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国家知识产权优势企业 省级高新技术研发中心

浙江江南制药机械有限公司

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我们一直关注制药机械行业发展专业化之路
领先的步伐永不停止

We have been always insisting on
Pharmaceutical Machinery Developing specialization strategy
Always keeping our leading advantage



COMPANY PROFILES / 企业概述

Zhejiang Jiangnan Pharmaceutical Machinery Co., Ltd., established in 1997, is engaged in R&D, manufacturing, marketing, and services. The company is situated in Ruian economic development zone, Zhejiang Province, and covers an area of 15,000 square meters. Main business includes pharmaceutical production and food packaging machinery. Our main production and sales include: Medicine packing production line, High efficiency intelligent coating machine, automatic cartoner, high speed blister packing machine, softgel encapsulation machine, automatic packing machine, automatic high speed banding machine, super mixing granulator & fluid bed dryer, ect. Our company has won following titles such as National high-tech enterprise, national enterprise with intellectual property right, national science and technology middle and small-sized enterprise, Board member of China Pharmaceutical equipment Industry Association, Zhejiang patent demonstration enterprise, Provincial High-tech Enterprise R&D Center, Zhejiang AAA Enterprise of Abiding by Contract and Being Trustworthy, Wenzhou famous-brand product, industry leading enterprise, Top 100 honest enterprises, and city-level star enterprise; it also undertakes many large projects: IOFFICE, National "Spark Plan", and Wenzhou and Ruian science and technology project. As one of main drafters for China blister packaging machine industry standards, our company has passed ISO9001 quality management system certification, intellectual property management system certification and standard and good behavior verification certification, and owns the power to engage in import and export trade. Our products have passed European CE Certificate. Our company has developed group standard of Zhejiang Manufacturing of T/ZZ B1192-2019 <Film coating machine unit>.

We are also one of the main drafting units of the domestic blister packaging machine industry standard.

The company features strong technique power and strong independent ability of research and development. In the R&D center, there are 30 technicians, including 16 engineering technicians at bachelor and intermediate level and above. The center has gotten over 60 national patents, including 10 patents for invention. The company has a machining center, numerically-controlled machine tools and CNC wire-cut machines. We have an after-sales service team with over 20 skilled personnel to be engaged in after-sales services, meet requirements of user services, and provide user debugging and training techniques. In term of product design, development, production, sales and services, our company abides by system procedure, and provides quality guarantee. Due to perfect machine performance, complete types, right quality, reasonable price and satisfactory post-sale services, our products are sold all over China and over 80 countries and regions in Europe, Africa, Asia and Australia; We have offices in Pakistan, Bangladesh, India, Netherlands, France, Indonesia, Iran, Mexico, Thailand, and Vietnam.

Our company focuses on talent training and team building, and conforms to professional, dedicated, pragmatic and innovative development concept. It adheres to "customer-centered and credit superior" principle. The company works to solve most urgent and practical needs of customers with technical advantages, standardized management and hard work, and give feedback on customer trust with quality products and advanced technologies. We would like to cooperate with you for common development!



浙江江南制药机械有限公司创建于1997年，是一家集研发、制造、销售、服务于一体的国家级高新技术企业。公司座落于浙江省瑞安经济开发区，现代化的标准工业厂房占地面积一万五千多平方米，主要生产制药、食品包装机械生产线。公司生产、销售包括：药品包装生产线、高效智能包衣机、高速铝塑泡罩包装机、自动装盒机、软胶囊（囊）生产线、自动装箱一体机、自动高速捆包机、湿法制粒流化机组等系列产品。

浙江江南制药机械有限公司先后获得国家高新技术企业、国家知识产权优势企业、国家级科技型中小企业、中国制药装备行业协会理事单位、浙江省专利示范企业、省级高新技术企业研发中心、浙江省AAA级守合同重信用单位、温州名牌产品、行业龙头企业、市“百强诚信企业”、市星级企业等荣誉称号；还承担国家火炬计划项目，国家星火计划项目，温州市、瑞安市级科技项目。企业通过ISO9001质量管理体系、知识产权管理体系认证和标准化良好行为确认认证，拥有进出口自营权，产品均已通过欧盟CE标志认证，我公司制定了T/ZZ B1192-2019《滚筒式有孔包装机组》浙江制造团体标准亦是国内泡罩包装机行业标准主要起草单位之一。

公司技术实力雄厚，自主研发能力强，研发中心现有技术人员30人，其中本科及中级以上工程技术人员16人，已获得60多项国家专利技术，其中发明专利10项。自有加工中心，数控机床、数控线切割机床等各种高端加工及检测设备。公司售后服务队伍实力雄厚，专门配备了20多名专业技术精湛的服务人员从事售后服务工作，能随时满足用户的服务要求，为用户调试，培训技术操作人员。产品的设计、开发、生产、销售和服务全过程，严格执行体系程序，为产品质量提供品质保证。完善的机器性能，齐全的型号，优良的质量，合理的价格，周到的售后服务，使我公司生产的各种设备畅销全国各省市自治区及美洲、欧洲、非洲、亚洲和澳洲的80多个国家和地区；巴基斯坦、孟加拉、印度、荷兰、法国、印度尼西亚、伊朗、墨西哥、泰国、越南等国均设有代理办事处。

浙江江南注重人才培养与团队建设，秉承专业、敬业、务实、创新的发展理念，坚持以客户为本，以信用为先的服务准则，以自身擅长的技术服务优势，及规范化管理，用心解决客户最迫切、最实际的需求，用优质的产品、先进的技术回馈客户的信赖。浙江江南愿与您携手合作，共谋发展！

先进的工业制造技术

Advanced Industrial Manufacturing Technology



精品化质量管理模式
High quality management mode



生产装备及工艺革新

Production Equipment / Technical Innovation

公司不仅有强大的自主研发能力，还通过标准化、精细化的品质管理体系，确保每个零部件的高标准，分类有序的各条装配线及花巨资引进的各类加工中心，无一不显示我们在对制药设备的专业、专注和专一。





企业发展历程

JIANGNAN ENTERPRISE



2020

7月获得新版ISO9001:2015质量管理体系认证证书
8月通过浙江省AAA级“守合同重信用”企业复评
9月公司注册资本增加至2160万元整
11月通过国家高新技术企业复评

2019

3月制订了《高效智能包装机》浙江制造团体标准。
5月车间楼顶光伏发电项目通过瑞安市发改委验收
8月 DH-260型铝塑泡罩成型与装盒联动一体机通过瑞安市科技计划项目验收
10月 BG-600型双通道分段式高新智能包装机获得瑞安市科技计划项目立项

2018

6月通过国家级科技型中小企业
7月通过浙江省专利示范企业复审
8月通过国家知识产权优势企业复审
11月通过省级知识产权贯标
12月高效智能有孔包装机组入围“浙江制造”标准计划
12月申报并通过软件著作权

2017

1月获得浙江省著名商标延续;
4月成为中国制药装备行业协会理事单位;
5月获得新版ISO9001:2015质量管理体系认证证书;
7月公司成立二十周年庆;
9月获得4项浙江省省级鉴定产品证书;
9月获得温州市科技进步三等奖。

2016

3月通过2016年度科技创新项目立项;
7月荣获标准化良好行为AA级证书;
9月被认定为浙江省AAA级“守合同重信用”企业;
9月荣获2016年度温州市科技进步奖二等奖;
10月通过浙江省著名商标延续确认;
10月获得4个浙江省省级鉴定产品证书。

2015

8月浙江省专利示范企业通过复核;
9月被认定为省级高新技术企业研究开发中心;
9月温州市专利示范企业通过复核;
10月被认定为“国家知识产权优势企业”;
11月荣获2015年度瑞安市科技进步奖一等奖;
12月荣获知识产权管理体系认证证书;
12月荣获2015年度国家火炬计划证书。

2014

1月获得省著名商标荣誉;
2月荣获年度瑞安市星级企业称号;
9月通过国家高新技术企业重新认定。

2013

1月荣获计量检测体系合格证书;
6月荣获标准化良好行为证书;
12月荣获年度工业明星企业称号;
12月浙江股权交易中心创业板成功挂牌。

1997

7月于瑞安市巾子山路创办了瑞安市江南制药机械厂,注册资金50万。

1999

5月从巾子山路迁址到东山上埠村并更名为浙江江南制药机械有限公司,注册资金增加至200万。

2003

12月被评为浙江省科技型中小企业,同年被中国建设银行评为“AAA信用单位”。

2004

4月在经济开发区征地13亩,建设现代化标准厂房;
12月被认定为省级高新技术企业;
12月被瑞安市政府认定为二星级企业。

2005

12月被评为2005年中国最具发展潜力百强企业称号。
注册资本增加至500万

2006

12月获得温州市专利示范企业荣誉;
12月荣获2006年瑞安市百家优势成长型企业100优。

2008

1月浙江江南制药机械有限公司注册资金增加至1000万元; 2月通过GB/T19001-2000、ISO9001:2000质量管理体系认证;
7月迁入经济开发区14000m²现代化标准厂房; 11月通过国家高新技术企业认定,成为瑞安地区首批入驻的高新技术企业;
12月被评为行业龙头企业。

2010

5月获得温州市安全生产标准化机械制造业企业证书;
获得2010年度瑞安市科学技术进步奖;
10月被认定为浙江省工商企业信用AA级守合同重信用单位。

2011

11月江南制药机械企业技术研发中心被认定为温州市企业技术研究开发中心。

2012

11月被评为浙江省专利示范企业;
12月获得温州市知名商标荣誉。

一块块牌匾
饱含着江南人多少艰辛和汗水

一个个奖杯
成就了江南人多少追求和梦想

每个荣誉
都是江南人的骄傲和自豪
都会鼓舞江南人奋力赶超

耀眼的荣誉
属于过去，已成为历史

江南铸就辉煌
仍需只争朝夕！



HONOR

行业成功案例 Major Strategic Partners



国内外4000多家药企/食品厂选用我公司设备

More Than 4000 Pharma/Food Companies Both In China And Abroad Have Selected Our Equipments



铝塑泡罩包装机
BLISTER PACKING MACHINE



多功能自动装盒机
MULTIFUNCTIONAL AUTOMATIC CARTONER



高效智能包衣机
HIGH-EFFICIENCY INTELLIGENT COATING MACHINE



泡罩/枕包/装盒包装一体机
AUTOMATIC MEDICINE PACKING PRODUCTION LINE



软胶丸生产线
SOFTGEL ENCAPSULATION MACHINE



自动捆包/装箱联动线
AUTOMATIC BANDING & PACKING CONNECTING LINE



湿法制粒 流化机组
SUPER MIXING GRANULATING AND DRYING UNIT



7 类
制药智能 装备系统





Make
Blister/ Cartoner
More
Efficiency



让泡罩装盒包装更高效

EFFICIENCY +
美学

DPSW-450

AUTOMATIC MEDICINE PACKING PRODUCTION LINE
泡罩/枕包/装盒/装箱一体机



独立撕袋线工位
Independent tearing line station



枕式包装机
Pillow packing machine



装盒机
Cartoner



扫描二维码
了解产品动态视频



性能特点 Performance and Characteristics:

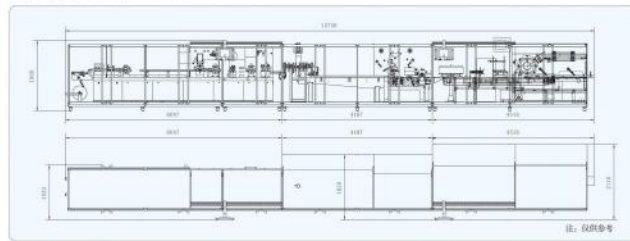
- 外观钢化玻璃可视化设计，便于观察机器工作状态及维护；防护罩开启时机器进入停止状态。
- 可移动式人机操作界面，便于调试；并在整线上设有多个急停按钮。
- 由伺服运动控制系统运行整线，并带有记忆功能，即停机、断电、无需求新设置设备参数，自动记录上次停机点位置继续运行。
- 模具定位设计，更换方便快捷。
- 泡罩段缓冲设计，减少泡罩收缩率。
- 气、水一体式冷却工位。
- 废料切碎排出无需停机收集。
- 上下游设备硬性连接，连续性送料，多种板快枕包数量可在触摸屏上即时设定。

- Visible tempering glass cover, easy to observe working status and maintenance; machine stops when cover is open.
- Movable HMI, easy to test; multiple emergency stop buttons on whole working line.
- Whole working line controlled by servo motion control system, with memory function, no need to reset parameters when machine stops or occurs power interruption, automatically record the last stopping position and continuously operate.
- Mould positioning design, easy to change.
- Buffer for blistering section, reducing contraction ratio of blister.
- Integrated air and water cooling station.
- Wasted edge chopping and discharging, no need machine stopping and collecting.
- Hard connecting for upstream and downstream equipment, continuous feeding, instant setting in HMI for various blisters and wrapping package quantities.



加料器
Feeder

平面示意图 Schematic Plan View



主要技术参数 Main Technical Parameter

电源总功率 Total Power	380V 50Hz 25Kw
气泵容量 Air Pump	≥0.25m³/min (自备 Self Prepared) 压力: 0.6-0.8Mpa
外形尺寸 Size	14800x1200x1740mm (可分体, 含地脚高度 Can be Separated)
整机净重 Weight	7000KG

DPP-300K 泡罩机 Blister Packing Machine

冲裁频率(标准版) Punching Speed	铝塑AL/PVC: 150枚/分 Max 铝塑AL/AL: 90枚/分 Max
最大成型面积及深度 Max. forming Area & Depth	铝塑AL/PVC: 200x300x15mm 铝塑AL/AL: 200x300x12mm
包装材料 Packing Material	无毒PVC硬片 Non-toxic PVC sheet (0.15-0.4)x310x(Φ600)mm
(卷筒均为Φ75mm)	热封铝箔 Heat-sealed aluminum foil (0.02-0.15)x310x(Φ300)mm
	成型铝箔 Forming aluminum foil (0.16-0.2)x310x(Φ600)mm
(Roll dia Φ75mm)	热封透析纸 Heat-sealed dialysis paper (50-100)g/m²x310x(Φ300)mm

GS-500 枕包机 Pillow Type Packing Machine

生产能力 Capacity	30-180包/分 Bag/min
切割尺寸 Cutting Size	长度 Length: 75-400mm
包装尺寸 Packing Size	包装膜宽度 Packing Film Width 最大 Max.: 450mm
	产品尺寸 Product Size 膜宽 width: 20mm 膜高 Vae. height 50mm

ZH-450 装盒机 Cartoner

装盒速度 Speed	450盒/分钟 box/min
纸盒 Carton	质量要求 Quality 250-350g/m² (视情况而定)
	尺寸范围 Size (90-160)×(35-90)×(15-50)mm
说明书 Leaflet	质量要求 Quality 70-80g/m² (视情况而定)
	折叠尺寸范围 Unfolded Size Scope (90-250)×(90-180)mm (长×宽)

(注意: 数据如有更改, 恕不另行通知) (Notes: If any change of data, we will not notify further.)

DPHW450

AUTOMATIC MEDICINE PACKING PRODUCTION LINE
泡罩/装盒包装一体机



扫描二维码
了解产品动态视频



性能特点 Performance and Characteristics:

- 德国西门子运动控制系统(选配)、触摸屏人机交互界面。
- 具有各系统部件过载保护及监控系统、自动控温系统、装料停机及预备料系统、物料控制监控、故障记录及位置显示系统、自动保护停机及报警系统。得益于系统的高度集成,各种个性化功能都可以快速实现稳定运行。
- 整机以模块化设计为基础,各工位属于互相独立又互相配合的协作一体,各工位的功能均不相同可方便的判断故障的点并快速维修。
- 模具采用快速安装方式,各类型模具均采用同一尺寸安装孔位。钢字板等需要经常更新的部件均优化设计,只需用单人单一工具拆卸组装。与药物接触的部分严格按照国家标准或高于国家标准材料。
- 整机采用分体设计,电线电缆及水气路均采用快速接头并作好对接的标记。
- SIEMENS Motion control system and HMI.
- Overload Protection and Monitoring System, Automatic Temperature Control System, Stopping machine for Missing material and material preparation System, Material control and monitoring system, malfunction recording and position display system. Benefiting from high-integrity system, all kinds of personalized functions achieve stable and quick operation.
- Basing on analog design, each station works individually and collaboratively. Each function of stations is different so malfunction position is easily detected and maintained.
- Fast mould installation all kinds of moulds adopt same size of installation position. Changeable parts like steel letter plate achieve optimal design of easy dismounting and assembling. Contacting parts with drug are strictly in accordance with national standards or higher than national standards.
- Machine adopts separate design. Wire, cable, water and air circuit are all equipped with quick connectors and marked with docking.



批号冲戳工位
Batch number punching station



出料机械手
Discharge manipulator



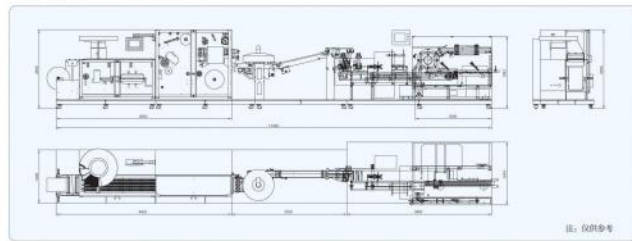
智能机器人吸板装置
Intelligent robot suction plate device



旋转吸盒工位
Rotary suction box station



平面示意图 Schematic Plan View



注: 仅供参考

主要技术参数 Main Technical Parameter

电源总功率	Total Power	380V 50Hz 25Kw
气泵容量	Air Pump	≥0.25m³/min (自备 Self Prepared) 压力: 0.6-0.8Mpa
外形尺寸	Size	14800x1200x1740mm (可分体, 含地脚高度 Can be Separated)
整机净重	Weight	7000KG

DPH-350 泡罩机 Blister Packing Machine

冲裁频率(标准版)	Punching Speed	铝塑AL/PVC: 60-150组/分 铝塑AL/AL: 40-80组/分
最大成型面积及深度	Max. forming Area & Depth	铝塑AL/PVC: 350x260x12mm 铝塑AL/AL: 350x260x12mm
包装材料		无毒PVC硬片 Non-toxic PVC sheet (0.15-0.4)x350x(Φ600)mm
Packing Material		热封铝箔 Heat-sealed aluminum foil (0.02-0.15)x360x(Φ300)mm
(卷筒均为Φ75mm)		成型铝箔 Forming aluminum foil (0.16-0.2)x350x(Φ600)mm
		热封透析纸 Heat-sealed dialysis paper (50-100)g/m²x360x(Φ300)mm

ZH-450 装盒机 Cartoner

装盒速度	Speed	≤ 400盒/分钟 Box/min
纸盒	质量要求 Quality	250-350g/m² (视情况而定)
Carton	尺寸范围 Size	(90-160) × (35-80) × (15-50)mm
说明书	质量要求 Quality	70-80g/m² (视情况而定)
Leaflet	折叠尺寸范围 Unfolded Size Scope	(90-250) × (90-180)mm (长×宽)

(注意: 数据如有更改, 恕不另行通知) (Notes: If any change of data, we will not notify further.)

PBL-260D

MEDICINE PACKING AUTOMATIC
PRODUCTION LINE

安瓿/西林瓶自动泡罩包装生产线



扫描二维码
了解产品动态视频

专利号(Patent No.):

ZL200710307573.9 ZL201310154742.5 ZL201410211526.4
ZL200810187464.2 ZL201420256265.3 ZL201420256286.5
ZL201010179065.9 ZL201420256407.6 ZL201420256214.0



用途 Use:

本机专用于单支安瓿瓶、单支西林瓶的混合外包装。整机组成有塑托成型、安瓿瓶加料、西林瓶加料、热封、冲切、装盒。由PLC控制，先进的自检功能，自动识别破泡罩、缺瓶、缺说明书及空盒检测记忆并对废品100%剔除，可实现药瓶的自动入托、说明书自动装盒等功能。

This machine is specialized for the combined blister packing of both one ampoule and one 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 leaflet and empty box examining memory. It has function of 100% elimination of waste products, automatic vial feeding and automatic leaflet cartoning functions.



主要技术参数 Main Technical Parameter

生产能力 (与物料形状尺寸有关) Production Capacity (Related to the shape and size of material)	≤20-25次/分 (铝塑包装机) ≤220盒/分 (装盒机) ≤20-25 Times/Min. (Al/PVC Packing Machine) ≤220 Box/Min. (Cartoner)
最大成型面积及深度 Max. Forming Area and Depth	铝塑(AL/PVC): 250 × 110 × 22mm 铝铝(AL/AL): 250 × 110 × 18mm
纸盒尺寸范围 Carton Size Scope (L × W × H)	(80-150) × (40-90) × (15-40)mm
说明书尺寸范围 Leaflet Size Scope (L × W)	(130-240) × (100-180)mm
纸盒材质 Carton Material	250-350g/m ²
说明书材质 Leaflet Material	60-80g/m ²
电源/总功率 Power Supply/Total Power	380V 50Hz 14.5KW
压缩空气压力/耗气量 Compress Air Pressure/Total Air Consumption	0.6-0.8Mpa ≥0.8 m ³ /min
整机重量 Whole Machine Weight	4500Kg
物料填充率 Material Filling Rate	≥99%
装盒成品率 Encasing Rate of Finished Products	≥99%

注意: 数据如有更改, 恕不另行通知 (Notice: If any change of data, we will not notify further.)

DPP-300KI

HIGH SPEED BLISTER PACKING MACHINE
(FULL SERVO CONTROL SYSTEM)
高速泡罩包装机(全伺服)



扫描二维码
了解产品动态视频

150 Cutting/min



用途 Use:

该机是我司打造的国内速度最快的一款高速平板式泡罩包装机，每分钟稳定可达150切运行速度（标准版）。该机采用西门子最为先进SIMOTION运动控制系统，集光电气一体化，工位间轴化，设备工位操作灵活化、智能化。

该机有成型、热封、批号压痕及冲裁三个主独立工位和两个大主架组成一线卧式排列结构，分别由运动计算控制系统完成。

This machine is a high-speed flat blister packaging machine with the fastest speed manufactured by us, and its running speed can reach 150 cutting/min stably (standard version). The machine adopts Siemens' most advanced SIMOTION motion control system, which integrates light and electricity, and the work station is coaxial, which makes the equipment station operation more flexible and intelligent. This machine has three main independent stations (Forming, heat-sealing, batch number & Impression and Cutting) and front-tier horizontal arrangement structure consisting of two main big frames, both of which are completed by the motion computer control system respectively.



主要技术参数 Main Technical Parameter

冲裁频率(标准版) Punching frequency (standard version)	铝塑 40-120切/分 Max 铝塑 20-100切/分 Max AL/PVC:120 cutting/min Max AL/AL:100 cutting/min
最大成型面积及深度 Maximum molding area and depth	(铝塑 AL/PVC):200×300×15mm (铝塑 AL/AL):200×300×12mm
行程范围 Travel range	30-120mm
版块规格 Specification of Blister	57×90mm
包装材料 (卷筒均为φ75mm)	无毒PVC硬片 Nontoxic PVC hard piece (0.15-0.4)×310×(φ600)mm
	热封铝箔 Heat-seal aluminum foil (0.02-0.15)×310×(φ300)mm
Packaging material (the roller Dia is φ75)	成型铝箔 Forming aluminum foil (0.16-0.2)×310×(φ600)mm
	热封透析纸 Heat-seal Dialyzing Paper (50-100)g/m ² ×310×(φ300) mm
电源、总功率 Power supply and total power	380V 50Hz 16.2kw
气泵容量 Capacity of air pump	> 0.25m ³ /min(自备 self-prepared) 压力:0.6-0.8Mpa
模具冷却 Mould cooling	自来水或循环水耗量 Tap water or circulating water Consumption:60-100L/h
外形尺寸 Overall Dimension(L×W×H)	5610×800×1740mm(可分体, 含地脚高度Can be separate package)
整机重量 Total weight	约3000kg

(注意: 数据如有更改, 恕不另行通知 / Notes: If any change of data, we will notify further.)

DPP-260H/260K

HIGH-SPEED AL-PLASTIC(AL/AL)
BLISTER PACKING MACHINE
快速铝/塑(铝/铝)泡罩包装机



扫描二维码
了解产品动态视频



★ 泡罩包装机行业标准起草单位

专利号(Patent No.):

200810187464.2 ZL200820183931.X
201020186693.5 201010179065.9
201020198894.7 201020223490.9
201020198884.3 ZL201510479995.9

用途 Use:

该机采用了变频调速与机、电、光、气一体化控制技术,严格按照医药行业“GMP”规范要求创新改造,在国内处于领先水平,该机功能先进,操作简单,产量高,是大中型制药企业、保健品和食品行业最理想的包装设备。

性能特点 Performance and Characteristics:

- 采用高端PLC控制,触摸屏操作,中英文数字显示,变频调速,伺服牵引,牵引长度在牵引尺寸范围内可在触摸屏上任意调节;
- 具有加热温控检测,主机过载保护, PVC和PTP包装材料料位检测,加料储料仓料位检测控制,故障自动诊断报警提示,自动停机保护功能;
- 整机工位模块式水平设计结构,可视性好,使操作更加安全方便;接触式加热,正压成型,气垫热封焊缝上下网纹、图纹对板可使产品包装更加出色;
- 模具矩形设计,梯形定位,更换方便快捷,所有与药物接触部分均采用优质不锈钢及高品质的铝合金材料精心制作,高档次的表面处理工艺,质感更优;成品有序输出,次品自动收集,并配有废料自动收卷机构,废料轻松收集;
- 整机采用分体联接设计,便于进入电梯、车间。

The machine adopts frequency conversion speed regulation and opto-mechatronics control technology, and has been innovated and reformed in strict accordance with the GMP requirements of the pharmaceutical industry. It is the most ideal packing equipment for large and medium-sized pharmaceutical industry, health care products and food industry because of its advanced functions, simple operation and high output.

- Adopts top brand PLC controller with touch screen displayed in Chinese and English, frequency inverter for speed control, servo traction, which can ensure the length of blister traction adjustable within the range.
- With function of thermal temperature control and testing, main machine overload protection, PVC and PTP packing materials positioning testing, material feeding and positioning testing, automatic fault diagnosis alarm indication, automatic poweroff protection.
- The machine station module type design of level frame, good sight, safe and convenient operation.
- Thermal with contact type, positive press formed, air cushion thermal seal upper and lower net, photo register make your product package better.
- The special design of moulds in rectangle shape, ladder type fixing, provide much convenience and easy to replace moulds. All material contact parts adopt high quality stainless steel and aluminum metal, slip-up surface treatment craft. Discharging finished product in right order, automatic collection of bad products, auto rewinding of strap material to ensure easy collection.
- The machine has been designed into separated body, which is easy to move into lifts or workshops.



主要技术参数 Main Technical Parameter

项 目 Item	型 号 Model	DPP-260K	DPP-260H
		铝/塑(AL/Plastic) 20-80次/分(Times/Min)	铝/塑(AL/Plastic) 20-80次/分(Times/Min)
冲 裁 率 Punching Frequency		铝/铝(Al/Al) 15-30次/分(Times/Min)	
最大成型深度 Max Forming Depth		铝/塑25mm AL/Plastic 25mm 铝/铝18mm Al/Al 18mm (Made To Order)	
行程可调范围 Adjustable Scope of Travel		30-120 mm (可定制 Made to Order 30-140 mm)	
洁净压缩空气 Clean Compressed Air		压力 (Pressure) 0.6-0.8Mpa	
耗气量(空压机) Air consumption (Air Compressor)		0.25-0.5m ³ /min(自备)(Self Prepared)	
电源及总功率 Power Supply and total power		380V 50HZ 10Kw	
外 形 尺 寸 Dimension		4775x750x1620cm(可分体)(Can Be Separate Package)	
整 机 重 量 Weight		2088Kg	

注意:数据如有更改,恕不另行通知 (Notice: If any change of data, we will not notify further.)

DPP-260H2

AL-PVC-AL AUTOMATIC BLISTER PACKING MACHINE
铝塑铝自动泡罩包装机

★ 泡罩包装机行业标准起草单位



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本机可同时进行铝/塑、铝/铝、铝/塑/铝三种不同包装,达到了一机三用之目的。

This machine can be applied to different packaging of AL/PVC, AL/AL, AL/PVC/AL at the same time.

主要技术参数 Main Technical Parameter

冲裁次数 Punch Frequency	20-40次/分 (Times/Min)
行程可调范围 Travel Adjusting Range	30-120mm (可定制 Can be customized: 30-140mm)
最大PVC成形面积及深度 Max. of Forming Area and Depth of PVC	250 × 110 × 18mm
包装材料 (宽度) Size of Packing Material (Width)	热箔铝Tropic Aluminum: 260mm 铝箔 PTP Alum, Foil PTP: 260mm
最大热箔铝成形面积及深度 Max of tropic Aluminum forming area and depth	60 × 120 × 20mm
成形加热板功率 Power of Forming Heating Plate	2kw(上/Upper), 2kw(下/Lower)
铝塑热封功率 Power of AL-PVC Heat-Sealing Plate	2kw
外形尺寸 Dimension	5600 × 760 × 1680mm

注意:数据如有更改,恕不另行通知 (Notice: If any change of data, we will not notify further.)



DPH-260/350

High-Speed Aluminum-Plastic Roll
Type Packaging Machine
高速辊板铝塑泡罩包装机



用途 Use:

本机适用于胶囊、片剂等常规药品，此外也可以应用于奶片、含片、口香糖、巧克力豆等制品的自动高速泡罩包装。采用平板正压成型，PVC泡罩外形挺扩均匀；铝箔网纹线封，外形美观密封效果可靠；批号采用易更换设计，在保证效果的前提下方便每日更换；冲裁工位可设计为普通冲裁或微边冲裁及无边冲裁模式，大幅节约物料成本，将人力成本及材料成本降低到最低限度，大大提高企业生产效率。

高速铝塑泡罩包装机采用伺服牵引机械传动设计，具有自动化程度高，更换部件及工作模式快，故障率低等优点。可实现与装盒机等机器的完美匹配对接，满足各种版型各种收线的包装要求。

The machine is applicable to capsule and tablet. In addition, it is also applied to automatic high-speed blister packaging of milk powder candy, buccal tablet, chewing gum and marble chocolate. The plate positive pressure forming is used, and PVC blister appearance is even; the roller is sealed by overlapping curve, and appearance is beautiful and sealing effect is reliable; the batch number is easily replaced, and can be changed every day under the condition of guaranteeing the effect; the punching station can be general punching or micro-side punching and punching without side, which can greatly save cost, minimize human cost and material cost, and enhance greatly production efficiency.

The high-speed roll type blister packing machine is designed by servo traction mechanical drive, and features with high degree of automation, quick replacement of components and working modes, and low fault rate. It can match with the boxing machine and meet various on-line packaging requirements of various types.



主要技术参数 Main Technical Parameter

机型 Model	DPH260	DPH350
生产能力 Production Capacity	铝塑(AL/plastic): 60-150/min	铝塑(AL/AL): 40-80/min
包材最大线速 Max linear speed of packing material	20m/min	22m/min
最大成型深度 Max forming depth	12mm	12mm
最大成型面积 Max forming area (宽度X进给)	260X250mm	350X230mm
包材最大宽度 Max width of packing material	260mm	350mm
最大进给长度 Max feed (stretching) length	250mm	230mm
最大冲切长度 Max cutting length	120mm	120mm
电源 Power supply	AC380V/三相/50Hz 18kw/h	AC380V/三相/50Hz 20kw/h
气源 Air source	压力 Pressure	0.6 MPa
	耗气量 Air consumption	<12 m³/h
水源 Water source	温度 Temperature	15-18℃
	耗水量 Water consumption	<0.1 m³/h
外形尺寸 Overall dimensions(LxWxH)(不含加料器 Feeder excluded)	3860X1135X1725mm	4600X1380X1930mm
重量 Weight	约About 3000kg	约About 3500kg

注意：数据如有更改，恕不另行通知！(Notice: If any change of data, we will notify further.)

GS-500

High-speed Reciprocating Pillow Type Packing Machine
高速往复式枕式包装机

专利号(Patent No.):
ZL201530300412.2
ZL201510492514.8
ZL201520602101.6
ZL201520602830.1



概述 Introduction:

本机是针对固体物料的枕式包装而设计的，适合于包装各类固态有规则的物体，如食品类的饼干、面包、月饼、糖果、药板等，以及日用品、工业零件等，对于散状物或个体分离的物体，则须将散状物先置于盒内，或将之绑束成一体，使之形成一个整体后，才可在本机上包装，至于其他非固态的散状物亦须注意此要项。

This machine is designed for solid-type material's pillow packing. It is suitable for all types of solid-state packing regular objects such as biscuit, bread, moon cake, candy, plates and other drugs, as well as daily necessities, industrial parts, etc. If it is used for bulk substance or individual objects, they are must be putted into the boxes or bring them up to a complete whole, then they can be packed on this machines, as well as other non solid state packed material.



特点 Characters:

- 三伺服控制器，袋长即设即切，无需调节空走，一步到位，省时省膜。
- 人机界面，参数设定方便快捷。
- 故障自诊断功能，故障显示一目了然。
- 高感度光电眼色标跟踪，使封切位置更加准确。
- 温度独立PID控制，更好适合各种材质包膜。
- 定位停机功能，不粘刀、不磨膜。
- 传动系统简洁，工作更可靠，维护保养更方便。
- 往复式端封机构，封口更牢固，封膜切刀无损耗。
- 端封插角装置，袋形更美观，提升产品档次。
- 所有控制由软件实现，方便功能调整和技术升级，永不落后。
- 伺服下料机构，自动下料，下料数量触摸屏调节。
- Adopt three servo controllers, and the bag can be cutted once upon the length is setted, no need adjust again and unload running. It can be done in one step with saving time and film.
- Adopt man-machine interface, it is convenient to set parameters.
- Fault self-diagnosis function, clear failure display.
- Adopt photoelectric tracing technology and digital input to ensure accurate sealing & cutting position.
- Temperature independent PID control, and be better to suited to packing film of many materials.
- Can set the machine stopping position, no sticking to the knife and no film wasted.
- Simple transmission system, more reliable for operate, more convenient to maintenance.
- Reciprocating side seal mechanism makes the seal more firm and the sealing film cutter without loss.
- End closure Gusset-insert device, the shape of bag is more beautiful than others, improved product quality.
- All of operation was contrlled by software, convenient for function adjusting and technical upgrade, never backward.
- Adopt Servo feeding system. Automatic feeding and the feeding amount can be adjusted by the touch screen.
- This machine is equipped with tablets-absent checking and rejecting device.



主要技术参数 Main Technical Parameter

项 目 ITEM	型号 MODEL	GS-500	GS-250D
生产能力 Capacity		30-180包/分(Bag/min)	30-150包/分(Bag/min)
包装尺寸 Packing Size	切割尺寸长度 Cutting Length	75-400mm	60-190mm
	包装膜宽度 Packing Film Width	Max. 最大450mm	Max. 最大250mm
	产品尺寸 Product Size	Max. Width最大200mm Max. Height最高60mm	Max. Width最大110mm Max. Height最高40mm
额定频率 Rated Frequency		50Hz	50Hz
额定电压 Rated Voltage		AC 380V	AC 220V
总功率 Total Power		6Kw	2.5Kw
机器重量 Weight		1934Kg	700Kg
外形尺寸 Overall Dimention (LxWxH)		4070x1300x1850mm	3350x650x1550mm

注：数据如有更改，恕不另行通知 (Notes: If any change of data, we will not notify further.)

ZH-320/450

MULTIFUNCTIONAL AUTOMATIC CARTONER

多功能自动装盒机



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主要功能 Main Function:

说明书自动折叠输送 (1-4折) ; 物料自动分料、供料 ; 纸盒自动展开, 说明书、物料自动装盒 ; 同步打批号 (三排) ; 纸盒自动封口 ; 废品自动剔除。适用于铝塑泡罩药板、针剂托盘、瓶类、软膏类及矩形或片状物品的自动装盒。

Automatic leaflet folding and conveying (1-4 folding), automatic material distribution, material supply; automatic carton unfolding, automatic leaflet and material cartoning (3-row), synchronous (3-row) batch number printing, automatic paper carton sealing, automatic waste-products eliminating. It can be used for AL/PVC blister plates, injection tray, bottles, ointment product's automatic encasing.



性能特点 Performance and Characteristics:

- 整机连续机械推料装盒, 各执行机构动作协调, 稳定可靠。
- 推板装置配有产品进盒不到位报警停机系统, 有效保证物品装盒质量及机构安全运行。
- 连续运动的开盒系统和拉式开盒机构更稳定, 更可靠。
- 伺服分料供料机构稳定、可靠。
- 气压及真空保护停机系统。门罩打开自动检测停机装置等, 确保操作机器的安全性。
- 通过表盘手轮可进行非常简便、快捷的产品尺寸更换调整。
- 变频调速、PLC自动控制, 触摸屏操作, 操作简单, 系统运行稳定。
- 主传动过载保护, 故障诊断提示, 故障自动停机。

- Continuous mechanical feeding materials and carton packing, and working of each functional part is in harmony, stable and reliable.
- When materials do not reach correct position, the pusher has an alarm and halt facility for that, in order to ensure good quality of carton packaging and safety in operation effectively.
- Constantly moving carton-opening and pulling carton-opening mechanism are more stable and reliable.
- Servo material departing and feeding mechanism is stable and reliable.
- Halt facility for air pressure and vacuum protection, when safety-cover is open, the halt facility will be checked automatically for safety of machine operation.
- It is easy, convenient and quick to change and adjust product size by hand wheel.
- Variable frequency speed regulation, automatic PLC control system with touch screen, easy to operate, the system runs stably.
- Overload protection for principal driving, indication of failure diagnosis, automatic fault shutdown.

主要技术参数 Main Technical Parameters

型号 Model	ZH-220	ZH-320	ZH-450
装盒速度 Encasing Speed	≤220盒/分钟(Box/min)	≤320盒/分钟(Box/min)	≤450盒/分钟(Box/min)
纸盒 Box	质量要求 Quality Requirement 250-350g/m ² 尺寸范围 Dimension Range (L×W×H) (70-220)×(35-135)×(15-85)mm	280-350g/m ² (70-180)×(35-85)×(15-65)mm	280-350g/m ² (70-180)×(35-80)×(15-50)mm
说明书 Leaflet	质量要求 Quality Requirement 60-80g/m ² 未折叠尺寸范围 (1-4折) Unfolded Leaflet Specification (1-4 Fold) (90-250)×(90-180)mm	60-80g/m ² (90-250)×(90-180)mm	60-80g/m ² (90-250)×(90-180)mm
压缩空气	耗气量 Air Consumption ≥0.3m ³ /min 0.6mpa	≥0.3m ³ /min 0.6mpa	≥0.3m ³ /min 0.6mpa
主电机功率 Main Motor Power	2.2kw 380V 50HZ	2.2kw 380V 50HZ	3.2kw 380V 50HZ
外形尺寸 Machine Dimension (L×W×H)	4700×1550×1700mm	4200×1550×1700mm	4500×1550×1700mm
整机净重 Machine Net Weight	3000kg	3000kg	3500kg

(注意: 数据如有更改, 恕不另行通知) (Notice: any change of data, we will not notify further.)

ZH-220

MULTIFUNCTIONAL AUTOMATIC CARTONER
多功能自动装盒机



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了解产品动态视频



性能特点

- 原机连续机械推料装盒，各执行机构动作协调、稳定可靠。
- 推板装置配有产品进盒不到位报警停机系统，有效保证物品装盒质量及机构安全运行。
- 连续运动的开盒系统和拉开式开盒机构更稳定、更可靠。
- 伺服分料供料机构稳定、可靠。
- 气压及真空保护停机系统、门罩打开自动检测停机装置等，确保操作机构的安全性。
- 通过表盘手轮可进行非常简便、快捷的产品尺寸更换调整。
- 变频调速、PLC自动控制、触摸屏操作、操作简单、系统运行稳定。
- 主传动过载保护、故障诊断提示、故障自动停机。

Performance and Characteristics:

- Continuous mechanical feeding materials and carton packing, and working of each functional part is in harmony, stable and reliable.
- When materials do not reach correct position, the pusher has an alarm and halt facility for that, in order to ensure good quality of carton packaging and safety in operation effectively.
- Constantly moving carton-opening and pulling carton-opening mechanism are more stable and reliable.
- Servo material departing and feeding mechanism is stable and reliable.
- Halt facility for air pressure and vacuum protection, when safety-cover is opened, the halt facility will be checked automatically for operating safety of the machine.
- It is easy, convenient and quick to change and adjust product size by hand wheel.
- Variable frequency speed regulation, automatic PLC control system with touch screen, easy to operate, the system runs stably.
- Overload protection for principal driving, indication of failure diagnosis, automatic fault shutdown.

主要技术参数 Main Technical Parameters

装盒速度 Encasing Speed	≤220盒/分钟(Box/min)	
纸盒 Box	质量要求 Quality Requirement	250-350g/m ²
	尺寸范围 Dimension Range (L×W×H)	(80-150)×(40-90)×(15-40)mm
说明书 Leaflet	质量要求 Quality Requirement	60-80g/m ²
	未折叠尺寸范围(1-4折) Unfolded Leaflet Specification(1-4 Fold)	(130-240)×(100-180)mm
压缩空气 耗气量 Air Consumption	≥0.3m ³ /min 0.6mpa	
主电机功率 Motor Power	1.5kw 380V 50HZ	
外形尺寸 Machine Dimension (L×W×H)	4500×1600×1600mm	
整机净重 Machine Net Weight	约2000kg	

注意：数据如有更改，恕不另行通知！(Notes: If any change of data, we will not notify further.)

ZH-120

AUTOMATIC CARTONER
全自动装盒机



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了解产品动态视频



概述 Intruction

该设备是集光、电、气、机一体的高科技产品。适用于泡罩成形的胶囊、片剂，外带铝塑包装的泡罩板及类似物品的自动装盒。其工作过程为药板或物品的传送（一次一板占多板可调）；药品说明书的传送（可进行1-4折的自动折叠）；纸盒自动成形与传送，将药板连带折好的说明书同时装入纸盒内；并自动完成打批号、两端纸舌封口等繁杂的封装过程。该机可与泡罩包装机联线形成包装流水线（可加热缩胶机）。

This machine is a high-tech product which adopts integration of light, electricity, and air. It is suitable for capsule blisters, tablet blisters and similar products's automatic encasing, of blister package for blister package and similar package. It consists of plates (materials) convey, manuals convey(can fold 1-4), automatic boxes forming and convey, feeding the medicine plates and folded manuals into box, batch number printing, sealing of box tongues at both ends etc. The medicine can linked with the blister packing machine into one completed production line. It can be added to hot-glue machine.

主要技术参数 Main Technical Parameters

装盒速度 Encasing Speed	20-100盒/分(Box/Min)	
纸盒 Box	质量要求 Quality Requirement	300-350g/m ²
	尺寸范围 Dimension Range (L×W×H)	(80-180)×(30-95)×(15-50)mm
说明书 Leaflet	质量要求 Quality Requirement	70-80g/m ²
	未折叠尺寸范围(1-4折) Unfolded Leaflet Specification(1-4 Fold)	(130-240)×(90-180)mm
压缩空气 耗气量 Air Consumption	≥0.16m ³ /min 0.6mpa	
主电机功率 Motor Power	1.5kw 220V 50HZ	
外形尺寸 Machine Dimension (L×W×H)	3200×1150×1700mm	
整机净重 Machine Net Weight	1400kg	

注意：数据如有更改，恕不另行通知！(Notes: If any change of data, we will not notify further.)

Automatic Carton Packing Machine 自动装箱一体机



扫描二维码
了解产品动态视频



概述 Introduction:

自动装箱一体机600是我公司在吸取外国技术结合研发的新产品，可以连接捆包、三维、热收缩等机器，后端可直接连打包和码垛，实现完整的后包生产线。该设备采用全铝高端先进设计，采用进口电气元件、PLC人机界面操作，具有自动开箱，自动装箱，自动封箱等功能，使设备运行过程更稳定方便，在药品，食品，化妆品行业均可使用。

Automatic carton packing machine model 600 is a new product developed by our company in combination with foreign technologies. It can be connected with bundling machine, cellophane wrapping machine and shrink packaging machine. The back can be directly connected with packing and palletizing machine to achieve a complete backpacking production line. The equipment adopts all aluminum high quality advanced design, using imported brand electrical components, PLC man-machine interface operation, with automatic unpacking, automatic packing, automatic sealing and other functions, so that the operation process of the equipment becomes more stable and convenient.

主要技术参数 Main Technical Parameter

机 型 Type	开箱装箱一体机600 Automatic carton packer 600
生产能力 Practical capacity	1-5箱/分钟carton/min (视动作数量而定 depending on the number of actions)
纸箱尺寸 Carton size	最小值 Minimum 300×180×150mm
	最大值 Maximum 650×430×350mm
被包装物尺寸 Size of the object to be packed	600×400×320mm
电源/总功率 Power Supply/Total Power	380V/三相 three phase/50Hz 7.5kw
压缩空气 Compressed Air Pressure	<0.2m ² /h 0.6Mpa
外形尺寸 Dimension (L×W×H)	4580×2150×2800mm
重 量 Weight	2500KG

注意：数据如有更改，恕不另行通知！(Notice: If any change of data, we will not notify further.)

Automatic High-Speed Banding Machine 自动高速捆包机



概述 Introduction:

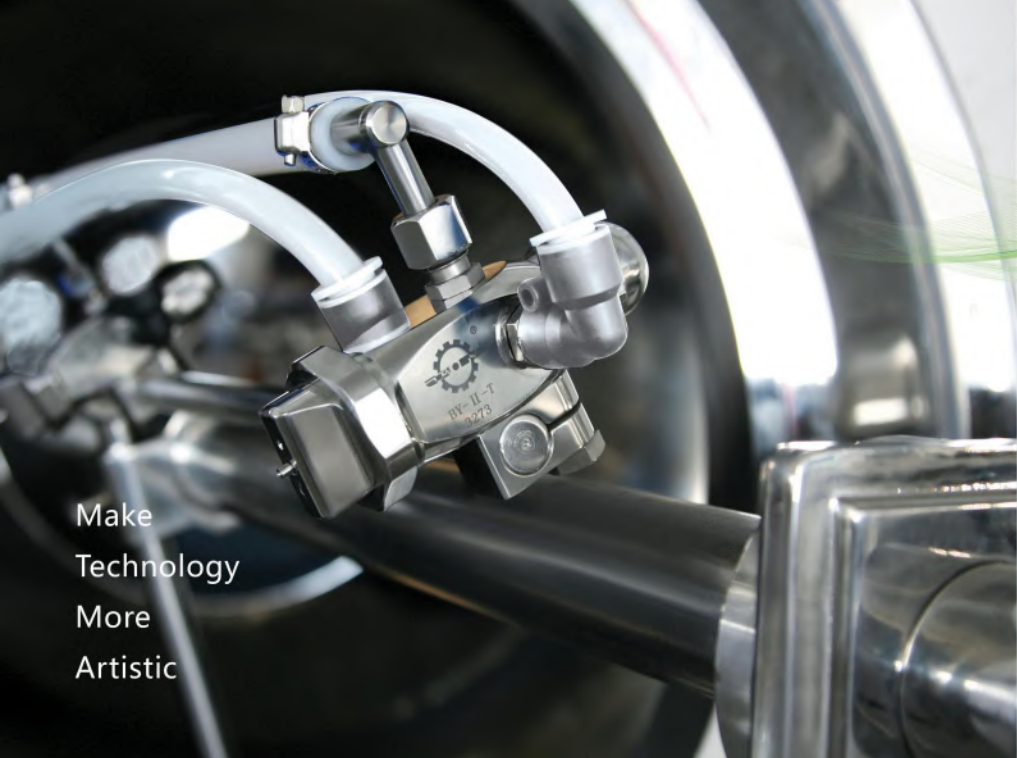
该机填补了制药企业高速装盒后包的空白，并可以连接开箱、装箱、封箱，实现了完整的后包生产线。该设备机身和部件采用全铝高端先进设计，采用进口电气元件，PLC人机界面操作，使设备运行过程更稳定方便，在药品、食品、化妆品行业均可以使用。

The machine has filled in the blank of high-speed cartooning backpacking in pharmaceutical enterprises, and can connect box opening, packing and sealing, realizing complete backpacking production line. The machine body and components adopts all aluminum high quality advanced design, using imported brand electrical components, PLC man-machine interface operation, with automatic unpacking, automatic packing, automatic sealing and other functions, so that the operation process of the equipment becomes more stable and convenient. It is suitable for the pharmaceutical, food and cosmetics industry.

主要技术参数 Main Technical Parameter

项目 Item	型号 Model	KZJ-180K	KZJ-380K	KZJ-500K	KZJ-680K
捆包速度 Banding speed		10-15包/分钟 packages/minute	10-25包/分钟 packages/minute	10-35包/分钟 packages/minute	10-60包/分钟 packages/minute
包装尺寸 Package size		PE膜 (宽度30-80mm, 厚度0.03-0.08mm) PE film (width of 30-80mm, and thickness of 0.03-0.08mm)			
捆包尺寸 Banding size	最大 Maximum	240×150×300mm	240×150×300mm	250×250×300mm	250×250×300mm
	最小 Minimum	50×60×90mm	50×60×90mm	50×60×90mm	50×60×90mm
电源电压 Supply voltage		220v/50hz	220v/50hz	220v/50hz	220v/50hz
总功率 Total power		0.8kw	1.5kw	2kw	3kw
气压 Air pressure		0.5-0.8mpa	0.5-0.8mpa	0.6-0.8mpa	0.6-0.8mpa
输送尺寸 Conveying size		1000×250×800mm	1300×250×800mm	1300×296×840mm	1800×296×840mm
主机尺寸 Main machine dimensions		1000×870×1700mm	1100×800×1600mm	1400×1060×1850mm	1900×1000×1850mm
重量 Weight		400kg	500kg	600kg	980kg

注意：数据如有更改，恕不另行通知 (Notes: If any change of data, we will notify further)



Make
Technology
More
Artistic



让包衣技术更艺术
INDUSTRY +
美学

BG-E SERIES

HIGH-EFFICIENCY INTELLIGENT COATING MACHINE

高效智能包衣机组



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专利号(Patent No.):

ZL02230152.3	ZL02246538.3	ZL03121398.7	201220029134.2	ZL201320810390.X
ZL02235151.5	ZL02256640.6	ZL200420049800.4	ZL201310666717.9	ZL201410018755.4
ZL02235153.1	ZL03242678.X	ZL200530103417.7	ZL201320226950.7	ZL201410018903.2
ZL02246539.1	ZL03244539.3	201210020487	ZL201320227098.5	ZL201420025377.8
			ZL201320805157.2	ZL201420027880.7



概述 SUMMARY:

该产品被列入“浙江省科技星火项目”，通过省级新产品技术鉴定，被推荐为“浙江省名优科技产品”，被国家科技部列为“国家重点新产品”，被评为“温州名牌产品”，并通过欧盟CE标准认证。本机应用于制药、食品、生物制品等领域，可为各种片剂、丸剂、糖果等包制各种有机薄膜、水溶薄膜（在药物方面可实现缓、控释作用）和糖衣，具有整机美观、效率高、耗能低、占地小等优点。

包衣过程无粉尘飞散、无浆液飞溅，改善了作业环境，药片交叉污染小；药片包衣工艺简单，大幅度缩短包衣时间，提高生产效率。采用新型微电脑

The machine has been included in the "Zhejiang Science and Technology Spark Project", has passed the provincial new product technology appraisal, was recommended as "Zhejiang famous technology products", was listed as "national key new products" by the Ministry of Science and Technology, was rated "Wenzhou famous brand products" and has passed the CE standard certification. This machine is used in the fields of pharmacy, food, biological products, etc. It can coating various tablets, pills, candy with organic film, water-soluble film (slow and controlled release effect in medicine) and sugar coating. The machine has the advantages of beautiful appearance, high efficiency, low energy consumption and small floor space etc.

During the film coating process in the major machine, it shows such features as blockage of floating dust and syrup splash, operation condition improvement, little cross contamination to tablets, simple coating process, coating time shortening as

温度及负压模块控制系统。触摸屏图形显示与控制，具有可编程功能，可自动调节流量、负压、进风量、排风量、温度、转速等大部分的工艺参数，使岗位操作法（SOP）的编写数字化，以相同的技术参数生产不同批次的物品，保证各批次物料的包衣质量。并增加了数据储存与打印功能：自动包糖衣、薄膜的十几道工序，并在运转过程中随时修改；可按客户要求配备打印装置，使每一批次生产的工艺参数和工艺流程如实记录。用户可以按自己需要输入批号、药品代号等记录。

well as high production efficiency etc. It adopted a new mini-type computer and a touch screen on which temperature and negative pressure control system are displayed with such programmable functions. automatic adjusting a majority of process parameters as flow, negative pressure, intake, exhaust, temperature, rotational velocity the compile of SOP digitizing. Produce different batches of materials with the same technical parameters to ensure the coating quality of each batch of materials. It adds data storage and printing functions with more than 14 program of film coating, which are modified at any time in the run. The printing device can be equipped the customers' requirement so that the process parameters and process flow of each batch of production can be accurately recorded. The users can input batch numbers and drug codes according to their requests.



糖浆泵 Syrup Pump



专业技术定制喷枪
Professional Technology Customized Spray Gun





滤筒型排风柜 Filter-cartridge exhaust cabinet

用于对主机滚筒进行抽风(附吸尘), 并保持工作区域负压, 该机器内部为滤筒(压缩空气脉冲除尘)结构, 过滤等级可达F9级, 也可根据客户要求高达H13级, 配有减震装置。排风口设有防倒流装置, 在停机前关闭排风口, 防止排风管路中的废气回流。

The cabinet is used to extract the air from the host drum (attached dust collection), keep negative pressure in the work area. The machine is the cartridge (compressed air pulse dust removal) structure. The filtration level F9 can be realized. Based on customer requirements, the filtration level H13 can be realized, and there is damping device. The exhaust outlet is equipped with the backflow preventer. Before switching off the device, close the air outlet to prevent waste gas in the exhaust duct from backflow.



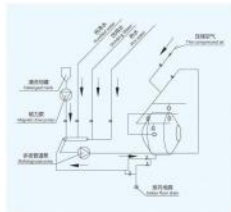
表冷型热风柜 Surface-cooling hot air cabinet

空气经离心风机吸入, 通过初效、中效、表冷除湿、高效过滤器达10万级净化且能吸收空气中的水份, 使吹入的空气干燥, 包衣效果更好, 再通过热交换器(蒸汽或电热), 吹入主机滚筒, 并配有减震装置。

The air is sucked up via the centrifugal fan, and is purified by initial effect, middle effect, and high-efficient filter to realize 100000-level purification and absorb moisture from the air, thus drying the air and achieving better effect. The air passes through the heat exchanger (steam or electric heat) and blows to the host drum. The cabinet is equipped with the damping device.



CIP 清洗系统 CIP Cleaning system



基本工作原理 Basic Working Principle:

片芯在包衣机洁净密闭的旋转滚筒内, 不停地作复杂轨迹运动, 翻转流畅, 交换频繁, 由恒温搅拌桶搅拌的包衣介质, 经过泵的作用, 从喷枪喷洒到片芯上, 同时在热风机和负压作用下, 由热风柜供给的10万级洁净热风穿过片芯, 经由底部筛孔, 再从风门排出, 使包衣介质在片芯表面快速干燥, 形成坚固、致密、光滑的表面薄膜。整个过程在PLC控制下自动完成。

The tablets in drum make complicated and constant track movement with easy and smooth turns, frequent exchanging in a clean and closed drum of the film coating machine. The coating mediums in the mixing drum are sprayed on tablets through the spray gun under the action of the peristaltic pump. Meanwhile under the action of air exhaust and negative pressure, 100,000 clean hot air supplied by the hot air cabinet is exhausted from the bottom meshes through tablets. So these coating mediums on the surface of tablets get dried and form a firm, fine and smooth coated film. The whole process is finished under the control of PLC.

主要技术参数 Main Technical Parameter

项 目 Item	型 号 Model	BG1000E	BG600E	BG400E	BG260E	BG150E	BG80E	BG40E	BG10E
药 载 量 Load Capacity		1000L	800L	400L	250L	150L	80L	40L	10L
滚筒转速 速 / R: Rotation Speed of Coating Pan (RPM)		0-12RPM	1-12RPM	1-13RPM	1-16RPM	1-16RPM	1-16RPM	1-21RPM	1-25RPM
主 机 功 率 Power of Main Machine		7.5Kw	5.5Kw	3Kw	2.2Kw	2.2Kw	1.5Kw	1.1Kw	0.55Kw
包衣滚筒直径 Diameter of Coating Pan		φ1580mm	φ1580mm	φ1580mm	φ1360mm	φ1200mm	φ930mm	φ750mm	φ500mm
热风柜电机功率 Motor of Air Exhaust Cabinet		22Kw	11Kw	7.5Kw	5.5Kw	5.5Kw	3Kw	2.2Kw	0.75Kw
排风机流量 Air Exhaust Flow		20000m ³ /h	15450m ³ /h	10000m ³ /h	7419m ³ /h	7419m ³ /h	5268m ³ /h	3617m ³ /h	1285m ³ /h
热风柜电机功率 Motor Power of Hot Air Cabinet		7.5Kw	5.5Kw	3Kw	2.2Kw	1.5Kw	1.1Kw	0.75Kw	0.37Kw
热风机流量 Hot Air Motor Air Flow		10000m ³ /h	7419m ³ /h	5200m ³ /h	3517m ³ /h	2356m ³ /h	1685m ³ /h	1285m ³ /h	816m ³ /h
主 机 重 量 Weight of Main Machine		4000Kg	2600Kg	1562Kg	1020Kg	684Kg	684Kg	500Kg	200Kg
洁净空气 压力 Pressure		≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa
Clean Air 耗气量 Air Consumption		3.5m ³ /min	2m ³ /min	1.5m ³ /min	1.2m ³ /min	1m ³ /min	0.4m ³ /min	0.4m ³ /min	0.3m ³ /min
外 主 机 Main Machine		2500 × 3100 × 2800mm	2000 × 2277 × 2600mm	2000 × 1570 × 2600mm	1700 × 1440 × 2470mm	1570 × 1260 × 2250mm	1216 × 1000 × 1900mm	1000 × 800 × 1900mm	900 × 620 × 1800mm
过 滤 热 风 柜 Hot Air Cabinet		1700 × 1200 × 2600mm	1600 × 1100 × 2350mm	1600 × 900 × 2300mm	1300 × 900 × 2300mm	1300 × 900 × 2300mm	900 × 800 × 2500mm	900 × 800 × 2300mm	800 × 680 × 1600mm
除 止 排 风 机 Air Exhaust Cabinet		3000 × 1115 × 2400mm	1800 × 1300 × 2470mm	1300 × 1000 × 2200mm	1050 × 1000 × 2200mm	950 × 950 × 2245mm	900 × 820 × 2100mm	820 × 720 × 1750mm	
蒸汽加热功率 Steam Heating Power		40Kw	29Kw	18Kw	14Kw	14Kw	10Kw	9Kw	
电加热功率 Electric Heating Power		120Kw	79Kw	61Kw	48Kw	42Kw	30Kw	24Kw	12Kw

注: 以上参数为供试制滤筒型热风柜(中效初冷)、排风柜(中效初冷)的尺寸

注意: 数据如有更改, 恕不另行通知 (Notice: any change of data, we will not notify further)



搅拌保温桶 (电加热) Agitating and holding tank (Electric-Heating)

恒温搅拌桶采用电加热式, 带气动搅拌器, 以压缩空气为动力, 转速平稳, 无级调速, 将介质搅拌均匀, 在常温 ~ 80℃ 可自动控制, 操作方便, 安全可靠, 全部采用不锈钢制作, 内外表面经镜面抛光。

Thermal stirring drum adopts electric heating type. It is equipped with pneumatic stirrer which is driven by compressed air, stable rotating speed and stepless speed regulating, medium can be stirred homogeneous. It can be controlled automatically at normal temperature to 80℃, easy-operating, safe and reliable. All parts are made of stainless steel, inside and outside is mirror polished.



BG-5H

INTEGRAL HIGH EFFICIENCY COATING MACHINE
一体式高效包衣机



专利号(Patent No.):
201220029135.7
ZL201220029151.6
ZL201220029134.2



BG-20H

INTEGRAL HIGH EFFICIENCY COATING MACHINE
一体式高效包衣机



BG-80H

HIGH-EFFICIENCY INTELLIGENT FILM
COATING MACHINE
高效智能包衣机



包衣锅规格 Coating pan specification:

		12" (300mm)	15" (380mm)	19" (480mm)
BG-5H	包衣锅直径 Coating pan diameter	12" (300mm)	15" (380mm)	19" (480mm)
	锅口直径 Coating pan's im diameter	6" (150mm)	8" (200mm)	8" (200mm)
	工作能力 Working capacity	1L/锅(L/batch)	3L/锅(L/batch)	5L/锅(L/batch)
	搅拌挡板 Mixing guide baffle	4付(Set)	4付(Set)	4付(Set)
BG-20H	片床深度 Tablet bed depth	3" (75mm)	4.5" (115mm)	5.5" (140mm)
	包衣锅直径 Coating pan diameter	20" (520mm)	23" (580mm)	27" (680mm)
	锅口直径 Coating pan's im diameter	11" (280mm)	11" (280mm)	11" (280mm)
	工作能力 Working capacity	5L/锅(L/batch)	10L/锅(L/batch)	20L/锅(L/batch)
BG-80H	搅拌挡板 Mixing guide baffle	4付(Set)	4付(Set)	4付(Set)
	片床深度 Tablet bed depth	5" (120mm)	6" (150mm)	8" (200mm)
	包衣锅直径 Coating pan diameter	27" (680mm)	30" (750mm)	37" (930mm)
	锅口直径 Coating pan's im diameter	15" (380mm)	15" (380mm)	15" (380mm)
BG-80H	工作能力 Working capacity	10L/锅(L/batch)	40L/锅(L/batch)	80L/锅(L/batch)
	搅拌挡板 Mixing guide baffle	4付(Set)	4付(Set)	4付(Set)
	片床深度 Tablet bed depth	6" (150mm)	7" (175mm)	11" (275mm)

主要技术参数 Main Technical Parameter

项 目 Item	型 号 Model	BG80H	BG20H	BG5H
药 载 量 Load Capacity		80L	20L	5L
旋转速度 / 分 Rotor Speed/Coating Pan (RPM)		1-30RPM	1-25RPM	1-30RPM
主 机 功 率 Power of Main Machine		1.5Kw	0.75Kw	0.37Kw
包衣锅直径 Diameter of Coating Pan		φ930mm	φ680mm	φ480mm
排风柜电机功率 Motor of Air Exhaust Cabinet		3Kw	2.2Kw	1.1Kw
排风机流量 Air Exhaust Flow		5268m³/h	3517m³/h	2500m³/h
热风柜电机功率 Motor Power of Hot Air Cabinet		1.1Kw	0.75Kw	0.25Kw
热风柜流量 Hot Air Motor Air Flow		1685m³/h	1200m³/h	504m³/h
主 机 重 量 Weight of Main Machine		1023Kg	625Kg	750Kg
总 功 率 Total Power		14Kw		
电 加 热 Electric Heating		34Kw	14Kw	10Kw
外 形 尺 寸 Main Machine		1200×1315×2230mm	1050×960×1800mm	1380×900×1600mm
过筛热风柜 Hot Air Cabinet		900×820×2130mm		
除尘排风机 Air Exhaust Cabinet		900×820×2130mm	650×600×1800mm	

(注: 数据如有变动, 恕不另行通知) / Notice: If any change of data, we will notify further.)

BG-1000E

HIGH EFFICIENCY INTELLIGENT
COATING MACHINE
高效智能包衣机



BGW-E SERIES

HIGH EFFICIENCY INTELLIGENT PORELESS
FILM COATING MACHINE
高效智能无孔包衣机



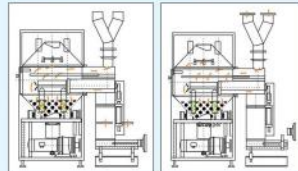
It's a kind of equipment integrating elegance, high efficiency, safety, easy to clean, which is applied for coating traditional Chinese and Western tablets and pills, including the micro pills, granulated pills, small pills, water pills, drip and granulated pills, with sugar, organic film, water soluble film and programmable PLC (Man-machine Interface), with which its operation process and process parameters such as negative pressure and temperature can be automatically controlled. It's easy to operate, with reasonable and advanced process during run of the machine.



用途 USE:

适用于制药、食品、生物等领域的中西药片、丸剂、微丸、小丸、水丸、滴丸、颗粒制丸等包制糖衣、有机薄膜、水溶薄膜和缓、控释包衣；是一种美观、高效、节能、安全、洁净易清洗的机电一体化设备；运行过程及过程中的负压、温度等所有工艺参数由可编程序（PLC人机界面）自动控制，操作简便，工艺先进合理。

工作原理图 Schematic Diagram



主要技术参数 Main Technical Parameter

项 目 Item	型 号 Model	BGW300E	BGW150E	BGW80E	BGW40E
药 载 量 Load Capacity		300L/batch	150L/batch	80L/batch	40L/batch
筒体转速 速 率 Rotation Speed of Coating Pan (RPM)		1-13RPM	1-16RPM	1-19RPM	1-21RPM
主 机 功 率 Main Machine Power		3kw	2.2kw	1.5kw	0.75kw
包衣滚筒直径 Dia. of Coating Pan		1500mm	1280mm	1006mm	825mm
排风机电功率 Motor Power of Air Exhaust Cabinet		7.5kw	5.5kw	3kw	2.2kw
排风机流量 Air Exhaust Fan Flow		10000m³/h	7419m³/h	5266m³/h	3517m³/h
热风机电功率 Motor Power of Hot Air Cabinet		2.2kw	1.5kw	1.1kw	0.75kw
热风机流量 Hot Air Motor Air Flow		3517m³/h	2356m³/h	1665m³/h	1285m³/h
主 机 重 量 Weight of Main Machine		1200kg	1000kg	800kg	550kg
洁净空气 Clean Air	压 力 Pressure	>0.4Mpa	>0.4Mpa	>0.4Mpa	>0.4Mpa
	耗气量 Air Consumption	1.1m³/min	0.7m³/min	0.35m³/min	0.15m³/min

注意：数据如有更改，恕不另行通知 (Note: If any change of data, we will not notify further)

SOFTGEL ENCAPSULATION MACHINE 软胶丸生产线



扫描二维码了解产品动态视频

概述 Introduction:

软胶丸机可将油类液体、混悬液或糊状物定量注入胶囊中，形成大小、形状、色彩各异的密封软胶丸。由于软胶丸具有溶解速度快、生物利用率高、外形精致、易于吞服、不易氧化、便于贮存和携带等优点，越来越受到消费者的欢迎。软胶丸机由于生产率高、装量准确、质量稳定、成品率高而越来越受到厂家的青睐，现已广泛用于医药、保健品、化妆品和游戏彩蛋等领域。

Softgel encapsulation machine can quantitatively inject the oil, mixing suspension and pasty mass into the capsule to form all kinds of softgel encapsulation with different size, shape and color. Because of the merits of high speed disintegration, easy to oral, hard to oxygenation, easy to store and take, the softgel encapsulation is welcomed by more and more costumers. Owing to the high productivity, charging exactly, quality stabilization, high finished product rate, it is favoured by more and more manufacturers and used in the fields of medicine, health products, cosmetic and paintball and so on.



专利号(Patent No.):

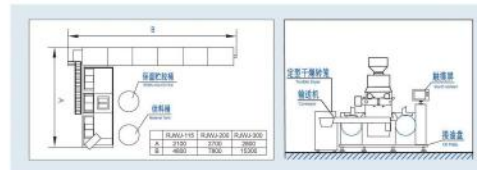
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ZL200620001108.3 201220074155.6

ZL201320226510.1
ZL201320227074.X
ZL201310154703.5

性能特点 Performance and Characteristics:

- 强大的生产能力，每年可生产3.7亿粒（以200C型号为例椭圆形8号，3转/分钟，24小时/天，300天/年）。
- 注药部分采用先进的线性传动系统，保证装量填充精度 $\pm 2\%$ ，胶丸包装完好率高达98%以上。
- 先进的水冷却系统，避免由空气引起的污染。
- 胶皮润滑采用微量供进技术，使耗油量降到最低。
- 若用植物油润滑，可不必洗丸（不印字的情况下）。
- 优质的胶丸传送装置，采用获美国FDA认可的食品输送带，无毒、不粘，易清洁。
- 优化设计的模具，用优质的航空合金材料，高精度的数控加工，特殊的表面处理，确保模具的使用寿命。
- 先进的加工和装配工艺，使整机质量稳定，确保压丸质量稳定，上机率高，丸形好。
- 采用自动供胶、送料系统工程，降低工人的劳动强度，改善工作环境，符合GMP规范。
- 明胶盒内液面自动处于恒定位置，百分表辅助显示胶皮厚度，调节方便准确。
- 本机与药液、明胶接触部分都采用对人体无毒无害且不会有脱落物混入药液中的材料，在设计生产中，充分考虑操作者的安全，以及操作方便和清洗容易。

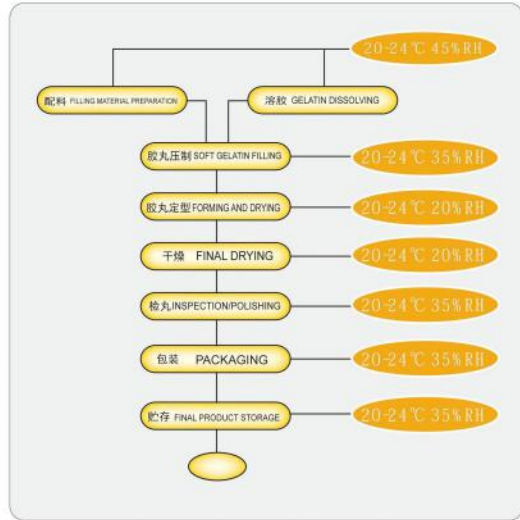
- Strong production capacity, it can produce 370 million granules (Take the 200C for example, No.8 oval shape, 3rpm, 24 hours / day, 300 days/year).
- Medicine injecting part adopts advanced linearity driving system, and ensure that the precision of charging and filling is less than 2%.
- Advanced water cooling system, can avoid pollution caused by air.
- Capsule package rate is up to 98%.
- The lubrication of gelatin sheet adopts minimal quantity oil supply technology in order to minimize oil consumption.
- If the ribbon is lubricated by vegetable oil, so the capsules produced is free of wash.
- High quality capsule deferent equipment adopts food conveyer belt authorized by American FDA, without poison and adhibition and easy to clean.
- Optimized designed mould is made of high quality aviation alloy material by high precision numerical control process to ensure the mould's service life.
- Advanced process and assembly technics make the complete appliance quality stabilization, high working rate, and good shape pill.
- Adopt automatic system project of supplying capsule and material to reduce workers' labor intensity and improve the working environment, which accords with the requirement of GMP.
- The liquid level in the gelatin box is fixed automatically in the constant position, and the centigrade mater display the thickness of gelatin, which is easy and accurate in adjustment.
- The contact part of the machine with the liquid medicine and gelatin is made of a material which is non-toxic and harmless to the human body and does not have any exuviation mixed into medicine solutions. In the design, the operator's safe production is fully considered, and the operation is convenient and easy to clean.



RJWJ-120C

■ 软胶囊工艺流程

Workflow of Soft Gelatin Capsule:



主要技术参数 Main Technical Parameter

项目 Item	型号 Model	RJWJ-115	RJWJ-120	RJWJ-200	RJWJ-300
滚筒转速 Rotary Speed of Die Roll		0-5rpm变频无级调速	0-6rpm变频无级调速	0-5rpm变频无级调速	0-5rpm变频无级调速
流体单粒 Supplying Volume for Flow Single-pillar		0.75-1ml	0.75-1ml	0.75-2ml	0.75-2ml
装量差异 Content Uniformity		±1.5%	±1.5%	±2%	±2%
主机功率 Power for Main Machine		6.5KW	7.5KW	7.5KW	11.5KW
柱数数量 Pillar quantity		8	8	12	24
外形尺寸 Overall Size of Main Machine(L×W×H)		1600×1000×1650mm	1600×1000×1650mm	2100×1100×1800mm	2200×1275×1900mm
主机重量 Weight of Main Machine		1160Kg	1200Kg	1640Kg	2160Kg

注意：数据仅供参考，如有任何更改，恕不另行通知。(Note: If any change of data we will notify you timely.)

■ 胶丸的形状和装量 CAPSULE SIZE & SHAPE

球型 ROUND	1 Round	2 Round	3 Round	4 Round	5 Round	6 Round	7 Round	8 Round	15 Round	20 Round	28 Round	40 Round	60 Round
	 min: 0.75-1.00 cc: 0.040-0.062	 min: 1.2-2.5 cc: 0.071-0.124	 min: 2.2-5.0 cc: 0.138-0.186	 min: 2.8-4.0 cc: 0.171-0.248	 min: 3.2-9.0 cc: 0.197-0.338	 min: 4.5-6.5 cc: 0.250-0.375	 min: 5.0-7.0 cc: 0.338-0.401	 min: 7.5-8.0 cc: 0.437-0.554	 min: 12.0-15.0 cc: 0.740-0.805	 min: 16.5-20.0 cc: 0.825-0.938	 min: 22.0-30.0 cc: 1.355-1.546	 min: 32.0-41.0 cc: 0.871-1.038	 min: 75.0-80.8 cc: 4.312-4.408
橄榄型 OVAL	2 Oval	3 Oval	4 Oval	5 Oval	6 Oval	7 Oval	10 Oval	20 Oval	30 Oval	40 Oval	60 Oval	65 Oval	
	 min: 1.2-2.5 cc: 0.062-0.142	 min: 2.4-3.0 cc: 0.146-0.196	 min: 5.1-6.5 cc: 0.191-0.249	 min: 6.5-8.0 cc: 0.265-0.388	 min: 5.2-6.5 cc: 0.301-0.370	 min: 5.2-7.5 cc: 0.380-0.480	 min: 7.5-10.0 cc: 0.462-0.616	 min: 17.5-20.0 cc: 1.047-1.230	 min: 21.0-30.0 cc: 1.284-1.845	 min: 30.0-40.0 cc: 1.845-2.454	 min: 41.0-60.0 cc: 2.528-3.590	 min: 60.0-65.0 cc: 3.590-4.033	
圆柱型 OBLONG	3 Oblong	4 Oblong	5 Oblong	6 Oblong	8 Oblong	9.5 Oblong	11 Oblong	14 Oblong	16 Oblong	20 Oblong	22 Oblong	34 Oblong	
	 min: 2.5-3.5 cc: 0.142-0.186	 min: 3.5-4.5 cc: 0.186-0.249	 min: 5.5-6.0 cc: 0.301-0.370	 min: 6.5-8.0 cc: 0.380-0.480	 min: 5.5-8.0 cc: 0.480-0.616	 min: 7.5-9.5 cc: 0.616-0.752	 min: 10.5-12.0 cc: 0.847-1.030	 min: 13.5-14.0 cc: 0.770-0.862	 min: 14.0-16.0 cc: 0.862-0.990	 min: 16.0-20.0 cc: 0.990-1.230	 min: 18.0-22.0 cc: 1.138-1.355	 min: 28.0-34.0 cc: 1.732-1.478	
管型 TUBE	5 Tube	6 Tube	8 Tube	17.5 Tube	30 Tube	45 Tube	55 Tube	120 Tube					
	 min: 2.5-6.0 cc: 0.314-0.368	 min: 3.8-6.0 cc: 0.368-0.370	 min: 6.0-8.0 cc: 0.570-0.640	 min: 10.5-17.0 cc: 0.809-1.007	 min: 17.5-20.0 cc: 1.060-1.071	 min: 40.0-45.0 cc: 0.984-0.270	 min: 40.0-55.0 cc: 2.260-3.308	 min: 80.0-120.0 cc: 5.544-7.590					
棒状 SUPPOSITORY	6 Suppository	10 Suppository	40 Suppository	80 Suppository									
	 min: 5.0-6.0 cc: 0.308-0.370	 min: 7.0-10.0 cc: 0.438-0.502	 min: 30.0-40.0 cc: 1.850-2.400	 min: 50.0-60.0 cc: 3.419-4.408									

注：1滴量=0.061毫升
(Note: 1minims=0.061ml)

主要技术参数 Main Technical Parameter

形状 Shape	规格 Model	RJWJ-115		RJWJ-120		RJWJ-200		RJWJ-300	
		模腔数 Number of Cavities	中速生产能力(吨/小时) Capacity of The Medium Speed(Ton/hour)	模腔数 Number of Cavities	中速生产能力(吨/小时) Capacity of The Medium Speed(Ton/hour)	模腔数 Number of Cavities	中速生产能力(吨/小时) Capacity of The Medium Speed(Ton/hour)	模腔数 Number of Cavities	中速生产能力(吨/小时) Capacity of The Medium Speed(Ton/hour)
橄榄形 Oval	4	126	26460	126	31550	481	86580	924	166320
	8	85	15300	85	18360	250	45000	496	89280
	20	52	9360	52	11232	168	30240	336	60480
圆柱形 Oblong	4	92	16560	92	19872	360	64800	888	123480
	8	76	13680	76	16416	297	53460	560	100800
	20	45	8100	45	9720	162	29160	288	51840
球型 Round	8	83	14940	83	17520	245	44100	490	88200

注意：数据仅供参考，如有任何更改，恕不另行通知。(Note: If any change of data we will notify you timely.)

■ 定型干燥转笼 TUMBLE DRYER



▲ 选配: ZL-600 (双层) Option: ZL-600(Double-layer)

用途: Use:

主机压制出来的胶丸, 经输送带送至转笼, 进行定型和干燥。
The capsules pressed from the main machine are transferred to tumble dryer through the conveyor belt for shaping and drying.

功能特点 Characteristics:

- 该机最大优点占地面积小、干燥快。
- 单节转笼配备2个风机, 干燥风量足, 风压强, 风量流通无死角。
- 该机可设计相匹配的除湿系统, 效果更佳。



▲ 单层干燥转笼 Single-layer Tumble Dryer

功能特点 Characteristics:

- 转笼用不锈钢网孔板制成, 每组2节, 每节转笼装有独立传动系统, 能任意顺向(干燥), 逆向(出料)运转;
- 整机按方便清洁、拆卸的思路进行结构设计, 正常维护无需运用工具便可完成, 缩短了设备维护时间, 降低了操作者的劳动强度, 也可非常方便地任意拆装其中任何一节, 而不影响其他各节的正常运转。

- Tumble dryer is made of stainless steel, with 2 sections in each group. Each tumble dryer is provided with an independent transmission system, which can run clockwise (drying) or anticlockwise (delivering materials) at your will.
- The whole machine has been designed according to the idea that it is easy to clean, normal maintenance can be done without any tools, can shorten equipment maintenance time and reduce the operator's labor intensity. Any part of the machine can also be disassembled easily at your will, without affecting normal turning of other tumblers.

主要技术参数 Main Technical Parameter

规格 Item	型号 Model	DGZL-470 (两节)	DGZL-600
笼体尺寸 Size of Tumble Dryer		Φ470×720mm	Φ600×930mm
转笼转速 Rotational Speed of Tumble Dryer		0-50Hz	0-50Hz
电机功率 Motor Power		2×0.37Kw	4×0.75Kw
电机转速 Motor Speed		1345rpm	1420rpm
风机风量 Fan Flowrate		2×2558m³/h	12×660m³/h
有效容量 Effective Capacity		70L	150L
载重量 Loading Capacity		100Kg	200Kg
胶丸数量 Pill Quantity		50000 pills (8 Oval)	200000 pills (8 Oval)
外形尺寸 Overall Dimension		1800×580×1130 mm	2000×840×2000 mm
重量 Weight		260Kg	1600 Kg

注意: 数据如有更改, 恕不另行通知 (Notes: If any change of data, we will notify further.)

■ 配料罐/熔胶罐 DOSAGE TANK GELATIN-MELT TANK



用途 Use:

配制合格的胶液或内容物, 为后续生产胶丸胶皮或内容物做准备。
To confect qualified gelatin solutions before gelatin encapsulation process.

功能特点 Characteristics:

- 三层不锈钢夹套, 精确控制料液的温度。
- 特制的桨叶, 快速搅拌, 物料混合均匀。
- 便于安装和清洁, 出料方便快捷。
- Designed with three stainless steel interlayer, it helps for accurate control of the temperature of medicine liquid.
- Typically designed paddle ensures agitating quickly and mixing uniformly.
- Convenience in installation and cleaning, convenient and efficient material outlet design.

配料罐主要技术参数 Main Technical Parameter

规格 Item	型号 Model	PL-250	PL-450	PL-600
罐内有效容积 Effective Capacity of Inner Tank		250L	450L	600L
夹套有效容积 Effective Capacity of Inner Jacket		65L	95L	120L
工作温度 Working Temperature		室温 (Room Temperature) ~100° C		
搅拌电机功率 Power of Stirring Motor		0.55kw	1.1kw	1.1kw
搅拌转速 Rotate speed of Stirring		60rpm	60rpm	60rpm
罐内许用压力 Pressure of Inner Tank		-0.09-0.1Mpa	-0.09-0.1Mpa	-0.09-0.1Mpa
外形尺寸 Overall Dimensions		Φ806×2400mm	Φ1006×2500mm	Φ1106×2500mm
重量 Weight		335kg	600kg	750kg

注意: 数据如有更改, 恕不另行通知 (Notes: If any change of data, we will notify further.)



▲ 保温贮胶罐 Insulated Gelatin Storage Tank



▲ 列管式冷凝器 Condenser

熔胶罐主要技术参数 Main Technical Parameter

规格 Item	型号 Model	RJ-250	RJ-600	RJ-900
罐内有效容积 Effective Capacity of Inner Tank		250L	600L	900L
夹套有效容积 Effective Capacity of Jacket		65L	120L	170L
工作温度 Working Temperature		室温 (Room Temperature) ~100° C		
搅拌电机功率 Power of Stirring Motor		1.1kw	2.2kw	3kw
搅拌转速 Stiring Speed		35rpm	32rpm	32rpm
罐内许用压力 Pressure of Inner Tank		-0.09-0.1Mpa	-0.09-0.1Mpa	-0.09-0.1Mpa
外形尺寸 Overall Dimensions		Φ806×2400mm	Φ1208×2450mm	Φ1408×2550mm
重量 Weight		345kg	764kg	1100kg

注意: 数据如有更改, 恕不另行通知 (Notes: If any change of data, we will notify further.)

SUPER MIXING GRANULATING AND DRYING UNIT

湿法制粒、干燥机组



专利号(Patent No.):

ZL201510479642.9

概述 Introduction:

该机组是生产中成药、合成药冲剂、片剂胶囊颗粒的理想设备。该设备严格按照制药工业协会“GMP”规范制造；其全部外壳、出料口、管道以及所有与药品接触的部件全部采用不锈钢材料制造。整个工艺操作过程由PLC可编程系统控制，有手动操作控制和自动操作控制。控制系统具备多种应用程序，控制参数全部显示在触摸屏上。操作全部是在密闭状态下，是一种优质高效、可靠、洁净、节能、占地面积少、操作方便符合GMP规范的新型制粒干燥机组设备。

The machine is an ideal equipment for Chinese patent medicine, synthetic drugs granules, tablets granules and capsules granules' production. This machine is produced under the requirement of "GMP". All of its shell, discharge outlet, pipeline and other parts which touch the medicine directly are made of stainless steel. The whole process is completed under the control of PLC, including manual operation and automatic operation. Its control system is equipped with several application programs; all of the control parameters displays on the touch screen, and the work status can be reported and printed. Its working process is completed in a closed state, without dust or thick liquid splashing. It is an efficient, reliable, clean, energy-saving, space-saving and easy-operating equipment, and meets the requirements of GMP.

性能特点 Performance and Characteristics:

- 采用不锈钢材料制造，触摸式PLC电脑控制，操作方便、直观。
- 集混合、制粒、整粒、干燥为一体，物料在密闭的不锈钢容器可一次性完成以上工序，大大提高了生产效率，减少污染环节，降低劳动强度，符合GMP规范。
- 电机全部采用变频无极调速，以满足药品工艺的多样性，采用锥形制粒锅带水冷却夹层和特殊形状的搅拌桨和切割刀，保证制粒成品更均匀、可靠。
- 干燥风机实现变频无极调速，可根据物料的比重，调节合适的风量。
- 设备表面光滑，无死角，易清洗。
- 独创以低位吹热风将物料输送到沸腾干燥机内，避免交叉污染。

- Made of stainless steel, operated by touch screen and controlled by PLC.
- Integrated of mixing, granulating and drying, these process can be finished in the closed stainless container at a time, greatly improve production efficiency, reducing pollution, decreasing labor intensity and in compliance with GMP requirement.
- All motors adopt frequency stepless governing, satisfying diversity of medicine process. Cone granulating pan with jacket of cooling water and special shaped stirring paddle and cutter, ensuring even and stable finished granule.
- Drying fan adopts frequency stepless governing, adjustable air volume for different material proportion.
- Smooth machine surface, no dead angle, easy to clean.
- Original designed hot air blowing in low position, material fed into fluid bed dryer, avoiding cross contamination.

主要技术参数 Main Technical Parameter

型 号 Model	ZLGZ-200	ZLGZ-300	ZLGZ-400	ZLGZ-600
工作容积 Working Capacity	80-120 L	100-180 L	150-240 L	200-360 L
成品粒度 Finished Products Granularity	药(About) $\phi 0.14 - \phi 1.5\text{mm}$ (12目-100目) (12 Mesh-100 Mesh)			
搅拌机 Mixing Motor	15KW	18.5KW	22KW	30KW
搅拌桨转速(变频调速) Mixing Paddle Rotate Speed(Frequency Control)	30-250转/分 RPM	30-220转/分 RPM	30-200转/分 RPM	30-170转/分 RPM
制粒电机 Granulating Motor	4kw	7.5kw	11kw	11kw
制粒刀转速(变频调速) Granulate knife Rotate Speed(Frequency Control)	50-3000转/分 RPM			
沸腾干燥机功率 Boiling drying blower power	22KW	30KW	37KW	45KW
压缩空气 Compressed Air Pressure	0.6立方米 0.7Mpa (用户自配 Self-prepared)			
冷却水接口 Cooling water connector	$\phi 12\text{mm}$			
压缩空气口 Compressed air outlet	$\phi 12\text{mm}$			
高效湿法制粒机尺寸 Granulator Size(L $\times$ B $\times$ H)	1803X2700X2800mm	1803X2800X2800mm	2000X2900X2800mm	3000X2500X3000mm
沸腾干燥机尺寸 Dryer Size(L $\times$ B $\times$ H)	1300X4500X3800mm	1500X4800X4000mm	1800X5000X4200mm	2000X5000X4500mm
高效湿法制粒机重量 Granulator Weight	1100kg	1350kg	1700kg	2100kg
沸腾干燥机重量 Dryer Weight	1930kg	2000kg	2200kg	2600kg

注意：数据如有更改，恕不另行通知 (Notice: If any change of data will not notify further.)



HLSG SERIES

SUPER MIXING GRANULATOR

高效湿法制粒机

专利号(Patent No.):
ZL200420049799.5
ZL201420241792.7
ZL201420240085.6



▲ 可换钢型湿法制粒机
Super mixing granulator (Replaceable Pot)



▲ 颗粒机
Granulation machine

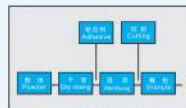
产品说明 Products Specifications:

适用于医药、化工、食品等行业中粉与粉之混合、粉与粘合剂之造粒。本机已通过省级新产品鉴定，并通过欧盟CE标志认证。

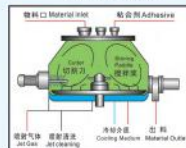
It is suitable for mixing powder and power, granulating powder and adhesive in pharmaceutical, chemical, food and other industries. This machine has passed the appraisal of province-level New products and the certification of CE.



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了解产品动态视频



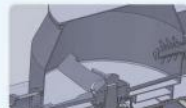
工艺流程图 Flow chart



原理图 SCHEMATIC DIAGRAM



▲ 弧形搅拌桨
curved stirring paddle



▲ 易拆卸式搅拌桨
Easy disassembly type mixing paddle

性能特点 Performance and Characteristics:

- 整机可由程序控制(人机界面-选件)，统一工艺，确保质量稳定，亦可进行手动操作，便于摸索工艺参数和流程。
- 搅拌桨与切割刀均采用变频调速，易于控制颗粒大小。
- 转动轴经充气密封，消除了粉尘粘结现象。带清洗功能。
- 圆锥形料槽，使物料翻滚均匀。槽底为夹层，内置水冷却循环系统，恒温性能比一般气冷系统好，提高了颗粒质量。
- 锅盖自动开启、关闭，出料口与干燥设备相匹配，大型型自带扶梯，便于操作。

- With consistent programmed technology (man-machine interface if option selected), the machine can get assured of stability in quality, as well as easy manual operation for convenience of technological parameter and flow progress.
- Adopt frequency speed adjustment to control the stirring blade and cutter, easy to control the size of particle.
- With the rotating shaft hermetically filled with air, it can prevent all dusts from compact.
- With a structure of conical hopper tank, all material can be in uniform rotation. The tank is laid with an interlayer on the bottom, in which water cooling circulation system featuring higher thermostatic performance than air cooling system is furnished, which leads to improve the quality of particles.
- With automatic lifting of the pan cover, the tank outlet matching with drying device, self-equipped arm-ladder, it is easy to operate.

主要技术参数 Main Technical Parameter

项 目 Item	型 号 Model	HLSG-50H	HLSG-50	HLSG-100	HLSG-200	HLSG-300	HLSG-400	HLSG-600
工作容量 Working Capacity(L)		3-35	12-35	25-70	80-120	130-180	150-240	200-360
每批制料 (机动) 时间 Time of Granulating /Batch		混合约2分钟、制粒约7-14分钟/批 (Mixing: about 2 minutes, Granulation: about 7 minutes/batch)						
搅拌机转速 Rotating Speed of Stirring Paddle(RPM)		0-700	25-500	30-250	30-250	30-220	30-200	30-170
搅拌桨马达功率 Power of Stirring Paddle Motor(KW)		5.5	5.5	7.5	15	18.5	22	30
切割刀转速 Rotating Speed of Cutter		50-3000转/分 (R/M)						
切割刀马达功率 Power of Cutting knife Motor(KW)		1.5	1.5	3	4	7.5	11	11
外形尺寸 Overall Size (L×W×H)(mm)		1925×704×1560	1935×662×1650	2078×702×1800	2268×910×2100	2600×1000×2300	2870×1172×2560	2984×1230×2553
出料口高度 Height of Discharge Outlet(mm)		780	796	796	920	985	985	1162
整机重量 Weight of Machine(kg)		600	584	700	1111	1350	1700	2000

(注意：数据如有更改，恕不另行通知 / Notice: If any change of data, we will not notify further.)



工作原理 Working Principle:

- 整个过程由混合、制粒两个工序组成。
- 粘合剂从锥形料斗进入物料锅，待料斗关闭后在混合釜的搅拌下，粉料在容器内作旋转运动，同时物料沿锥形壁方向变化，逐步生成液桥。在桨叶和筒壁对物料的挤压、摩擦、揉合的作用下，物料逐步转变为润松的材质。然后，开启出料门，湿颗粒在桨叶离心力作用下推动出料。
- 团粒结构的软材料不是通过强制挤压而成粒，而是通过切割刀的切割，软材在半流动状态下被切割成细小而均匀的颗粒，从而达到制粒的目的。

- The whole process consists of two programs including mixing and granulating.
- Powder material can be charged into the material pan from the conical hopper and continue to rotate in the container under the action of mixing blade once the hopper is closed. In the meanwhile, materials change along the direction of the conical wall and gradually generate the liquid bridge. Under the action of extrusion, friction and kneading of the material by the blade and tube wall, the material is gradually transformed into a loose material, and then the discharge door is open. Wet particles push discharging under the centrifugal force of the blade.
- These soft particles are formed not dependent on forced extrusion effects, more exactly; these small and uniform particles are mainly formed after continuous cutting under the similar-liquid state, then achieves the goal of granulation.

NJP-SERIES

AUTOMATIC CAPSULE FILLING MACHINE

全自动胶囊充填机

概述 Introduction:

采用孔塞式充填、间歇式运转、变频调速，适用于粉状或微丸状胶囊剂药品自动完成灌装、分装、充填、(废囊剔除)剔囊、成品输出等工作。

最新结构：全封闭式工作转盘，具有精度高、噪音低、对国产机剂胶囊适应性等特点，其关键部位轴承、电机均选用国际名牌，性能稳定，可达高速运行。与药物接触部分全部采用优质不锈钢精工制造，耐吸尘装置，达到“GMP”规范要求。

It adopts multi-bore dosing, intermittent motion and frequency control. It is suitable for automatically completing capsule feeding, separating, filling, (waste-capsule rejecting), closing, finished product rejecting for powder or micro pill medicine in capsule. Its characteristics are advanced structure, the newest closed rotary turntable, high precision, low noise and best suitable for domestic machine-made capsule, and soon the key parts of the bearing and electrical equipment adopts international famous brand, performance stability and can be run at a high speed.

All parts contacting the medicine powder are made of quality stainless steel, provided dust collector, meets GMP requirements.



▲ 封闭式旋转台
Closed rotary turntable



▲ 封闭式剂量装置
Closed environment of dosing device



▲ 胶囊开关装置
Newest design of device for opening/closing capsule



▲ 充填机构
Newest design of filling device



浙江 江南

性能特点 Performance and Characteristics:

- 体积小，能耗低，更换模具快，操作方便，容易清洗；
- 全封闭式转盘设计，避免了开式老机型因长时间使用而使药粉与送料结。
- 回转部位全封闭，具备良好润滑条件，工作台面无油污，避免了与药物的交叉污染；
- 采用凸轮下置设计，配置了压力雾化油泵，充分保持了凸轮槽内润滑，减少磨损，延长零部件使用寿命。
- 剂量盘周边设有挡板，有效地把剂量盘下平面甩出的药粉通过另一管路回收再利用，同时减少了工作台的粉尘。
- 采用西门子的人机界面，PLC可编程控制器。
- Small volume, low consumption of energy, simplification in changing modules. Easy operating and cleaning.
- A fully enclosed turntable design prevents the machine from sticking to the oil due to long time use.
- The rotating parts are completely closed and have excellent lubricating conditions. No oil stains on the working bench, avoiding the cross pollution with medicines.
- Adopt the design of cam lower location, equipped with pressure atomizing oil pump, maintains the inner lubrication of cam slot to a full extent, reduce abrasion, thus extends the service life of change parts.
- There is a blocking plate around the dose disk, which effectively recycle the powder thrown out from the lower disk of dosing tray through another pipeline and meanwhile reduce the dust on the working table.
- Adopt SIEMENS human-machine interface and PLC programming controller.

主要技术参数 Main Technical Parameter

项目 ITEM	型号 MODEL	NJP-200C	NJP-400C	NJP-800C	NJP-1200C	NJP-2300C	NJP-3500C
产量 Output (粒/分pcs./min)		200	400	800	1200	2300	3500
模孔数量 No. of Segment Bores		2	3	6	9	18	25
适用胶囊 Applicable Capsule		00#-4#	00#-4#	00#-4#	00#-4#	00#-4#	00#-4#
总功率 Total Power		3KW	3KW	4KW	5KW	8KW	10KW
主机重量 Weight of Main Machine		600Kg	700Kg	800Kg	900Kg	1500Kg	1600Kg
主机尺寸 Overall Dimensions (mm)		610×670×1600	730×950×1700	700×900×1800	800×1000×1800	1010×1080×2000	1400×1380×2000

注：数据如有更改，恕不另行通知 (Note: If any change of data, we will not notify further.)

HARD CAPSULE SIZING TREATMENT SEALING MACHINE 硬(液体)胶囊上胶封口机

工作原理Working Principle:

硬胶囊物料从料斗下料后，经定向机构使胶囊帽和胶囊体按同一方向规则排列在输送机构上，胶囊帽和体接合处在经过上胶机构后，由上胶轮自动涂上安全防护胶水（为了保证上胶效果采用二次上胶技术），再经输送机构在往返式输送过程中自然固化，在产品快速干燥后，即达到硬胶囊帽体封口的效果。

After materials of hard capsule are bailed from hopper, capsule caps and capsule bodies are neatly aligned on conveying mechanism along the same direction by positioning mechanism, after passing through sizing treatment mechanism, connection place of capsule cap and capsule body is automatically coated with safety spill-proof glue (adopting secondary sizing treatment technology to ensure sizing treatment effect) by sizing treatment wheels, then they are naturally solidified in process of conveying mechanism's reciprocating conveying and after product is rapidly dried, effect for sealing of hard capsule cap and capsule body will be achieved.

主要技术参数 Main Technical Parameters

型 号 Model	NSF-800	NSF-1600
应用范围 Range of Application	00#, 0#, 1#, 2#, 3#	00#, 0#, 1#, 2#, 3#
生产效率 Production Efficiency	5-6万粒/小时 Water-soluble Sealing Materials 50,000-60,000 Granules/Hour	10-12万粒/小时 100,000-120,000 Granules/Hour
非水溶性封口材料 Non-water-soluble Sealing Materials	4-5万粒/小时 40,000-50,000 Granules/Hour	9-11万粒/小时 90,000-100,000 Granules/Hour
额定功率 Rated Power	5000W	
电 源 Power Supply	380/50HZ	
水溶性胶液温度 Temperature of Water-soluble Glue Solution	30° C-40° C	
环境要求 Environmental Requirements	25° C左右, 湿度45%-75% Around 25° C and Humidity of 45%-75%	
重 量 Weight	1000KG	1100KG
外形尺寸 External Dimensions	2300 × 700 × 1600mm	2300 × 850 × 1600mm

(注意：数据如有更改，恕不另行通知) (Notice: If any change of data, we will not notify further.)



NF-60A/80A AUTOMATIC TUBE FILLING AND SEALING MACHINE 自动灌装封尾机



概述 Introduction:

该机采用PLC编程控制器和全彩工业触摸屏使整机运行程序化，能够完成对油膏、乳膏、凝胶剂及粘度流体进行灌装折边或封尾，打批号(包括生产日期)等工序的全自动作业。是化妆品、制药、食品、粘合剂等行业的铝管、铝管、塑料管、复合管灌装封尾的理想设备。

The machine adopts PLC programming controller and full-color industrial touch screen, which can complete the automatic operation of filling ointment, cream, gel and viscous fluid, folding (sealing), batch number and other processes. It is an ideal equipment for filling and sealing aluminum tubes, lead pipes, plastic pipes and composite pipes in the cosmetics, pharmaceutical, food, adhesive and other industries.



主要技术参数 Main Technical Parameters

型 号 Model	NF-60A	NF-80A
机械速度 Filling Speed	60支/分	80支/分
灌装范围 Filling Range	5-240ml/支	5-240ml/支
灌装精度 Filling Accuracy	±1%	±1%
软管直径 Diameter of Soft Tube	φ10-φ50mm	φ10-φ50mm
软管长度 Length of Soft Tube	50-210mm	50-210mm
软管材料 Tube Material	塑料管、复合管、铝管及铝管 Plastic tube, laminated tube, ALU tube and plumbum tube	
电 源 Power Supply	380V/220V(可选)	380V/220V(Optional)
工作气压 Working Pressure	0.55-0.65Mpa	
电机功率 Motor Power	1.1kw	1.5kw
热封功率 Heat Seal Power	3.0kw	
外形尺寸 Overall Dimension	2000(L) X 950(W) X 1900 (H)mm	2200(L) X 1220(W) X 2400 (H)mm
机器重量 Machine Weight	850kg	1300kg

(注意：数据如有更改，恕不另行通知) (Notice: If any change of data, we will not notify further.)





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了解产品动态视频

该生产线是目前药厂应用最广泛的一款片剂生产线，将粉末状物料倒入湿法制粒机，混合制粒，可得到颗粒状物料再经湿法制粒机自带整粒装置，将个别大块颗粒整粒。物料转移至沸腾干燥，在该机器内沸腾，除去物料内部的水分。干燥的物料与辅料在混合机内充分混合后进入压片机，可得不同大小形状的药片。在包衣机内包上一层薄膜衣或者糖衣，具有改善药片外观、便于储存、提高药品质量稳定性等特点。之后药片选择用平板泡罩机或者辊板泡罩机做成药板包装，可选择铝塑、铝铝、铝塑铝三种不同的包装形式。装盒机的作用是自动将药板和说明书装入药盒，包括说明书自动折叠、药板和说明书进盒、开关盒等动作均智能化控制。之后药盒可选择捆扎包装或者三维包装成一组，经开/装/封箱一体机自动实现纸箱的開箱，装箱，封箱等动作。

本联线可根据客户自身生产需求继续对接延伸，实现药品包装自动化生产，将人为误差控制在最低限度，防止药品在包装过程中受污染导致质量下降，保证药品包装生产过程完全符合GMP的规范，既能灵活对接又节省人工成本。

This solid preparation production line is one of the most widely used line in pharmaceutical industries at present. The powder material can be poured into the super mixing granulator for mixing and granulation, and the granulated material is treated in the super mixing granulator with the granulation device to get large particles. The materials can be transferred to fluid bed dryer and boiled in the machine for removal of moisture in the material. Dry materials and accessories can be poured into the tablet press machine after fully mixing in the mixer, to get tablets with different sizes and shapes. The film coating and sugar coating can be finished in the coating machine, which can improve tablet appearance, it is easy to store and enhance medicine quality stability. The tablet can be packaged with plate type blister packing machine or roll type blister packing machine, and aluminum plastic, aluminum-aluminum, and aluminum-plastic-aluminum types can be selected. The cartoning machine can be used to put the medicine plate and leaflet into the medicine box, including leaflet automatic folding, medicine plate and specification boxing, and enclosing the box. The medicine box can be bundled up by strapping package or 3D shrink film packing machine, and automatically realize unpacking, packing and sealing by carton opening, filling, sealing all in one machine.

The on-line operation can continue docking extension based on customer production demands, and realize automatic production of medicine packaging. The human error can be controlled at the lowest limit to prevent medicine from quality decline due to pollution during packaging process, which can realize flexible docking and greatly save labor costs.

