such as hot pot bottom, soy sauce, soy sauce, vinegar, butter and other condiments, oil, bean paste, soy milk, milk, drinks and other food industries, waterproof coating, waterproof glue and other construction industries.

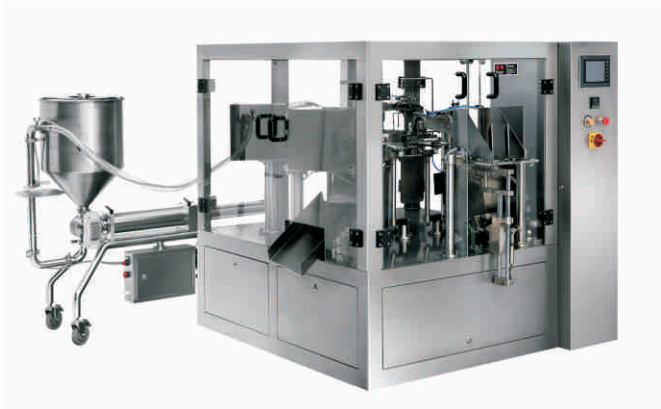
设备型号 equipment	HNP320	HNP420	HNP560	HNP730
包装范围 Packing range	5g—200g	200g—1000g	500g—2500g	1000g—5000g
包装速度 Packing speed	40—80袋 (bag) /分钟(min)	30—60袋 (bag) /分钟(min)	30—50袋 (bag) /分钟(min)	10—40袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.1%(根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋形式 Bag Form	枕式袋 (背封袋)、打挂孔袋、手提孔袋、四边封袋。 It is made into pillow-shaped bag (back-sealed bag), hanging hole bag, portable hole bag, and four-side sealing bag.			
最大膜宽 Max film width	320mm	420mm	560mm	730mm
制袋尺寸 Bag Size	L: 40~190mm W:40~150mm	L: 80~300mm W:80~200mm	L: 100~350mm W:100~265mm	L: 100~460mm W:100~350mm
最大包材外径 Max roller outside diameter	φ300mm	φ400mm	φ500mm	φ500mm

成功案例 Successful case



HN系列液体、膏体全自动给袋包装机

HN series liquid paste full-automatic feeding bag packing machine



设备简介：本机组由自动供料机、泵供料系统、自动灌装机、自动给袋包装机、包装成品输送机、热打码机等设备组成；集计量、供袋、上袋、套袋、吹气、撑袋、包装、封口、打印、计数于一体，安装方便、操作简单。采用PLC触摸屏操作界面，全过程都实现自动化控制；主机调速采用变频调速器调速；高称量精度，高包装速度，适应比重不一液体、膏体物料行业。符合食品、药品加工机械的卫生标准。

预制袋袋型：可适用于自立袋、手提袋、拉链袋、四边封袋、三边封袋、背封袋、纸袋、M袋、信封袋、五边封袋、六边封袋、八边封袋、带嘴袋、异型袋等复合膜袋或PE袋。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：液体、膏体等粘稠物料，如火锅底料、酱料、酱油、醋、牛油等调味品，油脂、豆沙、豆奶、牛奶、饮品等食品行业，

Equipment introduction: the unit is composed of automatic feeder, pump feeding system, automatic filling machine, automatic bag feeding and packaging machine, packaging product conveyor, hot coding machine, etc; It integrates measurement, bag supply, bag loading, bag covering, air blowing, bag supporting, packaging, sealing, printing and counting. It is easy to install and operate. PLC touch screen operation interface is adopted to realize automatic control in the whole process; The speed of the main engine is regulated by frequency converter; High weighing accuracy, high packaging speed, suitable for the liquid and paste material industries with different specific gravity. Meet the hygienic standards of food and drug processing machinery.

Prefabricated bag type: applicable to stand-up bags, tote bags, zipper bags, four-side sealed bags, three-side sealed bags, back-sealed bags, paper bags, M bags, envelope bags, five-side sealed bags, six-side sealed bags, eight sides Sealed bags, spouted bags, special-shaped bags and other composite film bags or PE bags.

Optional device: inkjet printer / thermal transfer printer, weight detector, metal detector, anti-counterfeiting and anti-channeling system, etc.

Scope of application: liquid, paste and other viscous materials, such as hot pot bottom, soy sauce, soy sauce, vinegar, butter and other condiments, oil, bean paste, soy milk, milk, drinks and other food industries, waterproof coating, waterproof glue and other construction industries.

设备型号 equipment	HN-GP6-200	HN-GP6-300	HN-GP8-200	HN-GP8-300
包装范围 Packing range	100g—1000g	500g—2000g	100g—1000g	500g—2000g
包装速度 Packing speed	30—45袋 (bag) /分钟(min)	25—40袋 (bag) /分钟(min)	30—45袋 (bag) /分钟(min)	25—40袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.1%(根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋尺寸 Bag Size	L: 100~300mm W:100~200mm	L: 150~350mm W:200~300mm	L: 100~300mm W:100~200mm	L: 150~350mm W:200~300mm

成功案例 Successful case



HN系列量杯式全自动制袋充填包装机

HN Series Measuring Cup full-automatic bag-making and packing machine



本机组由自动搅拌、量杯式计量机、自动制袋充填包装机、包装成品输送机、热打码机等设备组成；包装机由放膜、走膜、拉膜、进料下料、制袋成型、打印、封口、切断等机构及电气控制部分等组成，集自动供料、计量、制袋、充填、封口、分切、打印、计数诸多功能于一体。采用智能温控仪、温度控制准确、保证封口美观平整；采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心，最大限度地提高了整机的控制精度，可靠性和智能化程度；

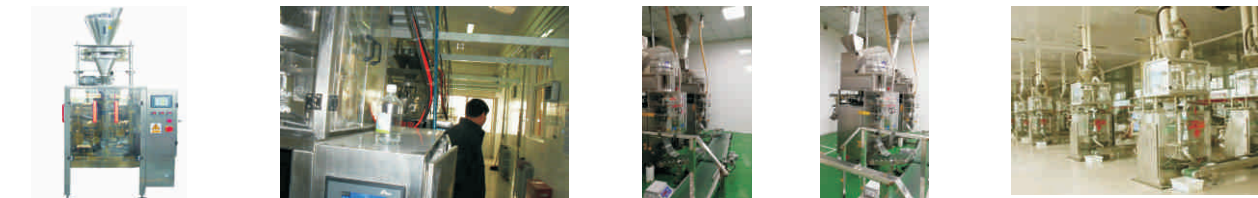
选配装置：喷码机/热转印打码机、重量检测机、金属检测机、防伪防窜系统等。

适用范围：比重一致、颗粒大小均匀的物料，如食盐、杂粮、大米、医药、食品等行业。

Equipment introduction: the unit is composed of automatic mixing, measuring cup type metering machine, automatic bag making and filling packaging machine, packaging finished product conveyor, hot coding machine, etc; The packaging machine is composed of film releasing, film moving, film pulling, feeding and blanking, bag forming, printing, sealing, cutting and other mechanisms and electrical control parts, It has the functions of automatic feeding, measuring, bag making, filling, sealing, cutting, printing and counting. Adopt intelligent temperature controller, accurate temperature control, ensure beautiful and smooth sealing; PLC servo control system, pneumatic control system and super large display touch screen system are used to drive the control core, so as to maximize the control accuracy, reliability and intelligence of the whole machine; Optional device: inkjet printer / thermal transfer printer, weight detector, metal detector, anti-counterfeiting and anti-channeling system, etc. Scope of application: materials with the same proportion and uniform particle size, such as salt, grains, rice, medicine, food and other industries.

设备型号 equipment	HNP320	HNP420	HNP560	HNP730
包装范围 Packing range	5g—200g	200g—1000g	500g—2500g	1000g—5000g
包装速度 Packing speed	50—70袋 (bag) /分钟(min)	40—70袋 (bag) /分钟(min)	30—50袋 (bag) /分钟(min)	20—40袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.1% (根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋形式 Bag Form	枕式袋 (背封袋)、打挂孔袋、手提孔袋、四边封袋。 It is made into pillow-shaped bag (back-sealed bag), hanging hole bag, portable hole bag, and four-side sealing bag.			
最大膜宽 Max film width	320mm	420mm	560mm	730mm
制袋尺寸 Bag Size	L: 40~190mm W: 40~150mm	L: 80~300mm W: 80~200mm	L: 100~350mm W: 100~265mm	L: 100~460mm W: 100~350mm
最大包材外径 Max roller outside diameter	φ300mm	φ400mm	φ500mm	φ500mm

成功案例 Successful case



HN系列量杯式全自动给袋包装机

HN series Measuring Cup full automatic bag-feeding packaging machine



本机组由自动搅拌、量杯式计量机、自动给袋包装机、包装成品输送机、热打码机等设备组成；集计量、供袋、上袋、套袋、吹气、撑袋、包装、封口、打印、计数于一体，安装方便、操作简单。采用PLC控制系统与触摸屏操作界面，全过程都实现自动化控制；主机调速采用变频调速器调速。

预制袋型：可适用于自立袋、手提袋、拉链袋、四边封袋、三边封袋、背封袋、纸袋、M袋、信封袋、五边封袋、六边封袋、八边封袋、带嘴袋、异型袋等复合膜袋或PE袋。

选配装置：喷码机/热转印打码机、重量检测机、金属检测机、磁力选机、防伪防窜系统等。

适用范围：比重一致、颗粒大小均匀的物料，如食盐、杂粮、大米、医药、食品等行业。

Prefabricated bag type: can be applied to stand-up bags, handbags, zipper bags, four-side sealing bags, three-side sealing bags, back-sealing bags, paper bags, M bags, envelope bags, five-side sealing bags, six-side sealing bags, eight-side sealing bags Composite film bags or PE bags such as bags, spouted bags and special-shaped bags.

Optional devices: inkjet printer / thermal transfer printer, weight detector, metal detector, magnetic separator, anti-counterfeiting and anti-channeling system, etc.

Scope of application: materials with uniform specific gravity and uniform particle size, such as salt, cereals, rice, medicine, food and other industries.

设备型号 equipment	HN-GP6-200	HN-GP6-300	HN-GP8-200	HN-GP8-300
包装范围 Packing range	100g—1000g	500g—2000g	100g—1000g	500g—2000g
包装速度 Packing speed	25—50袋 (bag) /分钟(min)	30—45袋 (bag) /分钟(min)	30—45袋 (bag) /分钟(min)	25—45袋 (bag) /分钟(min)
包装精度 Packing accuracy	±0.1% (根据物料属性，粉剂比重、混合等参数而定) According to the material properties, particle size and other parameters			
制袋尺寸 Bag Size	L: 100~300mm W: 100~200mm	L: 150~350mm W: 200~300mm	L: 100~300mm W: 100~200mm	L: 150~350mm W: 200~300mm

成功案例 Successful case



HN系列10kg-50kg颗粒全自动给袋包装机及生产线

HN series 10kg-50kg automatic feeding bag packing machine and production line



本机组由自动上料提升机、电子称量机、自动给袋包装机、立袋输送机、自动热合机、折边缝包机、包纸粘胶机、喷码机等设备组成；集自动供料、上袋、套袋、自动称量、充填、折边导向、封口缝包、包纸粘胶、喷码、计数、输送诸多功能于一体，实现现代化、无人化生产作业。

功能特点：采用智能温控仪、温度控制准确、保证封口缝包美观平整；采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心，大大提高了整机的控制精度，可靠性和智能化程度；触摸屏能储存多种不同产品的包装工艺参数，当更换产品时可以随时使用无须重新设定；设有故障显示系统，帮助及时排除故障；可以有全不锈钢机型和碳钢喷塑机型；

选配置：喷码机、重量检测机、金属检测机、倒袋机、整形机、码垛机等。

适用袋子材料：编织袋、牛皮纸袋、复合膜预制袋、编织袋预制袋带内衬PE袋，袋口复合；

Equipment introduction: the unit is composed of automatic feeding elevator, electronic weighing machine, automatic bag feeding and packaging machine, vertical bag conveyor, automatic heat sealing machine, folding seam wrapping machine, paper wrapping adhesive machine, inkjet printer, etc; It integrates the functions of automatic feeding, bagging, automatic weighing, filling, folding guide, sealing seam bag, wrapping paper glue, code spraying, counting and conveying to realize modern and unmanned production.

Function features: intelligent temperature controller, accurate temperature control, beautiful and smooth sealing seam package; PLC servo control system, pneumatic control system, large display touch screen system drive control core, greatly improving the control accuracy, reliability and intelligence of the whole machine; The touch screen can store a variety of packaging process parameters of different products, which can be used at any time when changing products without resetting; Equipped with a fault display system to help timely troubleshooting; can have all stainless steel models and carbon steel spray models.

Optional devices: inkjet printer, weight detector, metal detector, pourer, shaper, stacker, etc.

Applicable bag materials: woven bag, kraft paper bag, composite membrane prefabricated bag, woven bag prefabricated bag with PE lining, bag mouth composite;

包装物料 (Packaging materials)：颗粒；(particles)；

包装范围 (Packaging scope)：10kg—25kg，20kg—40kg；25kg—50kg；

包装速度 (Packing speed)：6—12袋/分钟；

包装精度 (Packaging accuracy)：±0.2%；

适合袋子尺寸 (Suitable for bag size)：(300—400)mm* (600--800) mm(宽*长)，(400--500) mm*(800—1000)mm(宽*长)，(500--600) mm*(1000—1200)mm(宽*长) (可以根据袋子尺寸，非标定制) (can be customized according to the bag size, non-standard)；

封口方式 (Sealing style)：编织袋：折边线缝/线缝；Woven bag: hem seam / seam;

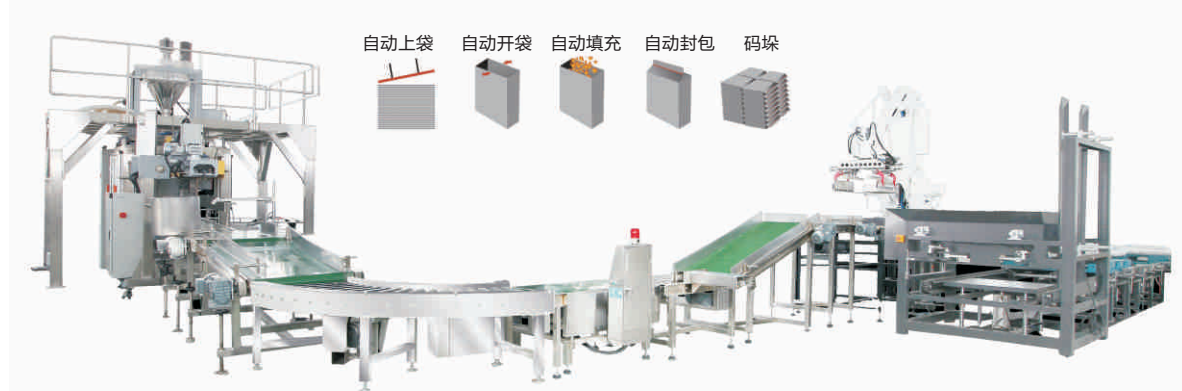
牛皮纸袋：热封、线缝、粘胶包纸；(Kraft paper bag: heat sealing, seam sewing, viscose wrapping paper;)

复合膜预制袋及塑料袋：热封；(Composite membrane prefabricated bag and plastic bag: heat sealing;)



HN系列10kg-50kg粉剂全自动给袋包装机及生产线

HN series 10kg—50kg powder automatic feeding bag packing machine and production line



设备简介：本机组由自动上料提升机、螺旋式计量机、自动给袋包装机、立袋输送机、自动热合机、折边缝包机、包纸粘胶机、热打码机等设备组成；集自动供料、上袋、套袋、螺旋计量、充填、折边导向、封口缝包、包纸粘胶、喷码、计数、输送诸多功能于一体，实现现代化、无人化生产作业

功能特点：采用智能温控仪、温度控制准确、保证封口缝包美观平整；采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心，最大限度地提高了整机的控制精度，可靠性和智能化程度；触摸屏能储存多种不同产品的包装工艺参数，当更换产品时可以随时使用无须重新设定；

设有故障显示系统，帮助及时排除故障；可以有全不锈钢机型和碳钢喷塑机型；

选配置：喷码机、重量检测机、金属检测机、倒袋机、整形机、码垛机等。

适用袋子材料：编织袋、牛皮纸袋、复合膜预制袋、编织袋预制袋带内衬PE袋等；

Equipment introduction: the unit is composed of automatic feeding elevator, screw type metering machine, automatic bag feeding and packaging machine, vertical bag conveyor, automatic heat sealing machine, folding edge sewing and wrapping machine, wrapping adhesive machine, hot coding machine and other equipment; It integrates the functions of automatic feeding, bag loading, bagging, spiral metering, filling, folding guide, sealing seam bag, paper wrapping adhesive, code spraying, counting and conveying, Realize modern and unmanned production.

Functional features: intelligent temperature controller, accurate temperature control, ensure beautiful and smooth sealing seam package; PLC servo control system, pneumatic control system and super large display touch screen system are used to drive the control core, so as to maximize the control accuracy, reliability and intelligence of the whole machine; The touch screen can store a variety of packaging process parameters of different products, which can be used at any time when changing products without resetting; Equipped with a fault display system to help timely troubleshooting; can have all stainless steel models and carbon steel spray models;

Optional devices: inkjet printer, weight detector, metal detector, bag inverting machine, shaping machine, palletizer, etc.

Applicable bag materials: woven bag, kraft paper bag, composite film prefabricated bag, woven bag prefabricated bag with inner PE bag, etc. ;

包装物料 (Packaging materials)：粉剂 Powder;

包装范围 (Packaging scope)：10kg—25kg, 20kg—30kg; 25kg—50kg; 50kg—100kg;

包装速度 (Packing speed)：2—8袋/分钟；

包装精度 (Packaging accuracy)：±0.5%；

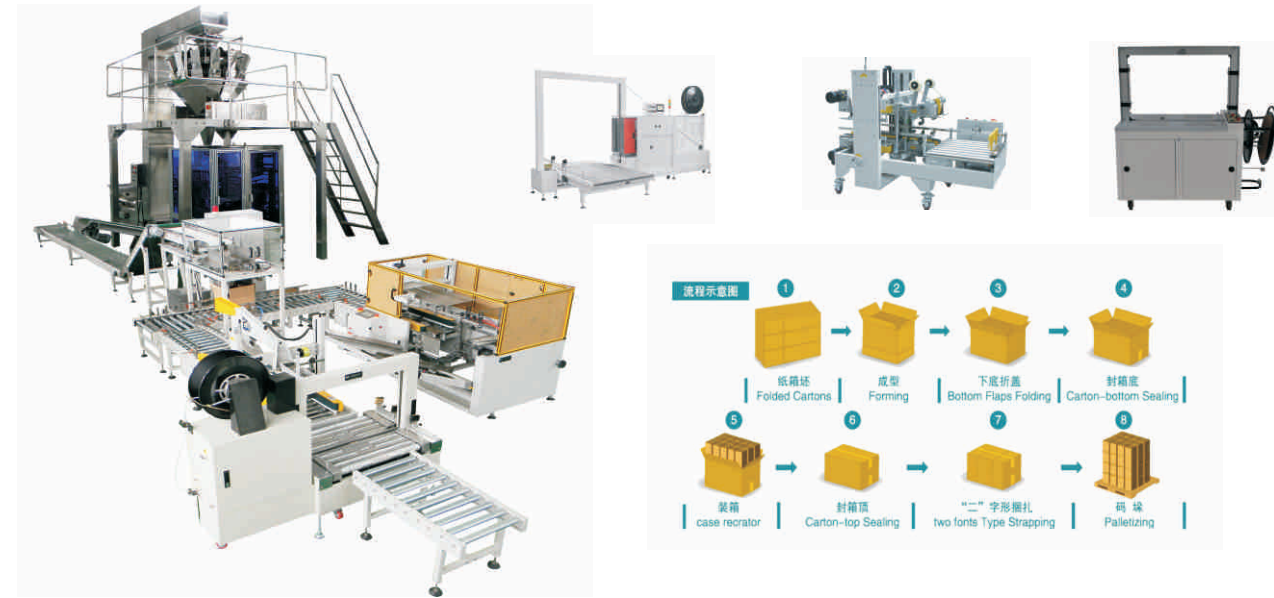
适合袋子尺寸 (Suitable for bag size)：(300—400)mm* (600--800) mm(宽*长)，(400--500) mm*(800—1000)mm(宽*长)；(500--600) mm*(1000—1200)mm(宽*长) (可以根据袋子尺寸，非标定制)；(can be customized according to the bag size, non-standard)；

封口方式 (Sealing style)：编织袋：折边线缝/线缝；Woven bag: hem seam / seam;

牛皮纸袋：热封、线缝、粘胶包纸；(Kraft paper bag: heat sealing, seam sewing, viscose wrapping paper;)

复合膜预制袋及塑料袋：热封；(Composite membrane prefabricated bag and plastic bag: heat sealing;)





设备简介：本机组由自动开箱机、空箱输送机、自动装箱机、实箱输送机、振实输送机、整平输送机、自动封箱机、自动捆扎机、喷码机、码垛机等设备组成；集自动开箱、装箱、封箱、捆扎、喷码、码垛、计数、输送诸多功能于一体，实现现代化、无人化生产作业线，

功能特点：采用PLC伺服控制系统、气动控制系统、超大显示触摸屏系统驱动控制核心；

选配装置：喷码机、重量检测机、金属检测机、码垛机等。 适用材料：纸箱；

Equipment introduction: the unit is composed of automatic unpacking machine, empty box conveyor, automatic packing machine, solid box conveyor, vibrating solid conveyor, leveling conveyor, automatic sealing machine, automatic binding machine, inkjet printer, palletizing machine and other equipment; It integrates automatic unpacking, packing, case sealing, bundling, code spraying, palletizing, counting and conveying, Realize modern and unmanned production line.

Features: PLC servo control system, pneumatic control system, large display touch screen system drive control core;

Optional devices: inkjet printer, weight detector, metal detector, stacker, etc.

Applicable materials : Cartons;

包装物料 (Packing materials)：袋产品装箱 (Packing of bag products)；

包装范围 (Packaging scope)：100g—10kg

小袋产能 (Pouch capacity)：120-150pcs/min

小袋重量 (Bag weight)：≥100g

装箱理包动力采用松下伺服马达； (Panasonic servo motor is used for packing and packing power)

气动元件采用SMC、Fes-to等优质产品； (The pneumatic components are SMC, FES to and other high-quality products;)

电气可集散控制，触摸屏显示操作； (Electric can be distributed control, touch screen display operation;)

电源 (Power Supply)：三相五线制 (Three phase five wire system) 380V±10%，50Hz，15kw；

耗气量 (Gas consumption)：0.5—0.8MPa，1.2m³/min；

成功案例 Successful case



该机组主要是完成将包装好的小袋产品 (10-1000克) 按要求 (排列的形式：单仓下料、单列或双列水平方式排列) 整齐装入复合膜塑料袋、热封全自动包装过程。从而实现了从散装物料小包装到复合膜塑料袋大包装的全自动化作业，该机组广泛用于洗衣粉、食盐、种子、奶粉等粉状、颗粒包装，是各大公司的首选机器。

生产流程：小袋产品→水平输送机→双层倾斜输送机→高速输送机→计数理包机→立式制袋包装机→拉膜封口→产品输出。

产品优势：

- 1.HNP1200全自动包装机可实现自动拉膜、制袋、产品计数、填充、热封、输出。实现包装全过程无人化。
- 2.该机组采用触摸屏控制，操作、规格切换、维修十分方便，安全可靠。
- 3.可实现多种排列形式，以满足客户的需求。

Equipment introduction: the unit is mainly to complete the automatic packaging process of packing small bag products (500-5000 g) orderly into woven bags and sewing bag output according to the requirements (arrangement form: single warehouse, multiple columns). Thus, the automatic operation from small bulk material packaging to woven bag packaging is realized; The machine is widely used in washing powder, salt, seeds, milk powder and other powder, particle packaging automatic machine of choice. The equipment mainly includes: double-layer inclined conveyor, high-speed conveyor, counting machine, automatic packaging machine for woven bags, sewing machine, product conveyor, etc.

Production process: small bag products → horizontal conveyor → double-layer inclined conveyor → high-speed conveyor → counting and packing machine → woven bag full-automatic packaging machine → sewing machine → woven bag products output

The woven bag automatic packaging machine can realize automatic bag loading, bag opening, counting, filling, mobile output and import, and automatic bag sewing. Realize unmanned packaging process.

The unit adopts touch screen control, which is very convenient for operation, specification switching and maintenance, safe and reliable.

(A variety of permutations can be realized to meet the needs of customers.

包装产品范围 (Packaging product range)：10g-1000g袋装产品 (Bagged products)

包装材料 (packaging)：复合膜塑料袋 (Compound film plastic bag)

包装速度 (Packing speed)：大袋2-4袋/分钟，小袋40-80包/分 (包装速度根据产品而不同)

(Large bag 2-4 bags / min, small bag 40-80 bags / min (packaging speed depends on the product))

排列形式 (Arrangement form)：双仓下料，单列或双列水平放置；

(Double bin cutting, single row or double row horizontal placement;)



HN系列全自动码垛生产线

HN series automatic palletizing production line



本机组由码垛机器人、抓手、底座、托盘库、供栈系统等设备组成的实现现代化、无人化生产作业线。码垛机是按一定排列码放在托盘上，进行自动堆码，可堆码多层，然后推出，便于叉车运至仓库储存。本设备采用PLC+触摸屏控制，实现智能化操作管理，简便、易掌握。采用PLC可编程序对袋子的排序堆垛层数、栈板供应及排出均可编入程序进行控制。

功能特点：

采用德国FESTO或韩国TPC、日本SMC生产的气动元件和气缸，质量、性能可靠。安全门、罩设有电器感应装置，堆垛方式的调整方便、简单，可在触摸屏上进行。栈板库容量大，可容纳10-15个空栈板，可实现自动供应栈板。

设备抓手特点：拨叉式抓手主要由不锈钢焊接拨叉、气动元件、安装支架和真空管路系统等部分组成，通过光电检测和PLC 控制来抓取物品。

供栈系统包含：托盘库、托盘输送机、空托盘输送机、垛盘输送机、储存输送机等机构组成。

选配装置：喷码机、重量检测机、金属检测机、倒袋机、整形机、码垛入库机等。

Equipment introduction: this unit is a modern and unmanned production line composed of stacking robot, grab, base, pallet warehouse, stack supply system, etc. The stacker is arranged on pallets to stack automatically. It can stack multiple layers, and then push it out, which is convenient for the forklift to transport to the warehouse for storage. The equipment is controlled by PLC + touch screen to realize intelligent operation and management, which is simple and easy to master. PLC can be programmed to control the number of stacking layers, pallet supply and discharge. It adopts the pneumatic components and cylinders produced by FESTO of Germany or TPC of Korea and SMC of Japan, with reliable quality and performance.

The safety door and cover are equipped with electrical induction device, and the stacking mode is easy and simple to adjust, which can be carried out on the touch screen.

The pallet warehouse has a large capacity, which can hold 10-15 empty pallets, and can automatically supply pallets.

Features of equipment Grab: the fork type grab is mainly composed of stainless steel welding fork, pneumatic components, mounting bracket and vacuum pipeline system, etc. it can grab objects through photoelectric detection and PLC control.

Features of equipment Grab: the fork type grab is mainly composed of stainless steel welding fork, pneumatic components, mounting bracket and vacuum pipeline system, etc. it can grab objects through photoelectric detection and PLC control. The stack supply system includes: tray warehouse, tray conveyor, empty tray conveyor, palletizing tray conveyor, storage conveyor and other mechanisms. Optional equipment: inkjet printer, weight detector, metal detector, bag pouring machine, shaping machine, stacking and warehousing machine, etc.

1、承重能力：180KG，防护等级：IP67，重复定位精度：0.1MM，重复循环精度：0.3MM，到达距离最长可达3.15m。(Bearing capacity: 180kg, protection grade: IP67, repeat positioning accuracy: 0.1mm, repeat cycle accuracy: 0.3mm, and the maximum distance to reach is 3.15m.)

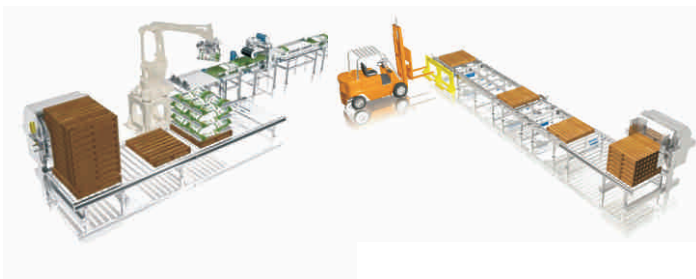
2、稳定可靠连续码垛速度：25KG—50kg：600—1000袋/小时；(Stable and reliable continuous stacking speed: 25kg-50kg: 600-1000 bags / hour;)

3、拖盘尺寸(Tray size): 1400mm×1200mm×150mm

4、码垛形式：回型垛、五花垛、一字型排垛等；(Stacking form: back stacking, five flower stacking, one line stacking, etc;)

5、垛高6--8层，每层4、5、6、8袋，3+2/2+3,3+3/3+3等方式。(Stack height is 6-8 layers, 4, 5, 6, 8 bags for each layer, 3 + 2 / 2 + 3, 3 + 3 / 3 + 3, etc.)

成功案例 Success Stories



HN系列颗粒半自动包装秤

HN series semi-automatic packing scales for granular materials



适用于种子加工、精米加工、医药、饲料添加剂等颗粒状物料的定量包装，可与提升机、输送机、缝包机、塑料热合机配套构成包装线。

(Scope of application: it is suitable for quantitative packaging of granular materials such as seed processing, milled rice processing, medicine, feed additives, etc. it can be matched with elevator, conveyor, sewing machine and plastic heat sealing machine to form a packaging line.)

功能特点:全电动数字化控制方式，能适应低温及温差较大的环境；可无级调整的三级给料方式在宽量程范围内保证精度；双计量斗结构，交替工作，速度快；存储10种量程、物料数据、通过按键选择，操作简单；具备自动误差修正，超差自动报警，故障提示，物料自动累积等多种功能；数据可用打印机输出，并可接入计算机处理。双工位独立称量系统，采用独特的上下排列供料斗，称量稳定、精度高。

(Features: fully electric digital control mode, which can adapt to the environment of low temperature and large temperature difference; The stepless three-stage feeding mode can ensure the accuracy in a wide range; Double metering bucket structure, alternating operation, high speed; It can store 10 kinds of measuring range and material data, and select them by pressing the key; It has many functions such as automatic error correction, over error automatic alarm, fault prompt, material automatic accumulation, etc; Data can be output by printer and processed by computer. The double station independent weighing system adopts the unique up and down arrangement feeding hopper, which is stable in weighing and high in precision.)

1.高分辨率单点悬臂式传感器，灵敏度高，称重更加稳定。(High resolution single point cantilever sensor, high sensitivity, more stable weighing.)

2.中英文触摸屏操作界面，参数设置一目了然，操作更人性化，可设定多种不同产品参数，实现不同产品与计量值的选择。(Chinese and English touch screen operation interface, parameter setting is clear at a glance, more user-friendly operation, can set a variety of different product parameters, to achieve the choice of different products and measurement values.)

3.称量斗采用悬挂安装方式，可直接拆卸，方便机器保养维护。(The weighing bucket is installed by suspension, which can be disassembled directly and is convenient for maintenance of the machine.)

4.分别有碳钢框架型和不锈钢整体型:(There are carbon steel frame type and stainless steel integral type respectively)

型号 Model	量程范围 Range(kg)	计量方式 Measurement method	包装速度包/分钟 Packing speedBag / min	精度等级 Accuracy class	工作环境 work environment	电源 Power Supply
HN102-1-2M	0.1-1.0	电动双秤 Electric double scale	8-16	X (0.2)	-30-40℃	AC380V50Hz
HN102-2-2M	0.5-2.5		8-16	X (0.2)	-30-40℃	AC380V50Hz
HN102-5-2M	1-5		8-16	X (0.2)	-30-40℃	AC380V50Hz
HN103-25-Q2M	1~20	双计量斗 Double metering bucket	8-16	X (0.2)	-10-40℃	AC380V50Hz±10%
HN103-25-2M	2-25	电动双秤 Electric double scale	8-18	X (0.2)	-30-40℃	AC380V50Hz
HN104-60-Q1	5-60	气动单秤 Pneumatic single scale	9-12	X (0.2)	-10-40℃	AC380V50Hz
HN104-60-2M	20~60kg	电动双秤 Electric double scale	8-12	X (0.2)	-30-40℃	AC380V50Hz
HN104-100Q1	40-100	电动双秤 Pneumatic single scale	8-10		-10-40℃	AC380V50Hz

HN系列粉剂半自动包装秤

HN series powder semi-automatic packing scale



半自动螺旋包装秤采用人工套袋、自动计量、感应自动落料、充填、落袋、人工封口或自动封口等过程。适用于包装那些易流动或流动性一般的粉粒状物料，如淀粉、奶粉、咖喱粉、咖啡粉、面粉、固体饮料、葡萄糖、米粉、固体医药、农药、粉粒状添加剂、染料、化工原料等粉料。

Product Description: the semi-automatic spiral packing scale adopts the process of manual bagging, automatic measurement, induction automatic blanking, filling, bagging, manual sealing or automatic sealing, etc. It is suitable for packing powder and granular materials that are easy to flow or have general fluidity, Such as starch, milk powder, curry powder, coffee powder, flour, solid beverage, glucose, rice powder, solid medicine, pesticide, powder granular additive, dye, chemical raw materials and other powder materials.

- 1.伺服电机驱动螺旋，转速可设定、性能稳定、计量准确。(The servo motor drives the screw, the speed can be set, the performance is stable and the measurement is accurate.)
- 2.中英文触摸屏，机构简单，操作简便直观。(Chinese and English touch screen, simple mechanism, simple and intuitive operation.)
- 3.采用自主产权的CPU控制系统。(CPU control system with independent property right is adopted.)
- 4.开剖式透明料箱，易于观察，清洗方便。(Open type transparent material box, easy to observe and clean.)
- 5.采用国内外知名品牌配件。(Adopt domestic and foreign famous brand accessories.)
- 6.可添加除尘机构，使工作环境干净卫生。(Dust removal mechanism can be added to make the working environment clean and sanitary.)

包装物料 (Packing materials) : 袋产品装箱 (Packing of bag products) ;

包装范围 (Packaging scope) : 100g—10kg

小袋产能 (Pouch capacity) : 120-150pcs/min

小袋重量 (Bag weight) : ≥100g

装箱理包动力采用松下伺服马达 ; (Panasonic servo motor is used for packing and packing power)

气动元件采用SMC、Fes-to等优质产品 ; (The pneumatic components are SMC, FES to and other high-quality products;)

电气可集散控制，触摸屏显示操作 ; (Electric can be distributed control, touch screen display operation;)

电源 (Power Supply) : 三相五线制 (Three phase five wire system) 380V±10% , 50Hz , 15kw ;

耗气量 (Gas consumption) : 0.5—0.8MPa , 1.2m³/min ;

成功案例 Successful case



HNWT2000系列吨袋包装机

HNWT2000 series ton bag packing machine

是由高精度传感器及高精度分辨率控制仪表构成的计量控制系统，精度高，稳定性好，实现了自动送料、计量、包装、计数于一体以及采用触摸屏、PLC智能控制、监控等一体化的智能吨袋包装机。适用于各种形态物料，符合GMP、HACCP等生产标准。

Equipment introduction: it is a metering control system composed of high-precision sensors and high-precision resolution control instruments, High precision, good stability, It realizes the automatic feeding, measuring, packaging and counting as well as the intelligent ton bag packaging machine with touch screen, PLC intelligent control and monitoring. It is widely used in all kinds of materials and conforms to GMP, HACCP and other production standards.

功能特点(Functional features):

- 1、精度高，稳定性好。(High precision, good stability.)
- 2、供料机构采用大小两种通径闸阀，控制粗，慢，精三级供料。(The feeding mechanism adopts two kinds of gate valves, large and small, to control the coarse, slow and fine three-stage feeding.)
- 3、包装范围宽，在500~2000kg范围内可调。(The packaging range is wide, adjustable in the range of 500-2000kg.)
- 4、参数设定，称量标定简单易懂，操作方便。(Parameter setting, weighing and calibration are easy to understand and operate.)

技术参数(Technical parameters):

包装形式(Packing form) : 吨袋式 (Ton bag)

包装范围(Packaging scope): 500kg~2000kg

包装速度(Packing speed) : 6袋—20袋/小时(6 bags - 20 bags / hour)

包装精度 (Packaging accuracy): 静态精度0.1%FA.OIMLⅢ级 动态精度0.2-0.3%(Static accuracy 0.1% fa.oiml class III dynamic accuracy 0.2-0.3%)

气源 (Air source): 0.4~0.6MPa, 耗量(Consumption): 2M³/h

电源 (Power Supply) : AC380V±10%, 功率(power) : 3.5kw

外型尺寸(长×宽×高)(External dimension (L × w × h))5200x1800x3500 (按照实际设计而定) (according to the actual design).



成功案例 Successful case



HN系列全自动灌装生产线

HN series automatic filling production line



该灌装线由上瓶机、理瓶机、自动称量/计量、灌装机及铝箔封口机、上盖机、压盖机七部分组成。由人工将空瓶置入上瓶机，上瓶机将空瓶送入理瓶机，理瓶机自动理瓶，由出口处自动进入灌装机，灌装机根据设定，自动实现灌装，灌装中自动设置振动装置，将物料振平，灌装好的物料自动进入封口机封口，再进入上盖机上盖，上好盖经旋盖机，由压盖机自动压盖，(瓶盖由人工投入料仓)，从而完成全自动上瓶、理瓶、灌装、封口、上盖、压盖。适合颗粒物料、粉剂物料、液体酱体物料的瓶装、桶装、罐装等形式的自动灌装生产线，适用于食品、化工、医药、农资等行业。

The filling line consists of seven parts: bottle loading machine, bottle handling machine, automatic weighing / metering, filling machine, aluminum foil sealing machine, capping machine and capping machine. Put the empty bottle into the bottle loading machine manually, and the bottle loading machine will send the empty bottle into the bottle handling machine. Automatic bottle handling machine, automatic bottle handling from the outlet into the filling machine, According to the setting, the filling machine automatically realizes the filling, and the vibration device is automatically set in the filling process, Level the materials, and the filled materials will automatically enter the sealing machine for sealing, and then enter the upper cover of the upper cover machine. After the upper cover is closed, it will be automatically capped by the capping machine (the bottle cover will be put into the bin manually), So as to complete automatic bottle loading, bottle management, filling, sealing, capping and capping. It is suitable for automatic filling production line in the form of bottling, barreling and canning of granular materials, powder materials and liquid paste materials, and suitable for food, chemical, pharmaceutical, agricultural and other industries.

技术参数 (technical parameter) :

罐装范围 (Can range) : 5g-50g, 50g-200g, 100g-500g, 500g-1000g, 1kg-5kg, 5kg-25kg, 20kg-50kg。

罐装速度 (Filling speed) : 30--90罐/分钟 ;

罐装精度 (Can accuracy) : $\pm 0.2\%$ - $\pm 0.5\%$ (视罐装范围、物料属性而定) (depending on the range of can and material properties);

配套计量器 : 电子秤、组合秤、螺旋计量机、活塞灌装机、量杯等 ; Supporting metering device: electronic scale, combination scale, screw metering machine, piston filling machine, measuring cup, etc;

灌装生产线根据使用要求配置、设计，实现智能化的生产线要求。The filling production line is configured and designed according to the use requirements to realize the intelligent production line requirements.

成功案例 Successful case



HN系列辅助设备

Auxiliary equipment



HNT1螺旋提升机



HNT2垂直斗式提升机



HNT3倾斜式多斗提升机



HNT4倾斜挡边带式提升机



HNT5诱导式翻斗提升机



HNXS2m皮带输送机



成品输送机



大倾角输送机



HN S1.6m皮带输送机



拐弯输送机



水平运动输送机



圆盘理料机



自动投标签机