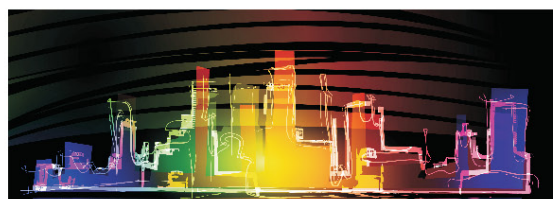


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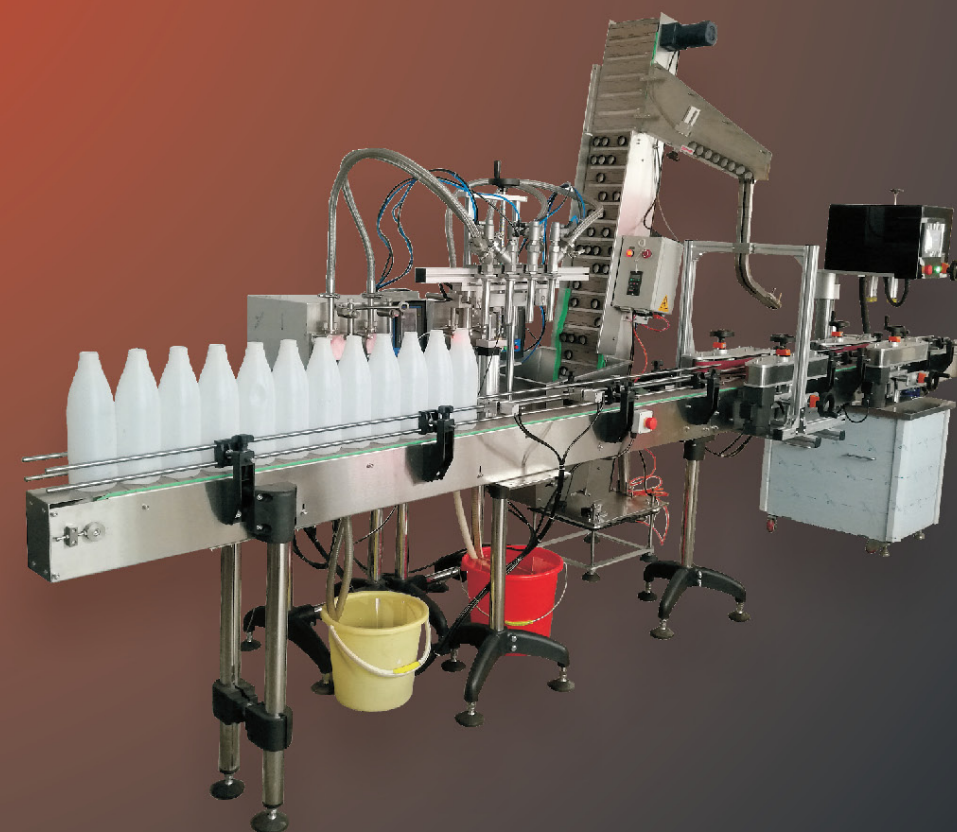
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香港兴邦实业有限公司



SINBON

香港兴邦实业有限公司于2008年在香港成立，致力于智能包装设备的研发设计、生产制造、设备推广和提供自动化产线解决方案。随着国内外业务的发展需要，又先后设立上海裕莘电子有限公司和上海裕航实业有限公司，共同服务于智能机械设备的研发设计、生产制造、设备进出口以及为国内外客户提供技术咨询和售后服务支持等。

兴邦公司配有多处生产研发基地，主要为用户提供各类设备的设计生产及售后技术支持。根据用户的具体需求，提供最合适的解决方案，来协助用户提高生产效率、提升产品质量的控制并降低生产成本。

兴邦公司主营各类灌装机、灌装秤、旋盖机、锁盖机、轧盖机、贴标机、封口机、金属探测机、检针机、除铁器、检重秤、开箱机、封箱机及自动化包装和码垛产线。产品主要用于食品、医药、纺织服装、化工等各行业工厂及实验室。所供设备根据不同需求可实现连线自动化生产或者设备独立工作。

经过多年的发展，兴邦产品远销海内外，在世界绝大多数的国家和地区都有兴邦的设备在工作。兴邦的设备也因其质量优、性能稳定、使用寿命长深受用户的好评。兴邦努力提供最具性价比的设备并根据用户反馈不断优化产品设计来满足用户多样化需求，也真诚期待与您的深化合作！

服务理念：品质第一；优质服务；寻求客户满意！

Hongkong SINBON Industrial Limited was established in 2008 in Hongkong, dedicated to R&D, design, manufacture and promotion sales of intelligent machines and also offer automatic production line solution. Due to domestic and foreign business development, Shanghai Harvest Electronics Co., Ltd. and Shanghai Yuhang Industrial Co., Ltd. were established as subsidiary of SINBON to jointly offer service in the fields of R&D, design, manufacturing, and machinery import and export business, and provide technical consulting and after-sales service support to customers at home and abroad.

SINBON has equipped with multiple production research and development bases, mainly for users to provide various machine design and production and after-sales technical support. According to the specific needs of users, provide the most suitable solutions to assist users in improving production efficiency, improving product quality control and saving production costs.

SINBON offer all kinds of filling machine, drum filling machine, capping machine, labeling machine, induction sealing machine, pouches sealing machine, metal detector, needle detector, metal separator, checkweigher, carton erector, carton sealer and automated packaging and palletizing production lines with related machinery. Our machines are mainly used in factories and laboratories of various industries such as food, medicine, textile and garment, and chemical industry etc. According to different requirements, our machines can realize automatic production online or work independently.

After years of development, SINBON brand machines were working in most countries and regions in the world. SINBON's equipment is popular for its high quality, stable performance and long service life. SINBON strives to provide the most cost-effective equipment and continuously optimizes product design based on user's feedback to meet the diverse needs of users, and sincerely look forward to deepening cooperation with you!

Service Tenet: Quality first; Service highest; Seeking clients' satisfaction



您最友好的合作伙伴
Your friendly partner

Hongkong SINBON Industrial Limited

SINBON CONTENTS

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◎ 齿轮泵灌装机

GEAR PUMP FILLING MACHINE

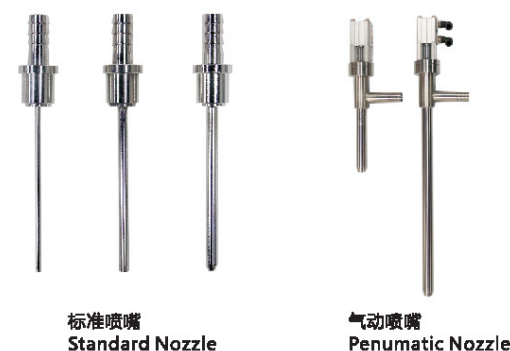
齿轮泵灌装机主要由齿轮泵、驱动电机、编码器、微电脑控制器或触摸屏PLC等部件组成，运用齿轮泵原理，由微电脑控制计量和速度，将液体填充至容器中，计量准确，适用于各种液体的定量分装，主要应用于制药、食品、化妆品、农业、化工等行业，例如果蔬饮料、豆浆、丙酮、戊二醛、洗发水、蜂蜜、糖浆等各类液体定量分装。

产品优势 Product advantages

- 灌装范围大，选用不同齿轮泵可实现0-10L/0-35L/0-70L灌装，单次灌装量可自由设定，适合产品种类多的厂家使用
- 存储多套产品数据，方便客户设定不同的产品参数及快速切换产品
- 采用高精度的齿轮泵，灌装速度快，灌装精度高，灌装精度为 $\pm 0.5\%$
- 齿轮泵为不锈钢的材质，适用各种液体灌装，符合食品、药品的卫生要求
- 齿轮泵设计精巧，无需工具即可快速拆卸彻底清洗零部件，方便快捷又卫生
- 齿轮泵灌装机通过不同的配件组合，可实现各类液体的分装比如高温类、腐蚀类、粘稠类物料分装。
- 采用双速度灌装可先快后慢以达到降低灌装过程中泡沫产生并提高灌装的精度
- 齿轮泵灌装机可单机使用，也可以与自动输送控制系统组成自动化灌装系统
- 整机设计美观小巧，占地空间小，方便移动
- 设备使用寿命长，维护好的设备通常可使用八年以上

产品应用 Product application

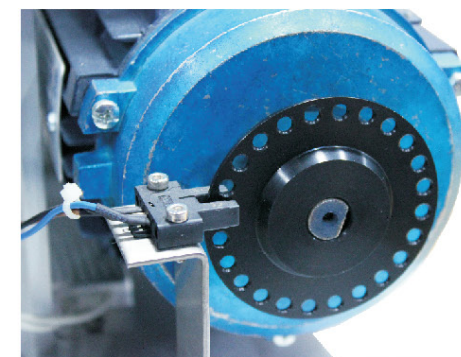
- 适合分装的液体状态：有流动性、无硬颗粒、无大颗粒及无长丝线状物的液体
- 一机多用，特别适合产品种类多、灌装范围大、中小批产量的用户
- 适用于各终端销售门店、实验室、工厂的液体定量分装



标准喷嘴直径4/6/8/10mm适合水剂类易流动的常规液体
Standard Nozzle diameter 4/6/8/10mm for easy flow liquid use
气动喷嘴直径4/6/8/10/12/16/19/22mm适合粘稠类、油类、易渗透液体
Pneumatic Nozzle 4/6/8/10/12/16/19/22mm for oil or viscous liquid

Gear pump filling machine is mainly composed of gear pump, driven motor, encoder, microcomputer controller or touch screen with PLC. Using the principle of gear pump measurement, the microcomputer controls the metering and speed, and filling liquid into containers. The metering is accurate and suitable for Quantitative filling of various liquids. It is mainly used in the pharmaceutical, food, cosmetics, agriculture, chemical and other industries, such as filling vegetable beverages, soy milk, acetone, glutaraldehyde, shampoo, honey, syrup and other liquids.

- Large filling range, 0-10L/0-35L/0-70L filling can be realized by choosing different gear pumps, and the single filling volume can be set freely, which is best choice of manufacturers with many types of products.
- It can preset multiple products parameters in the system menu to facilitate customers' quickly switch products
- Adopting high-precision gear pump, fast filling speed, high filling accuracy, Best filling accuracy can be $\pm 0.5\%$
- Gear pump is made of stainless steel, which is suitable for filling various liquids and meets the hygiene requirements of food and medicine factories
- Gear pump is exquisitely designed and can be quickly disassembled and thoroughly cleaned without tools, which is convenient, fast and hygienic
- Gear pump filling machine can realize filling various liquids such as high temperature, corrosive, and viscous materials through change different machine parts.
- Double-speed filling can be fast-slow filling to reduce bubbles during filling and improve filling accuracy
- Gear pump filling machine not only can be used as a separate machine, but also can be integrated with conveying control system to form an automatic filling line
- The design of the whole machine is beautiful and compact, it take small footprint and convenient to move
- It has a long service life, and the well-maintained equipment can usually be used for more than eight years



精度编码器
Accuracy Encoder



齿轮泵
Gear Pump

新型齿轮泵灌装机 NEW GEAR PUMP FILLING MACHINE

产品型号 Model No.	ELF-100	ELF-100QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	泵体材质 SUS304, 齿轮材质 POM 或特氟龙 Pump material is SUS304 and Gear is POM/Teflon	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	1-20000ml	
最大流量 Max. Flow Rate	≤9L/min.	
设备产量 Production Capacity	100ml: 18BPM; 300ml: 12BPM; 1000ml: 8BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC110V/220V; 50/60Hz; 1Phase; 200W	
电机功率 Motor Power	步进电机 80W Step Motor 80W	
工作环境 Work Environment	环境温度: 常温 10℃-40℃; 环境湿度: 小于 95%, 无水珠凝结 Temperature: 10℃-40℃; Humidity: less than 95%(Non-condensing)	
设备尺寸 Dimension	380x205x310mm	
设备重量 Weight	16KG/21kg	18KG/23kg
包装尺寸 Packing Size	450x290x380mm	
设备材质 Material	SUS304	
操控方式 Control Mode	小触摸屏+脚踏开关 Mini Touch Screen and Foot pedal	
工作模式 Work Mode	自动/手动 Auto/Manual	
适用物料 Filling Liquid	仅适用于流动性非常好的水剂类液体 Only for easy flow liquid like water filling	



数控台式液体灌装机 TABLETOP DIGITAL LIQUID FILLING MACHINE

产品型号 Model No.	DLF-100	DLF-100QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
最大单泵流量 Max. Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 24BPM; 300ml: 16BPM; 1000ml: 10BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	20	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	交流电机 250W AC Motor 250W	
设备尺寸 Dimension	310x480x310mm	
设备净重 Net Weight	20kg	22kg
设备材质 Material	SUS304	
操控方式 Control Mode	液晶显示屏+触摸面板+脚踏开关 LCD display with touch pad and Foot pedal	
工作模式 Work Mode	自动/手动 Auto/Manual	



齿轮泵液体灌装机 GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	DLF-200	DLF-200QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
最大单泵流量 Max. Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 24BPM; 300ml: 16BPM; 1000ml: 10BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	交流电机 250W (伺服电机选配) AC Motor 250W (Servo Motor for option)	
设备尺寸 Dimension	310x480x310mm	
设备净重 Net Weight	20kg	22kg
设备材质 Material	SUS304	
操控方式 Control Mode	触摸屏+脚踏开关 Touch Screen and Foot pedal	
工作模式 Work Mode	自动/手动 Auto/Manual	



大量程齿轮泵液体灌装机 LARGE VOLUME GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	DLF-200QS1	DLF-200QS2
泵体类型 Pump Type	齿轮泵 Gear Pump	大齿轮泵 Big Gear Pump
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 19mm	气动喷嘴 Pneumatic Nozzle Ø 22mm
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-40000ml	10-70000ml
最大单泵流量 Max. Flow Rate	≤10L/45s (based on 90% speed)	≤10L/25s (based on 90% speed)
设备产量 Production Capacity	100ml: 24BPM; 300ml: 16BPM; 1000ml: 10BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	交流电机 250W AC Motor 250W	
设备尺寸 Dimension	310x480x310mm	
设备净重 Net Weight	25kg	27kg
设备材质 Material	SUS304	
操控方式 Control Mode	触摸屏+脚踏开关 Touch Screen and Foot pedal	
工作模式 Work Mode	自动/手动 Auto/Manual	



双头齿轮泵液体灌装机 DOUBLE HEADS GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	DLF-200D	DLF-200DQS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	2	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
单泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 48BPM; 300ml: 32BPM; 1000ml: 20BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	交流电机 250W (伺服电机选配) AC Motor 250W (Servo Motor for option)	
设备尺寸 Dimension	460x480x310mm	
设备净重 Net Weight	36kg	42kg
设备材质 Material	SUS304	
操控方式 Control Mode	触摸屏+脚踏开关 Touch Screen and Foot pedal	
工作模式 Work Mode	自动/手动 Auto/Manual	

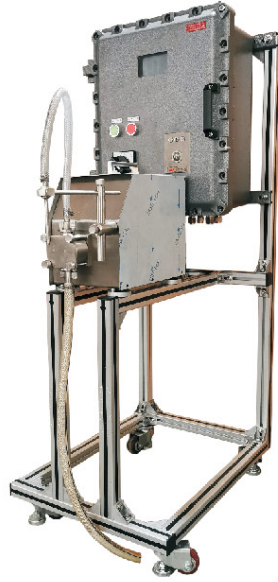
粘稠液体灌装机 VISCOUS LIQUID FILLING MACHINE

产品型号 Model No.	DLF-110QS	DLF-210QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic NozzleØ 19mm	
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±1.0-2.0% (主要受物料的流动性及是否有气泡影响mainly affected by material flow status and whether has air bubbles inside of material)	
灌装量程 Filling Range	10-2000ml (其它量程选配 other filling range for option)	
单泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	50ml: 10BPM; (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	20	60
气源供应 Air Source	0.4-0.8Mpa	
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	交流电机 550W AC Motor 550W	
设备尺寸 Dimension	310x480x330mm	
设备净重 Net Weight	35kg	
设备材质 Material	SUS304	
操控方式 Control Mode	液晶显示屏+触摸面板+脚踏开关 LCD display with touch pad and Foot pedal	触摸屏+脚踏开关 Touch Screen and Foot pedal
工作模式 Work Mode	自动/手动 Auto/Manual	



台式防爆型齿轮泵液体灌装机 EX-PROOF TABLETOP GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	BDF-100	BDF-100QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	1	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
最大泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 约 24 瓶/分 (受物料、灌装量和操作人员熟练度影响) 100ml: about 24bottles/min. (Affected by liquid, filling volume and operator' s skill)	
速度等级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	/	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase	
电机功率 Motor Power	370W	
设备尺寸 Dimension	800x500x1400mm	
设备重量 Weight	65kg	68kg
设备材质 Material	SUS304	
操控方式 Control Mode	小触摸屏+鼠标控制 (防爆脚踏开关选配) Touch Screen+ Mouse Control (Ex-proof pedal for option)	
工作模式 Work Mode	自动/手动 Auto/Manual	
防爆区域 Working Zone	EX level II, group B	
适用物料 Filling Liquid	适用于流动性易燃易爆的液体比如酒精 Suitable for flammable and easy flow liquid filling	



台式齿轮泵注料机 TABLETOP GEAR PUMP FOOD INJECTION MACHINE

产品型号 Model No.	DLF-500
泵体类型 Pump Type	齿轮泵 GEAR PUMP
泵体材质 Pump Material	PE (PTFE for option)
喷嘴类型 Nozzle Type	根据不同的注料芯要求, 可以选配不同的注料嘴 Multiple Filling Nozzles for option based on different filling requirement
料箱容积 Hopper Size	20L (5L,10L,30L,40L for option)
供电电源 Power source	AC220V;50Hz;1P (AC110V;60HZ;1P for option)
外形尺寸 Dimension	400x400x670mm(20L hopper)
净重毛重 Net/ Gross weight	25KG/41KG

产品应用 Product application

DLF-500系列自动定量注料机是一款可以精准定量、自动灌注膏体、半流体、流体原料的先进设备。适用于面包房、蛋糕房、西餐店、咖啡店、食品加工厂等使用。用于各种食品的注芯比如面包、蛋糕、泡芙等, 采用空心针插入产品内部直接把馅料注入到产品内部, 不损坏产品外观; 用于给产品涂层比如蛋糕涂抹奶油等或者做糕点裱花; 用于产品的定量灌装比如灌装蜂蜜等。自动定量注料机能够提高生产效率、统一产品质量, 是面包、蛋糕、点心店必备设备。

产品特点 Product features

- 采用触摸屏操作使工作更加简单、快速、准确
- 基本功能包括手动模式和自动模式: 手动模式下, 操作作用可以自由控制注料的启停; 自动模式下, 既可以实现单次定量灌装, 也可以设定为间隔一定时间自动连续定量灌装
- 设备配有回吸功能避免物料滴漏
- 通过模式切换按钮, 可以方便的在定量注料模式和连续注料模式之间来回切换。
- 三种控制方式包括: 脚踏 (手握) 控制、光电感应控制、外部信号控制供选择
- 选配不同的出料头, 可以适用于定量灌装、涂层、裱花等各种用途
- 可选配自动输送系统, 组成在线自动注料设备实现自动化生产
- 整机不锈钢结构, 小巧方便移动

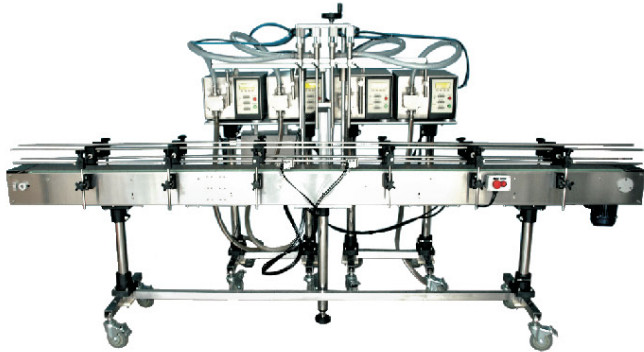


DLF-500 series automatic quantitative injection machine is an advanced equipment that can accurately quantify and automatically inject paste, semi-fluid and fluid raw materials. Suitable for use in bakeries, cake shops, western restaurants, coffee shops, food processing plants, etc. Filling cores for various foods such as bread, cakes, puffs, etc., use hollow needles to insert the inside of the product and directly inject raw materials into the product without damaging the appearance of the product; used to coat the product such as cake with cream or other Pastry decoration; for quantitative filling of products such as filling honey to bottles. Automatic quantitative filling machine can improve production efficiency and uniform product quality. It is an essential equipment for bread, cake and dim sum shops.

- Touch screen operation makes work easier, faster and more accurate
- The basic functions include manual mode and automatic mode: in manual mode, the operation can be freely controlled to start and stop the injection; in automatic mode, both single-time quantitative filling and automatic continuous quantitative filling can be set at a certain interval.
- The equipment is equipped with a suction function to avoid material dripping
- Through the mode switch button, you can easily switch back and forth between quantitative injection mode and continuous injection mode.
- Three control methods include: foot pedal (hand grip) control, photoelectric sensor control, external signal control for option
- Optional different filling nozzles can be used for quantitative filling, coating, decorating and other purposes
- Optional automatic conveying system to form online automatic injection equipment for automatic production
- Complete stainless steel structure, compact and easy to move

自动液体灌装机ONLINE LIQUID FILLING MACHINE

产品型号 Model No.	DLF100-2H	DLF100-4QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	标准喷嘴 Standard Nozzle Ø 10mm	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	2	4
瓶底灌装 Bottom Filling	无此功能 Without this function	包含此功能 Included this function
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
单泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 40BPM; 300ml: 30BPM; 1000ml: 18BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	100ml: 60BPM; 300ml: 45BPM; 1000ml: 26BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	20	
气源供应 Air Source	0.4-0.8Mpa	
电源供应 Power Source	AC220V; 50/60Hz; 1Phase; 1.2kw	AC220V; 50/60Hz; 1Phase; 1.6kw
电机功率 Motor Power	齿轮泵驱动电机功率 250W (标配) AC Motor 250W for Driven Gear Pump	
输送机长度 Conveyor Length	2400mm	
适用瓶径 Bottle Size	≤Ø80mm(Ø200mm 选配 for option)	
设备尺寸 Dimension	2400x800x1300mm	
设备净重 Net Weight	120kg	160kg
设备材质 Material	SUS304	
操控方式 Control Mode	液晶屏显示屏+触摸面板 LCD display with touch pad and Foot pedal	
工作模式 Work Mode	自动 Auto	



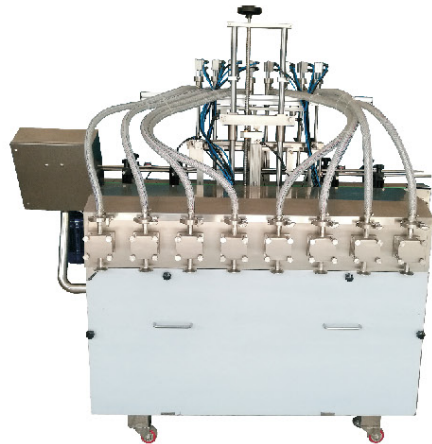
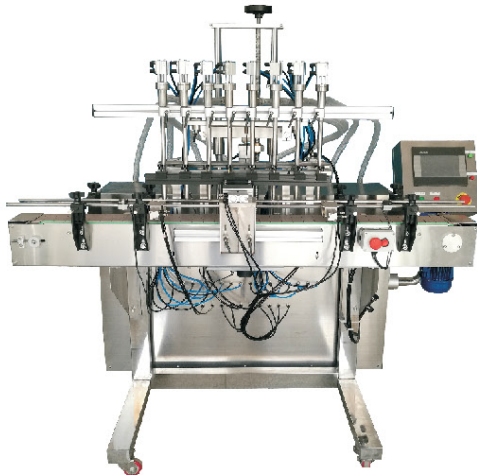
在线齿轮泵液体灌装机 ONLINE GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	DLF200-2QS	DLF200-4QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 19mm	
喷嘴数量 Nozzle Quantity	2	4
瓶底灌装 Bottom Filling	包含此功能 Included this function	
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
单泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 40BPM; 300ml: 30BPM; 1000ml: 18BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	100ml: 60BPM; 300ml: 45BPM; 1000ml: 26BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	60	
气源供应 Air Source	0.4-0.8Mpa	
电源供应 Power Source	AC220V; 50/60Hz; 1Phase; 1.2kw	AC220V; 50/60Hz; 1Phase; 1.6kw
电机功率 Motor Power	齿轮泵驱动电机功率 250W AC Motor 250W for Driven Gear Pump	
输送机长度 Conveyor Length	2400mm	
适用瓶径 Bottle Size	≤Ø80mm(Ø200mm 选配 for option)	
设备尺寸 Dimension	2400x800x1300mm	
设备净重 Net Weight	120kg	160kg
设备材质 Material	SUS304	
操控方式 Control Mode	触摸屏 Touch Screen	
工作模式 Work Mode	自动 Auto	



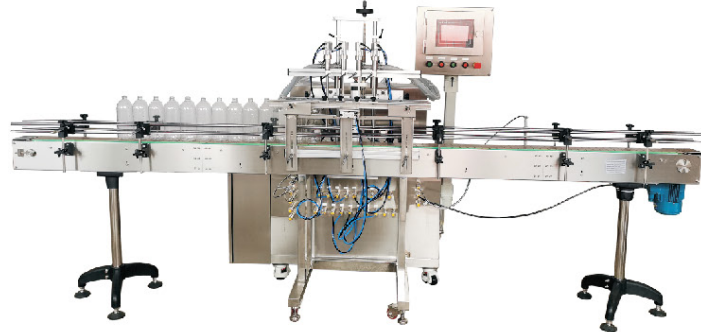
多头在线灌装机 MULTIPLE HEADS ONLINE LIQUID FILLING MACHINE

产品型号 Model No.	DLF200-6QS	DLF200-8QS
泵体类型 Pump Type	齿轮泵 Gear Pump	
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)	
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 19mm	
喷嘴数量 Nozzle Quantity	6	8
灌装精度 Filling Accuracy	±0.5-1.0%	
灌装量程 Filling Range	10-11000ml	
单泵流量 Pump Flow Rate	≤13L/min.	
设备产量 Production Capacity	100ml: 72BPM; 1000ml: 48BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)	100ml: 90BPM; 1000ml: 58BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level	
产品数量 Product Preset	30	
气源供应 Air Source	0.4-0.8Mpa	
电源供应 Power Source	AC220V; 50/60Hz; 1Phase ; 2.6kw	AC220V; 50/60Hz; 1Phase; 3.4kw
电机功率 Motor Power	齿轮泵驱动电机功率 250W AC Motor 250W for Driven Gear Pump	
输送机长度 Conveyor Length	2400mm	
适用瓶径 Bottle Size	≤Ø80mm(Ø200mm 选配 for option)	
设备尺寸 Dimension	2400x800x1550mm	
设备净重 Net Weight	400kg	500kg
设备材质 Material	SUS304	
操控方式 Control Mode	触摸屏 Touch Screen	
工作模式 Work Mode	自动 Auto	
标配功能 Functions	瓶底灌装、倒瓶检测、缺瓶检测、堵瓶检测、防滴漏盘 Filling at bottle bottom, Bottle Fall down detection, Bottle missing or jam detection, Drip collection pan Fdetection, Bottle missing or jam detection, Drip	



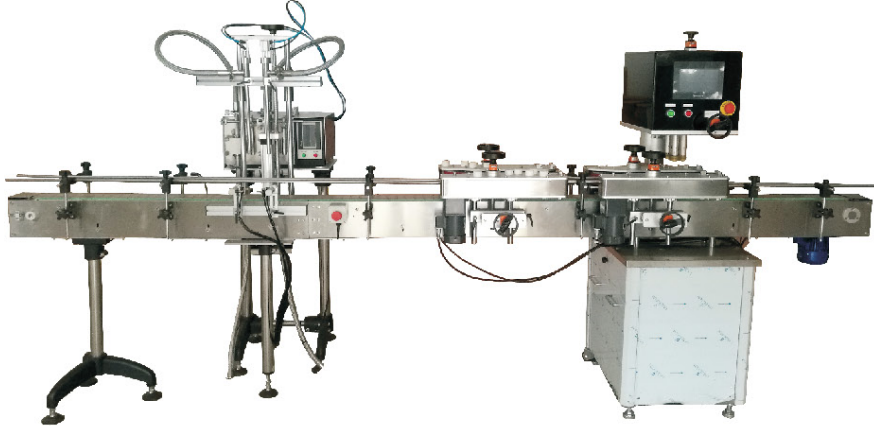
四头防爆在线灌装机 EX-PROOF FOUR HEADS ONLINE LIQUID FILLING MACHINE

产品型号 Model No.	BDF200-4QS
泵体类型 Pump Type	齿轮泵 Gear Pump
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 19mm
喷嘴数量 Nozzle Quantity	4
灌装方式 Filling Mode	瓶底灌装, 边升边灌 Start Filling at bottle bottom, Nozzle rise up at the same time while filling
灌装精度 Filling Accuracy	±0.5-1.0%
灌装量程 Filling Range	10-11000ml
单泵流量 Pump Flow Rate	≤13L/min.
设备产量 Production Capacity	100ml: 60BPM; 300ml: 45BPM; 1000ml: 26BPM (受物料、灌装量等因数影响) (Affected by liquid, filling volume etc.)
速度层级 Speed Level	快-慢, 双速可调 Fast-Slow, Adjustable Double Speed Level
产品数量 Product Preset	30
气源供应 Air Source	0.4-0.8Mpa
电源供应 Power Source	AC220V; 50/60Hz; 1Phase; 1.6kw
电机功率 Motor Power	齿轮泵驱动电机功率 370W AC Motor 370W for Driven Gear Pump
输送机长度 Conveyor Length	2400mm
适用瓶径 Bottle Size	≤Ø80mm(Ø200mm 选配 for option)
设备尺寸 Dimension	2400x1000x1400mm
设备净重 Net Weight	550kg
设备材质 Material	SUS304
操控方式 Control Mode	触摸屏 Touch Screen
工作模式 Work Mode	自动 Auto
防爆区域 Working Zone	EX level II, group B



在线自动液体灌装旋盖机 AUTOMATIC LIQUID FILLING AND CAPPING MACHINE

产品型号 Model No.	DLF200-4QS+SCM300
泵体类型 Pump Type	齿轮泵 Gear Pump
泵体材质 Pump Material	SUS304 (SUS316 选配) SUS304 (SUS316 for option)
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 16mm
喷嘴数量 Nozzle Quantity	4
灌装方式 Filling Mode	瓶底灌装, 边升边灌 Start Filling at bottle bottom, Nozzle rise up at the same time while filling
灌装精度 Filling Accuracy	±0.5-1.0%
灌装量程 Filling Range	10-11000ml
单泵流量 Pump Flow Rate	≤13L/min.
盖子尺寸 Cap Size	Ø 20-80mm
瓶子尺寸 Bottle Size	Max. Ø 90mm, Height: 240mm
最大扭矩 Max. Torque	2kgf/cm2
设备产量 Production Capacity	1200-2100BPH
产品数量 Product Preset	30
气源供应 Air Source	0.4-0.8Mpa; 100L/min.
电源供应 Power Source	AC220V; 50/60Hz; 1Phase;
电机功率 Motor Power	齿轮泵驱动电机功率 250W AC Motor 250W for Driven Gear Pump
输送机长度 Conveyor Length	3600mm
适用瓶径 Bottle Size	≤Ø80mm(Ø200mm 选配 for option)
设备尺寸 Dimension	3600x1000x1400mm
设备净重 Net Weight	550kg
设备材质 Material	SUS304
操控方式 Control Mode	触摸屏 Touch Screen
工作模式 Work Mode	自动 Auto
选配功能 Optional Function	理盖机 Cap Unscrambler



◎ 磁力泵液体灌装机
MAGNETIC GEAR PUMP LIQUID FILLING MACHINE

GZ系列液体灌装机采用磁力齿轮泵计量液体, 核心采用微电脑单片机控制, 结构紧凑, 操作简便, 计量调整准确便捷, 品质可靠寿命长。可广泛用于制药, 食品, 油脂, 日化等, 可灌装绝大类型的易流动液体, 比如: 各种药剂、化学品、油类、化妆品、食品等无颗粒易流动液体。

产品特点 Product features

- 采用不锈钢磁力齿轮泵来输送和计量液体体积, 泵头与电机无轴连接, 不用担心轴封损坏泄漏或泵的负载过高而烧坏电机
- 灌装机能全, 自动手动模式均可操作, 常用的有单头、双头和四头灌装机
- 采用单片机控制和光电计数技术, 灌装范围宽, 计量准确
- 耐腐蚀、全封闭、无污染; 清洗消毒方便
- 可灌装各种类型的易流动液体, 包括高粘稠度但流动性好的液体, 比如各种药剂、化学品、油类、化妆品、食品等无颗粒状液体

GZ series economical liquid filling machine uses a magnetic gear pump as the liquid meter. The core is controlled by a single-chip microcomputer. It has a compact structure, simple operation, accurate measurement and easy adjustment, reliable quality and long service life. It can be widely used in pharmacy, food, oil, daily chemical, etc. It can be filled with most easy-flowing liquids, such as various pharmaceuticals, chemicals, oils, cosmetics, food and other non-particle easy-flowing liquids.

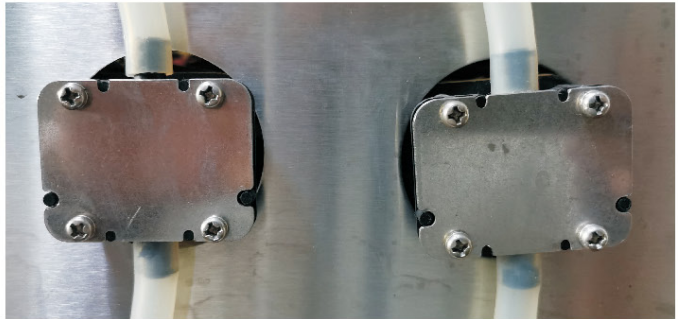
- Using stainless steel magnetic gear pump to transport liquid, pump head connect with motor without roller, don't need to worry broken of shaft seal result in leakage or pump overload to burn the motor
- Full functions, it has auto and manual operation; it has 1/2/4 filling nozzles machine for option; Standard models have single pump, double pumps and four pumps machine
- SCM control, counter, wide filling range, good filling accuracy, the best accuracy is ±0.5%
- Anti-corrosion, full sealed, no pollution, easy to clean and sterilize
- It is suitable for filling all kinds of liquid which liquid viscosity is not more than soybean oil and no granules in liquid



齿轮圈
Peek Gears



磁力泵
Magnetic Gear Pump



微型齿轮泵
Mini Gear Pump

微型齿轮泵液体灌装机 MINI GEAR PUMP LIQUID FILLING MACHINE

产品型号 Model No.	GZ-2P	GZ-4P
泵体类型 Pump Type	微型齿轮泵, 材质 PPS Miniature Gear Pump, Material is PPS	
灌装量程 Filling Range	2ml-9000ml	
单泵流量 Pump Flow Rate	≤3L/MIN.	
灌装精度 Filling Accuracy	±0.5-1.0%	
标准喷嘴 Standard Nozzle	Ø 8mm (Inner Ø 6mm)	
喷嘴数量 Nozzle QTY	2PCS	4PCS
流速控制 Flow Control	2 只电位器调节 Adjusted by 2pcs of potentionmeters	参数设定速度(0-100%) Parameter Setting (0-100%)
速度层级 Speed Level	单一灌装速度 Single Speed Level	
总功率 Total Power	60W	240W
电源供应 Power Source	AC220V; 50Hz; 1P;	
机器尺寸 Dimension	280x250x280mm	450x410x300mm
产品净重 Net Weight	6kg	10kg
设备材质 Material	塑料外壳 Plastic Cover	不锈钢外壳 Stainless steel cover
操控方式 Control Mode	数字显示+触摸按键+脚踏开关 Digital Number Display with touch pad and foot pedal	液晶屏显示+触摸按键+脚踏开关 LCD Display with touch pad and foot pedal

台式磁力齿轮泵灌装机 TABLETOP MAGNETIC GEAR PUMP FILLING MACHINE

产品型号 Model No.	GZ-1HB	GZ-2HB	GZ-4HB
泵体类型 Pump Type	微型磁力泵 Miniature Magnetic Gear Pump		
泵体材质 Pump Material	泵头材质 SUS304, 齿轮 PEEK Pump head material is SUS304 and Gear is Peek		
灌装量程 Filling Range	2ml-9000ml		
单泵流量 Pump FlowRate	≤3L/MIN.		
灌装精度 Filling Accuracy	±0.5-1.0%		
标准喷嘴 Standard Nozzle	Ø 8mm (Inner Ø 6mm)		
喷嘴数量 Nozzle QTY	1PCS	2PCS	4PCS
流速控制 Flow Control	参数设定速度(0-100%) Parameter Setting (0-100%)		
速度层级 Speed Level	单一灌装速度 Single Speed Level		
总功率 Total Power	60W	120W	240W
电源供应 Power Source	AC220V; 50Hz; 1P;		
机器尺寸 Dimension	350x280x250mm		450x410x300mm
产品净重 Net Weight	8kg	10kg	14kg
设备材质 Material	不锈钢外壳 Stainless steel cover		
操控方式 Control Mode	液晶屏显示+触摸按键+脚踏开关 LCD Display with touch pad and foot pedal		



磁力齿轮泵灌装机 MGANETIC GEAR PUMP FILLING MACHINE

产品型号 Model No.	GZ-1HA	GZ-2HA	GZ-4HA
泵体类型 Pump Type	磁力齿轮泵 Magnetic Gear Pump		
泵体材质 Pump Material	泵头材质 SUS304, 齿轮 PEEK Pump head material is SUS304 and Gear is Peek		
灌装量程 Filling Range	50ml-9000ml		
单泵流量 Pump Flow Rate	≤10L/MIN.		
灌装精度 Filling Accuracy	±0.5-1.0%		
标准喷嘴 Standard Nozzle	Ø 15mm (Inner Ø 10mm)		
喷嘴数量 Nozzle QTY	1PCS	2PCS	4PCS
流速控制 Flow Control	参数设定速度(0-100%) Parameter Setting (0-100%)		
速度层级 Speed Level	单一灌装速度 Single Speed Level		
总功率 Total Power	600W	1200W	2400W
电源供应 Power Source	AC220V; 50Hz; 1P;		
机器尺寸 Dimension	470x370x280mm		
产品净重 Net Weight	23kg	26kg	32kg
设备材质 Material	不锈钢外壳 Stainless steel cover		
操控方式 Control Mode	液晶显示屏+触摸按键+脚踏开关 LCD Display with touch pad and foot pedal		



台式蠕动泵灌装机 PERISTALTIC PUMP FILLING MACHINE

产品型号 Model No.:	BT-600CA-DGx1(8)	BT-600CA-DGx2(8)	BT-600CA-DGx3(8)	BT-600CA-DGx4(8)
泵体类型 Pump Model:	蠕动泵 Peristaltic Pump: DGx			
泵体材质 Pump Material	POM+PPS			
滚轴材质 Roller Material	SUS304			
最大吸程 Sucking Height	Max. 4m			
软管型号 Tube/hose No.:	14#/16#/25#			
喷嘴数量 Pump/Nozzle QTY:	01	02	03	04
操控方式 Control Mode	液晶显示屏+触摸按键+ 旋转开关 LCD Display with touch pad and Rotary encoder switch			
电机转速 Speed:	0 ~ 600.0 rpm (in reversible)			
工作模式 Working Mode:	流量/时间/灌装模式 Flow/Timing/Filling			
基本功能 Basic Functions:	全速排空、回吸角度设置、流量校正、时间、环境温度显示 Full speed empty liquid, suck back angle setting, flow volume calibration, time and environment temperature display			
回吸角度 Suck-back Angle:	0 ~ 360° (adjustable)			
灌装模式 Filling Mode:	自动/手动 Automatic/Manual			
最大压力 Max. Pressure:	≤0.17MP, max up to 0.27MP (Hose outlet pressure)			
外控方式 External control:	脚踏开关; 0.5-5V/10V; 4-20mA; RS485 通讯采 MODBUS 通用协议 Foot pedal; 0.5-5V/10V/4-20mA; RS485			
工作环境 Working condition:	0-60℃, 相对湿度小于 85% 0-60℃, the relative humidity is less than 85%			
电源供应 Power source:	AC220V; 60HZ; 1P; 36W (AC110V; 60HZ; 1P for option)			
主机尺寸 Dimension:	304x166x178mm			
产品净重 Net Weight:	4.1-5.1kg			
防护等级 IP Class:	IP31			

产品特点 Product features

- 采用大屏幕真彩液晶图文显示器, 同时具备流量、定时和灌装三种运行功能
 - 具备全速排空、回吸角度设置、流量校正、北京时间、环境温度显示等基本功能
 - 2相四线步进电机驱动, 超大力矩, 可驱动多个蠕动泵头
 - 菜单: 流量运行 (同屏显示转速)、定时运行 (可预约运行)、灌装运行 (接受红外线感应)
 - 运转指令: 面板操作、脚踏开关 (自动识别)、外控 (模拟量信号和通讯协议) 运行三种 (脚踏开关控制启停方式为点动和持续两种状态任意选择, 泵自动识别外接脚踏开关)
 - 旋转编码开关基本操作, 方便实用, 具有声音和文字提示, 无须特别培训
 - 标配: 液晶显示驱动器、泵头、软管 (任选两米)、
 - 选配: 脚踏开关、备用软管、灌装针头、软管接头、防漂浮沉头等
- Using true color LCD screen display, it has flow/speed, timing and filling mode, based on different application to choose different mode
 - It has basic functions such as full speed empty liquid, suck back angle setting, flow volume calibration, time and environment temperature display
 - Menu: flow operation (display flow speed), timed run (run appointment), filling operation (that accept infrared sensing)
 - Operation command: touch panel operation, foot switch (automatic identification), external control (analog signals and communication protocols)
 - Rotary switch basic operation, convenient and practical, with voice and text prompts, no special training
 - Standard configuration: Main machine, pump head, soft tube (2m length)
 - Optional configuration: foot pedal, spare tube, nozzle, anti-float sink top

以下为实验室流量测试结果，仅供参考 Flow rates based on lab test for reference only

BT-600CA	DGx泵头，实验室内清水测试，电机转速0-600rpm DGx pump, speed 0-600rpm; test water in the lab		
软管型号 Hose/tube No.:	14#	16#	25#
软管直径和壁厚 ID x wall thickness	Φ1.6×1.6mm	Φ3.1×1.6mm	Φ4.8×1.6mm
参考流量 Flow rate:	0-150ml/min.	0-450ml/min.	0-593ml/min.
备注 Remark:	流量数据基于常温下实验室用清水测得数据，仅供参考；软管材质、软管尺寸公差、输送物料粘度、吸程、扬程等都会影响实际流量 Flow rate is affected by multiple factors, above lab test results are only for reference		



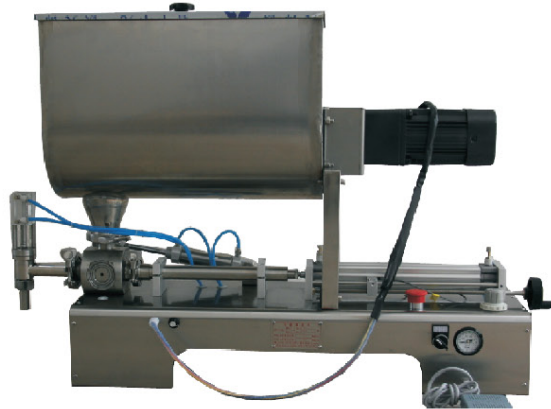
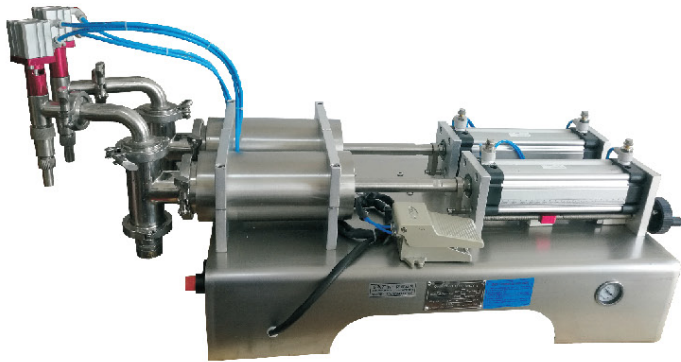
◎ 活塞泵灌装机 PISTON FILLING MACHINE

半自动活塞泵灌装机 SEMI-AUTO PISTON FILLER

设备类型 Product Name	液体灌装机、膏体灌装机、纯气动防爆灌装机 Liquid Filling Machine/Paste Filling Machine/Ex-Proof Pneumatic Filling Machine
泵体类型 Pump Type	活塞泵 Piston Pump
灌装范围 Filling Range	3-30ml/10-100ml/30-300ml/50-500ml/100-1000ml/1000-5000ml (Pneumatic Filling Machine don't have filling range 3-30ml)
供电电源 Power Source	AC220V±5V; 50Hz; 1P, 1A/AC110V±5V; 60Hz; 1P, 1A /No need
气源供应 Air Source	0.4-0.8Mpa
喷嘴数量 Nozzle Quantity	1/2
灌装精度 Filling Accuracy	±1%
设备产量 Production Capacity	60-180BPH/120-360BPH
选配功能 Optional Functions	物料搅拌功能、简易膏体加热功能、1米以下设备支架 Mixer/Simple Heating/Support Frame (height less than 1m)

- 半自动活塞式灌装机通过气缸带动一个活塞来吸取和打出物料，用单向阀控制物料流向，用磁性开关控制气缸的行程来调节灌装量
- 半自动活塞式灌装机结构简单合理，灌装精确度更高，拆洗、操作更加简便
- 物料接触部位均采用 304 不锈钢材料制成，符合GMP 要求
- 气动元件均采用德国 FESTO、台湾 Airtac、SHAKO 等金控气动元件
- 密封部件均采用聚四氟材料 and 硅胶材料，具有耐腐蚀、耐老化、耐高温、密封好等优点
- 半自动活塞式灌装机是食品、制药、化工、日化、油脂、农药等行业填充设备的理想选择

- Semi-automatic piston filling machine uses a cylinder to drive a piston to suck and fill liquid, a one-way valve is used to control liquid flow direction, and a magnetic switch is used to control the stroke of the cylinder to adjust the filling volume.
- Semi-automatic piston filling machine has a simple and reasonable structure, higher filling accuracy, easier disassembly and washing, and easier operation
- Liquid contact parts are made of 304 stainless steel, which meets GMP requirements
- Pneumatic components are all use famous brand parts such as Germany FESTO, Taiwan Airtac, SHAKO, etc.
- Sealing parts are made of PTFE and silicone materials, which have the advantages of corrosion resistance, aging resistance, high temperature resistance, and good sealing.
- Semi-automatic piston filling machine is an ideal choice for filling equipment in food, pharmaceutical, chemical, daily chemical, grease, pesticide and other industries



八头直线型柱塞膏体灌装机 EIGHT HEADS ONLINE PISTON FILLING MACHINE

产品型号 Model No.	HSP-8
泵体类型 Pump Type	活塞泵 Piston Pump driven by Servo Motor
喷嘴类型 Nozzle Type	气动喷嘴 Pneumatic Nozzle Ø 16mm
喷嘴数量 Nozzle Quantity	8
灌装精度 Filling Accuracy	≤±1.0%
灌装量程 Filling Range	100-1000ml (Other range for option)
设备产量 Production Capacity	500ml: 1200-1500BPH
产品预设 Product Preset	05
气源供应 Air Source	0.5-0.8Mpa
电源供应 Power Source	AC380V; 50/60Hz; 3Phases
输送机长度 Conveyor Length	1900mm
输送机高度 Conveyor Height	900±50mm
操控方式 Control Mode	触摸屏 Touch Screen
工作模式 Work Mode	自动 Auto

产品特点 Product features

- 适用于食品、植物油、蜂蜜、果酱、豆酱、糖浆、梨膏、机油、日化品、各粘稠物料及液体的定量分装
- 适用于多规格容器及瓶型的灌装
- 触摸屏和PLC控制系统，操作简单便捷
- 采用伺服电机驱动活塞泵灌装，灌装精度高，并有缺瓶停止灌装功能
- 5组参数存储备份，可调用记忆数据，更换灌装计量更方便
- 配有独立输送系统，采用无级变频调速，运行平稳
- 灌装头采用真空回吸式或接料盘装置确保无污染

- This filling machine is composed of PLC, touch screen, servo motor, photosensor, stainless steel frame etc.; It is designed based on piston filling theory; integrated design and advanced automatic control to ensure high accuracy liquid filling.
- Suitable for quantitative filling of food, vegetable oil, honey, jam, soybean paste, syrup, pear paste, machine oil, daily chemicals, various viscous materials and liquids
- High filling accuracy with widely filling range
- Compact design save installation space
- Special designed location control system to avoid photosensor count wrong
- Special designed Lead screw to ensure rise and down steadily
- Bottle clamp to lock bottle neck to ensure bottle no movement when filling
- Automatic infeed liquid, no need manual intervention
- Touch screen operation system, easy to operate and modify parameters
- Clean and repair convenient and maintenance costs is low
- Optional Automatic self-clean function make clean very simple

◎ 灌装秤
DRUM FILLING MACHINE

产品简介 Brief Introduction

灌装秤是一种用于化工、粮食、农药等行业中针对物料重量定量称量的包装设备，主要有喷枪装置、系统控制单元、电子秤台、机械架构、输送机部分组成，结构完整、性能稳定可靠、安装操作简单，能够针对各种使用现场和生产能力进行调整来满足客户实际需求。广泛应用于食品、饮料、油漆、胶粘剂、树脂、聚氨酯、稀释剂、固化剂、溶剂、助剂、甘油、润滑油及其它危险性化学产品的定量灌装。

产品优势 Product advantages

- 可实现物料定量精准灌装，保证产品出厂品质一致
- 可满足不同桶型的定量灌装和产品品种多样化的需求
- 灌装量可根据实际需求自主设定
- 相比传统手工灌装可大幅度提高生产效率
- 设备简洁简单，方便日常的保养工作

产品特点 Product features

根据不同机型设计，设备具备部分或者全部以下功能：

- 多级灌装：设备的灌装速度可分为两级（快/慢）或者三级（慢/快/慢）速度灌装来大幅度提升灌装精度
- 节流装置：防止灌装低粘度物料时因给料泵的初始压力大导致的物料飞溅现象
- 滴漏防护：高粘度型喷枪解决了高粘度产品灌装中的滴漏现象；低粘度型喷枪则配备防滴漏的滴油杯
- 快速更换：输送管路均采用快拆接头进行连接，方便喷枪等快速更换
- 灌装模式：可选桶口上灌装、桶口内液面上灌装和液面下灌装，用户可以根据物料起泡程度自行设定喷枪提升速度
- 架构牢靠：物料接触件均采用304不锈钢材质，其它非接触件为碳钢喷漆结构
- 连锁防护：系统设置撞桶保护、空桶零区、允差保护、秤台刹车等多重防护来确保操作安全
- 操作简单：一键式灌装，净重/毛重式、自动/手动式等功能模式自由切换
- 安装便捷：只需将设备规定在地上，连接物料管道、接通正确的电源和气源便可以使用、
- 数据统计：重量累计、计数累计、可选配与计算机连接实现数据管理便利化
- 自动对孔：圆形容器的充填口多为偏心孔，配备本装置可解决人工对孔的不便
- 人机界面：部分机型配备触摸屏终端可便捷设定灌装参数，可进行秤的标定
- 防爆系统：可选配整体铸铁铝隔爆级电控箱，防爆等级Exd II BT6，防护等级IP65
- 非标设计：可根据用户现场原料特性及容器尺寸定制设备

Drum Filling Machine is based on weighing scale to measure liquid weight filled into all kinds of containers, such as drum, IBC etc. Widely used in chemical, food, pesticide industries etc.Suitable for filling Coating, paint, printing ink, adhesive, curing agent, resin, dye, detergent, oil, glycerin, lubricating oil, edible oil, essence, solvents, additives, food additives, pesticides and other hazardous chemical products etc.

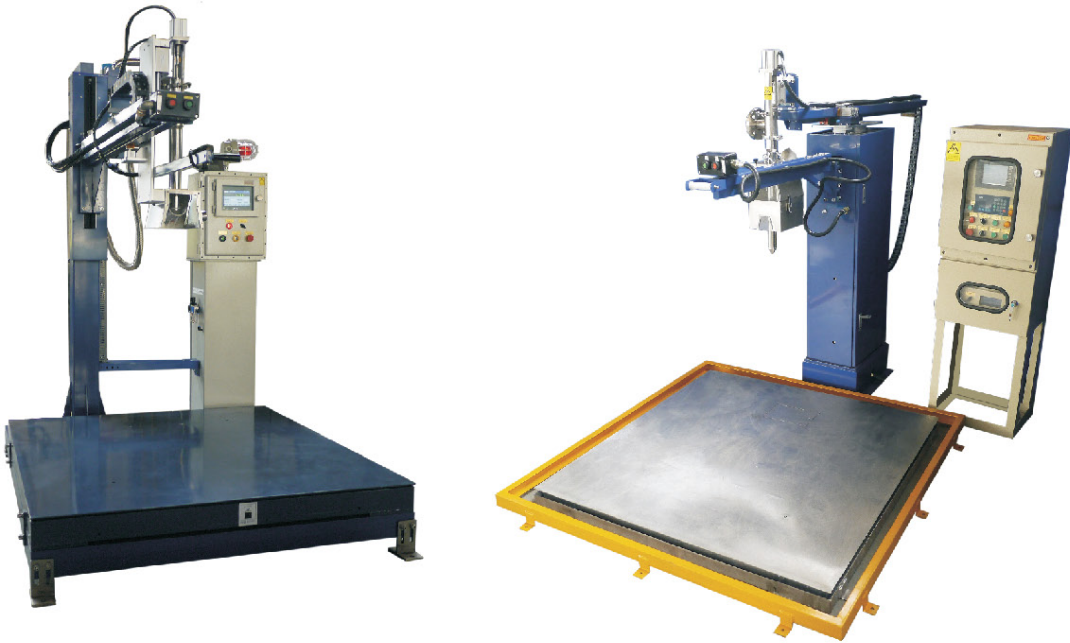
- It can realize quantitative and accurate liquid filling to ensure consistent product quality
- It can meet the needs of quantitative filling of different barrels and diversified product filling
- Filling volume can be preset independently according to actual needs
- Compared with traditional manual filling, it can greatly improve production efficiency
- The equipment is easy to clean, convenient for daily maintenance work

Based on different machine design, machine has some or all of the following functions:

- Multi-level filling: The filling speed can be divided into two levels (fast/slow) or three levels (slow/fast/slow) speed filling to greatly improve the filling accuracy
- Throttle device: prevent liquid splashing caused by the high pressure of the feeding pump when filling low-viscosity liquid
- Drip protection: high-viscosity nozzles solve liquid dripping in the filling of high-viscosity products; low-viscosity nozzles are equipped with drip-proof cups
- Quick replacement: Hoses are all connected by quick-release joints, which is convenient for quick replacement of nozzles, etc.
- Filling mode: Top filling and bottom filling for option. User can set the nozzle lifting speed according to the foaming degree of the liquid.
- Reliable structure: Liquid contact parts are all made of 304 stainless steel, and other non-contact parts are steel painted structure
- Interlocking protection: the system is equipped with multiple protections such as barrel collision protection, tare weight of empty barrel, tolerance protection, brakes on weighing platform etc. to ensure operation safety
- Simple operation: one-button filling, free switching of function modes such as net weight/gross weight, automatic/manual, etc.
- Convenient installation: only need to place the equipment on the ground, connect the liquid infeed pipeline, connect the correct power source and air source, and it can work
- Data statistics: weight accumulation, count accumulation, optional PC connection to facilitate data management
- Auto hole alignment: Drums filling hole is mostly eccentric hole, equipped with this device can solve the inconvenience of manual hole alignment
- Touch Screen: some machines are equipped with touch screen to conveniently preset filling parameters and scale calibration
- Explosion-proof system: optional integral cast iron aluminum explosion-proof electric control box, explosion-proof grade Exd II BT6, protection grade Ip65
- Custom Made: Accept custom made based on customer' s requirementmade based on customer' s requirement



四桶型灌装秤（平台型）DRUM FILLING MACHINE FOR 4 DRUMS ON PALLET (PLATFORM TYPE)		
产品型号 Model No.	ADF-1200L4/BDF-1200L4	ADF-1200D4/BDF-1200D4
灌装枪数 Nozzle QTY	1	
灌装模式 Filling Mode	桶口上灌装 Top Filling	液面下灌装 Bottom Filling
灌装范围 Filling Range	50-1000kg/drum	
灌装容器 Drum Size	托盘上装 200L 桶 X4 或 IBC 吨桶 200L x 4 Drums or 1000L drums on Pallet	
灌装速度 Product Capacity	40-60 桶/小时 40-60BPH	30-50 桶/小时 30-50BPH
灌装精度 Filling Accuracy	±0.1%	
空桶输送机 Infeed Conveyor	无 Without	
灌装秤台 Filling Scale	L1500xW1500mm	
成品输送机 Outfeed Conveyor	无 Without	
锁盖机构 Capping Device	手动锁盖器（选配） Handle Capping Tool for option	
使用电源 Power Source	AC220V;50Hz;1P	
使用气源 Air Source	4-6kg/m2	
防爆等级 EX-Proof Level	ADF-1200L4 不防爆 Not Ex-proof BDF-1200L4 防爆 Ex-proof level : Exd II BT6	ADF-1200D4 不防爆 Not Ex-proof BDF-1200D4 防爆 Ex-proof level : Exd II BT6
设备尺寸 Dimension	L1500xW1850xH2320mm	L1800xW3204xH3180mm



四桶型灌装秤（带输送机）DRUM FILLING MACHINE FOR 4 DRUMS ON PALLET (CONVEYOR TYPE)		
产品型号 Model No.	ADF-1200L4/BDF-1200L4	ADF-1200D4/BDF-1200D4
灌装枪数 Nozzle QTY	1	
灌装模式 Filling Mode	桶口上灌装 Top Filling	液面下灌装 Bottom Filling
灌装范围 Filling Range	50-1000kg/drum	
灌装容器 Drum Size	托盘上装 200L 桶 X4 或 IBC 吨桶 200L x 4 Drums or 1000L drums on Pallet	
灌装速度 Product Capacity	40-60 桶/小时 40-60BPH	30-50 桶/小时 30-50BPH
灌装精度 Filling Accuracy	±0.1%	
空桶输送机 Infeed Conveyor	L1500xW1500mm	
灌装秤台 Filling Scale	L1500xW1500mm	
成品输送机 Outfeed Conveyor	L1500xW1500mm	
锁盖机构 Capping Device	手动锁盖器（选配） Handle Capping Tool for option	
使用电源 Power Source	AC380V;50Hz;3P	
使用气源 Air Source	4-6kg/m2	
防爆等级 EX-Proof Level	ADF-1200L4 不防爆 Not Ex-proof BDF-1200L4 防爆 Ex-proof level : Exd II BT6	ADF-1200D4 不防爆 Not Ex-proof BDF-1200D4 防爆 Ex-proof level : Exd II BT6
设备尺寸 Dimension	L4600xW1960xH2365mm	L4600xW3204xH3180mm



单桶型灌装秤SINGLE DRUM FILLING MACHINE

产品型号 Model No.	ADF-300L1/BDF-300L1	ADF-300D1/BDF-300D1
灌装枪数 Nozzle QTY	1	
灌装模式 Filling Mode	桶口上灌装 Top Filling	液面下灌装 Bottom Filling
灌装范围 Filling Range	50-300kg/drum	
灌装容器 Drum Size	200L 桶 200L Drum	200L 桶 200L Drum
灌装速度 Product Capacity	40-60 桶/小时 40-60BPH	30-50 桶/小时 30-50BPH
灌装精度 Filling Accuracy	±0.1%	
空桶输送机 Infeed Conveyor	L1200xW700mm	
灌装平台 Filling Scale	L700xW700mm	
成品输送机 Outfeed Conveyor	L1200xW700mm	
锁盖机构 Capping Device	手动锁盖器 (选配) Handle Capping Tool for option	
使用电源 Power Source	AC220V;50Hz;1P	
使用气源 Air Source	4-6kg/m2	
防爆等级 EX-Proof Level	ADF-300L1 不防爆 Not Ex-proof BDF-300L1 防爆 Ex-proof level : Exd II BT6	ADF-300D1 不防爆 Not Ex-proof BDF-300D1 防爆 Ex-proof level : Exd II BT6
设备尺寸 Dimension	L3132xW1145xH2078mm	L3132xW1457xH2194mm



小桶灌装秤 FILLING MACHINE FOR SMALL DRUMS

产品型号 Model No.	ADF-30H1/BDF-30H1	ADF-30D1/BDF-30D1
灌装枪数 Nozzle QTY	1	
灌装模式 Filling Mode	桶口上灌装 Top Filling	液面下灌装 Bottom Filling
灌装范围 Filling Range	5-30kg/drum	
灌装容器 Drum Size	20L 桶 20L Drum	
灌装速度 Product Capacity	180-360 桶/小时 180-360BPH	
灌装精度 Filling Accuracy	±0.1%	
空桶输送机 Infeed Conveyor	无 Without	
灌装平台 Filling Scale	L500xW400mm	
成品输送机 Outfeed Conveyor	L1200 x W400mm	
锁盖机构 Capping Device	花篮盖锁盖或平盖压盖 (选配) Crown Capping / Pressing Cap Tool for option	
使用电源 Power Source	AC220V;50Hz;1P	
使用气源 Air Source	4-6kg/m2	
防爆等级 EX-Proof Level	ADF-30H1 不防爆 Not Ex-proof BDF-30H1 防爆 Ex-proof level : Exd II BT6	ADF-30D1 不防爆 Not Ex-proof BDF-30D1 防爆 Ex-proof level : Exd II BT6
设备尺寸 Dimension	L1725xW640xH1500mm	L2241xW710xH2086mm



半自动灌装秤 SEMI-AUTO DRUM FILLING MACHINE

产品型号 Model No.	ADF-5U1/BDF-5U1	ADF-5U1/BDF-5U2
灌装枪数 Nozzle QTY	1	2
灌装模式 Filling Mode	桶口上灌装 Top Filling	
灌装范围 Filling Range	0.1-5kg/drum	
灌装容器 Drum Size	0.25-5L 桶 0.25-5L L Drum	
灌装速度 Product Capacity	360-480 桶/小时 360-480BPH	600-720 桶/小时 600-720BPH
灌装精度 Filling Accuracy	±0.2%	
锁盖机构 Capping Device	手动锁盖器 (选配) Handle Capping Tool for option	
使用电源 Power Source	AC220V;50Hz;1P	AC220V;50Hz;1P
使用气源 Air Source	4-6kg/m2	4-6kg/m2
防爆等级 EX-Proof Level	ADF-5U1 不防爆 Not Ex-proof BDF-5U1 防爆 Ex-proof level : Exd II BT6	ADF-5U2 不防爆 Not Ex-proof BDF-5U2 防爆 Ex-proof level : Exd II BT6
设备尺寸 Dimension	L1250xW650xH1732mm	L1250xW650xH1930mm



锁盖机
CAPPING MACHINE

台式自动灌装旋盖机 TABLETOP AUTO FILLING AND CAPPING MACHINE

产品型号 Model No.	SXF-100	SXF-100I
装量范围 Filling Range	0~100ml	0~150ml
装量精度 Filling Accuracy	≤± 0.5~1% (Depend on filling volume and liquid filled)	
设备产量 Production Capacity	≤40 Bottle/min.	≤20 Bottle/min
供应电源 Power Source	AC220V; 50/60Hz; 1P; 500W	
气源要求 Air Source	0.5~0.7MPa	
外型尺寸 Dimension	L 1150 x W 620 x H 518 mm	L 700 x W 620 x H 800 mm
设备净重 Net Weight	75kg	
标准配置 Standard Functions	触摸屏和 PLC 控制、自动理瓶、星盘定位 Touch Screen and PLC control, bottle unscramble, star wheel	触摸屏和 PLC 控制、星盘定位(3 种瓶子尺寸) Touch Screen and PLC control, 3 different size bottle on the star wheel
功能选配 Optional Functions	1) 液体灌装机 2) 自动理盖机 1) Liquid Filling Machine 2) Auto cap unscrambler	1) 液体灌装机 1) Liquid Filling Machine

产品特点 Product features

- 采用先进的自动化界面，操作简单，参数可以任意调整保存
- 灌装泵可以齿轮泵、蠕动泵、陶瓷泵任意搭配，满足所有液体灌装客户要求
- 灌装旋盖一体，降低设备和人员成本、防止操作疲劳、提高生产效率
- 定量灌装、恒扭力旋盖，产品一致性高
- 最高产量可达到每小时2100瓶
- 适用范围广泛：医药、制药、食品、化妆品、香料、精油、化工等各个行业

- Use advanced automatic interface, simple operation and easy edit parameters
- Multiple measure pumps for option, it can work with gear pump, peristaltic pump and ceramic pump to meet different liquid filling requirement
- Filling and capping functions were integrated together, reduced machine and labor costs, prevent operator's working fatigue and improve production efficiency
- Quantitative filling, constant torque screw cap, finished products can be consistent
- Maximum production can reach 2100 bottles per hour
- Widely used in medicine, pharmacy, food, cosmetics, spices, essential oil, chemical and other industries



台式灌装轧盖机 VIAL FILLING AND CAPPING MACHINE

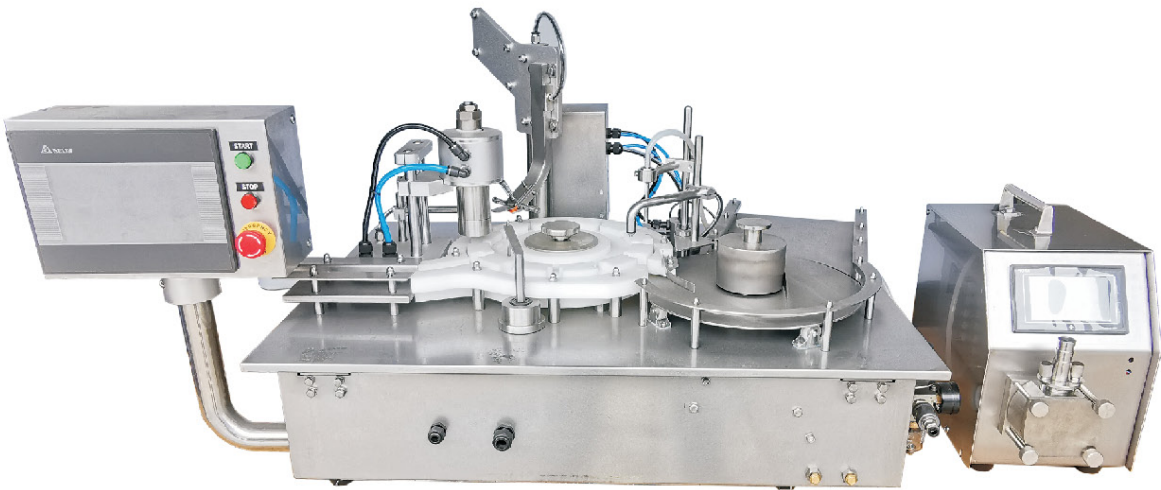
产品型号 Model No.	SXF-200
装量范围 Filling Range	0~100ml
装量精度 Filling Accuracy	≤± 0.5~1% (Depend on filling volume and liquid filled.)
设备产量 Production Capacity	≤30 Bottle/min.
盖子尺寸 Cap Size	13mm / 20mm
盖子材质 Cap Material	铝塑盖或者纯铝盖 Aluminum / AL+Plastic (Flip-off cap)
供应电源 Power Source	AC220V; 50/60Hz; 1P; 500W
气源要求 Air Source	0.5~0.7MPa
外型尺寸 Dimension	L 1150 x W 620 x H 518 mm
设备净重 Net Weight	100kg
标准配置 Standard Functions	触摸屏和 PLC 控制、自动理瓶、星盘定位 Touch Screen and PLC control, bottle unscramble, star wheel
功能选配 Optional Functions	1) 液体灌装机 2) 自动理盖机 1) Liquid Filling Machine 2) Auto cap unscrambler

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产品特点 Product features

- 采用先进的自动化界面，操作简单，参数可以任意调整保存
- 灌装泵可以齿轮泵、蠕动泵、陶瓷泵任意搭配，满足所有液体灌装客户要求
- 灌装旋盖一体，降低设备和人员成本、防止操作疲劳、提高生产效率
- 定量灌装、恒力锁盖，产品一致性高
- 适用范围广泛：医药、制药、食品、化妆品、香料、精油、化工等各个行业

- Use advanced automatic interface, simple operation and easy edit parameters
- Multiple measure pumps for option, it can work with gear pump, peristaltic pump and ceramic pump to meet different liquid filling requirement
- Filling and capping functions were integrated together, reduced machine and labor costs, prevent operator' s working fatigue and improve production efficiency
- Quantitative filling, constant capping, finished products can be consistent
- Widely used in medicine, pharmacy, food, cosmetics, spices, essential oil, chemical and other industries



全自动四轮旋盖机 AUTO STRAIGHT LINE SCREW CAPPING MACHINE

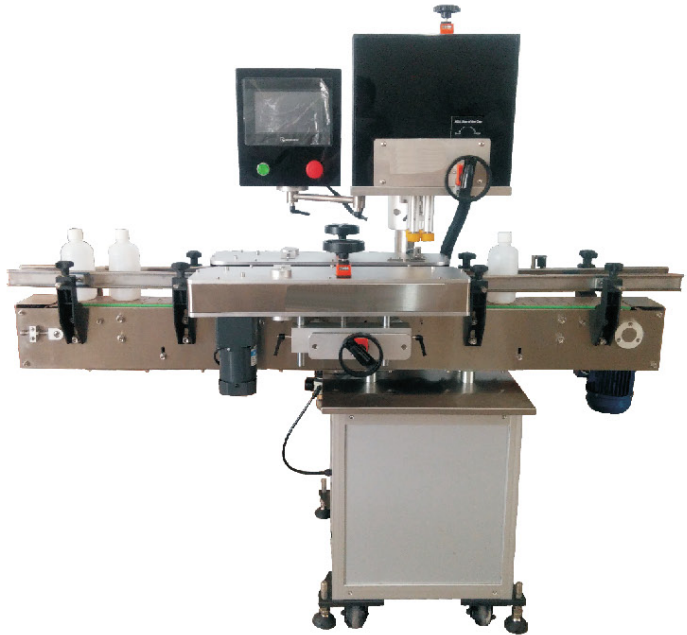
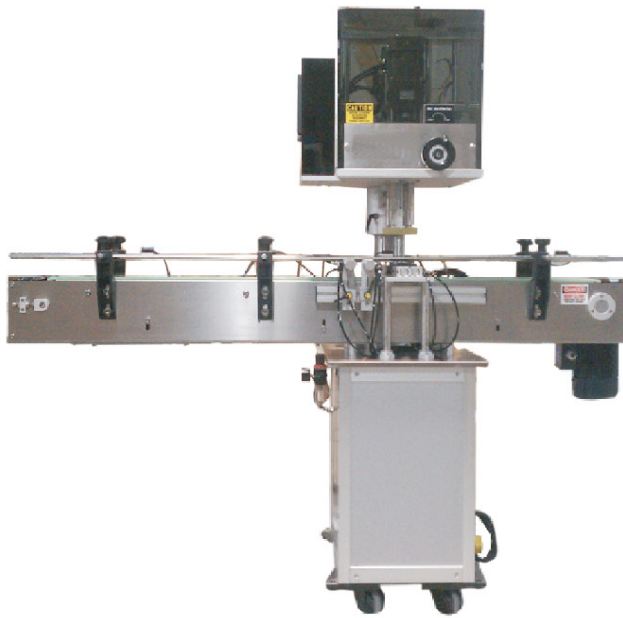
产品型号 Model No.	SCM-300
旋盖控制 Capping Control	单伺服或者双伺服控制 Single Servo or Double Servo System
扭力 Torque	2kgf/cm2
设备产量 Production Capacity	1200-1800BPH
盖子尺寸 Cap Size	20-80mm
最大瓶子尺寸 Max. Bottle Size	Φ90mm x 240mm(H)
供应电源 Power Source	AC220V; 50/60Hz; 1P
气源要求 Air Source	0.4~0.7MPa
外型尺寸 Dimension	L 1600 x W 700 x H 1400 mm
设备净重 Net Weight	350kg
操作显示 Display	触摸屏 Touch Screen
功能选配 Optional Functions	自动理盖机 Auto cap unscrambler

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产品特点 Product features

- 旋盖质量稳定可靠，触摸屏显示，只能控制操作方便
- 瓶身宽度、瓶身高度、手柄任意调节方便、适用于多规格产品旋盖需求
- 根据不同的瓶子直径，四个旋盖头可任意调节
- 伺服电机扭力可调
- 自动感应容器瓶身、有智能欠瓶暂停旋盖保护的功能
- 旋盖时先下压再旋盖，能旋鸭嘴式瓶盖和异形结构瓶盖，产品适用性广

- The screw cap quality stable & reliable, touch screen display, intelligent control is easy to operate
- Four screw capping heads can be adjusted according to bottle and cap size, it is suitable for many different kinds of bottle and caps
- When capping, it will press cap down firstly, then screw capping, suitable for different shape of caps such as long nose pump cap
- Torque of servo motor adjustable
- Automatic detection bottles on capping station, no bottle no capping



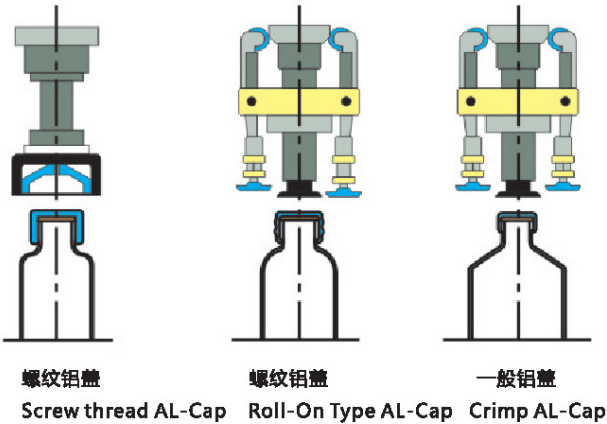
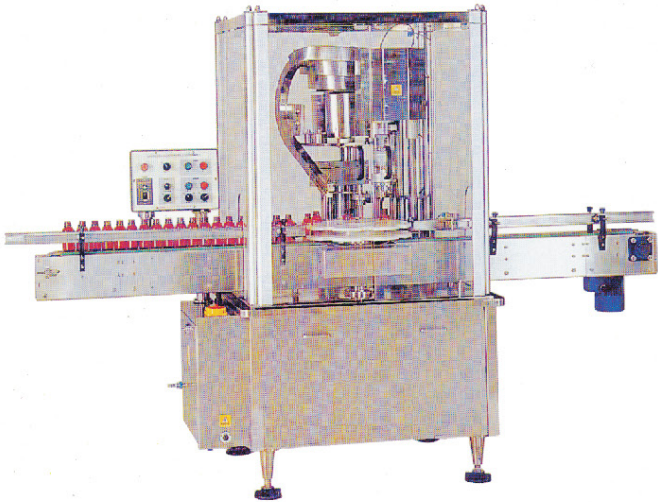
星盘式自动锁盖机 STAR WHEEL AUTO CAPPING MACHINE

产品型号 Model No.	SCM-600
设备产量 Production Capacity	1800-3300BPH
盖子类型 Capping Type	螺纹盖、压螺纹 Screw-On / Al-cap screw type/ Aluminum Roll cap
供应电源 Power Source	AC380V; 50/60Hz; 3P , 1.2KW
气源要求 Air Source	0.4~0.7MPa, 30L/min.
外型尺寸 Dimension	L 2300 x W 880 x H 1730 mm
设备净重 Net Weight	700kg

产品特点 Product features

- 采用星盘定位瓶子和输送，星盘过载或者卡瓶时自动停止运行
- 多点光电传感器检测，无瓶、无盖、瓶子堵塞时暂停工作，恢复后自动运行
- 根据不同的盖子更换锁盖头可实现螺纹盖旋盖、压盖和轧螺纹

- Use Star Wheel locates bottles with interval rotations. Star wheel will automatic stop when over loading or bottle blocked.
- Multiple detection via optical-electro sensors, if lack bottle, without cap or bottle blocked, it will stop work until alarm disappear ,then back to normal work
- Capping heads are changeable for screw capping, press capping or aluminum capping



贴标机
STICKER LABELING MACHINE

立式圆瓶贴标机 VERTICAL ROUND BOTTLE STICKER LABELING MACHINE

产品型号 Model No.	SBXT-2510
贴标速度 Labeling Speed	40-150 件/分 (速度受瓶子及标签尺寸影响) 40-150pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-280mm H: 30-140mm
瓶子尺寸 Bottle Size	Φ 20-280mm H: 40-120mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L2000 x W850 x H1450mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 1.5kw

产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机和报警避免漏贴和浪费标签
- 旋转式滚压瓶体，采用弹性棉皮带使得标签附着更加平整、牢固、无褶皱从而提高贴标品质
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于食品、医药、日化等行业的各种圆形瓶子的自动贴标

- Touch Screen operation system, easy to operate, multi-functions with online help functionStructure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Common diverter is suitable for different diameter of bottles, fast adjustment and locked location
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for all kinds of round bottles sticker label in food, pharma, agrochemical and other industries



定点圆瓶贴标机 FIXED-POINT ROUND BOTTLE STICKER LABELING MACHINE

产品型号 Model No.	SBXT-100
贴标速度 Labeling Speed	20-100 件/分 (速度受瓶子及标签尺寸影响) 20-100pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-300mm H: 10-140mm
瓶子尺寸 Bottle Size	Φ 40-100mm H: 30-200mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L2000 x W1050 x H1600mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 1.5kw

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产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机和报警避免漏贴和浪费标签
- 独特的瓶身三点定位避免直线贴标机贴标时瓶底不规则及瓶身不垂直的误差导致的标签外斜，贴标更精准美观
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于食品、医药、日化等行业的各种圆形瓶子的单双标自动贴标

- Touch Screen operation system, easy to operate, multi-functions with online help function
- Structure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Unique three-point fix to bottle body, avoiding labeling it on skew due to irregular bottle bottom or bottle body out of plumb when use straight line labeling machine, which ensure a precise, artistic and close-knit labeling work
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality
- Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for all kinds of round bottles single or double sticker labeling in food, pharma, agrochemical and other industries



卧式贴标机 HORIZONTAL STICKER LABELING MACHINE

产品型号 Model No.	SBXT-2610
贴标速度 Labeling Speed	80-200 件/分 (速度受瓶子及标签尺寸影响) 80-2000pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-100mm H: 10-80mm
瓶子尺寸 Bottle Size	Φ 16-22mm H: 40-90mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L1800 x W850 x H1600mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 1.5kw

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产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机和报警避免漏贴和浪费标签
- 特殊倾斜式供料及滚轮输送设计，自动定位被贴物品
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于口服液、水针剂、固体胶、电池等直径小无法站立的圆形物体的自动贴标

- Touch Screen operation system, easy to operate, multi-functions with online help function
- Structure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Special designed tilting loading objects and conveying via idler wheels, auto locate objects
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality
- Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for labeling of all kinds of round objects with small diameter and cannot stand up



平面贴标机 PLANE STICKER LABELING MACHINE ON TOP

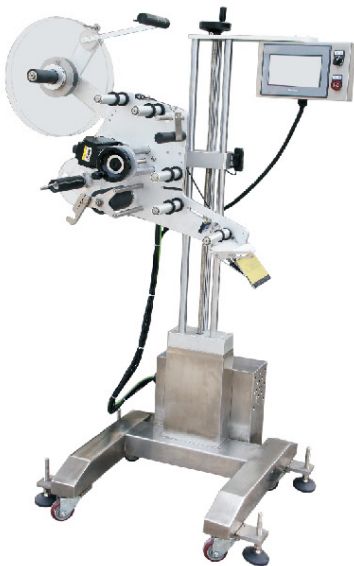
产品型号 Model No.	PM-100
贴标速度 Labeling Speed	40-120 件/分 (速度受瓶子及标签尺寸影响) 40-120pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-300mm H: 20-140mm
物品尺寸 Object Size	L: 20-300mm W: 20-200mm H: 15-200mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L2000 x W550 x H1800mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 1.5kw

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产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机 and 报警避免漏贴和浪费标签
- 适用范围广，更换不同的覆标机构可用于产品宽度30-200mm的产品顶部平面贴标
- 采用三杆调整机构，借助三角形的稳定性，整机坚固耐用调节简单，可快速切换不同的产品贴标
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于食品、日化、医药、文具等行业物品顶部自动贴标

- Touch Screen operation system, easy to operate, multi-functions with online help function Structure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Widely application for 30-200mm width objects auto labeling on top surface via change different label press device
- Use three lever adjustment mechanism based on stability of triangle, easy to change different objects labeling
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for labeling of all kinds of objects top surface in food, pharma, daily chemical industries etc.



分页贴标机 PAGING SEPARATING AND LABELING MACHINE

产品型号 Model No.	PM-100A
贴标速度 Labeling Speed	40-150 件/分 (速度受瓶子及标签尺寸影响) 40-150pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-200mm H: 10-140mm
物品尺寸 Object Size	L: 60-300mm W: 40-200mm H: 0.3-2mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L2200 x W850 x H15200mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 1.5kw

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产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机 and 报警避免漏贴和浪费标签
- 采用真空输送带使物品自动吸附在输送带上避免物品移位达到稳定准确的分页功能
- 分页装置通用适用不同尺寸的片状物，可快速定位各种尺寸片状物的自动分页和贴标
- 贴标速度、输送带速度、分页速度均可进行无极调速设置
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于食品、日化、医药等行业的未成形纸盒、说明书、卡片、包装袋等物品的分页贴标

- Touch Screen operation system, easy to operate, multi-functions with online help function Structure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Use vaccum conveyor belt to sucking objects on it to avoid object move and ensure separate objects stably and accurately
- Common separating device is suitable for multiple size of objects without part change, it can be fast locating and adjusted to auto separating and labeling
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality
- Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for separating and labeling of all kinds of unformed boxes, manual, cards, pouches etc.



双侧面贴标机 DOUBLE SIDE STICKER LABELING MACHINE

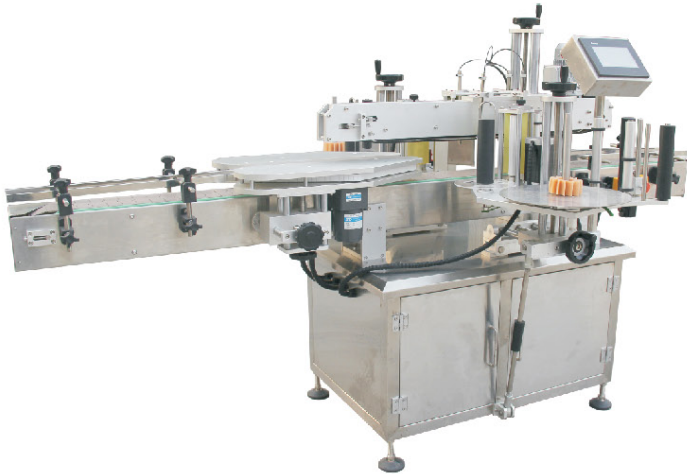
产品型号 Model No.	SBXT-3510
贴标速度 Labeling Speed	40-140 件/分 (速度受瓶子及标签尺寸影响) 40-140pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-300mm H: 10-180mm
瓶子尺寸 Bottle Size	L: 20-300mm W: 40-180mm H: 40-300mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 350mm (最大 Max.)
外型尺寸 Dimension	L2800 x W1450 x H1650mm
供应电源 Power Source	AC220V; 50/60Hz;1P; 2.2kw

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产品特点 Product features

- 触摸屏操作系统，操作简单，具有丰富的多功能在线帮助功能
- 使用知名品牌电机送标速度稳定可靠
- PLC控制系统确保设备运行稳定速度快
- 自动光电检测确保缺瓶、无标、漏标、断标自动自动停机 and 报警避免漏贴和浪费标签
- 通用型分瓶装置，无需更换配件就可以实现不同瓶形的快速调整定位，双侧链条校正装置确保瓶子的对中性
- 整机不锈钢结构，设计紧凑易维护
- 选配打码机可以在线打印日期、批号等
- 本机可以独立运行，也可以连线实现自动化生产
- 适用于食品、医药、日化等行业的各种圆形、方形、扁形瓶子的单双侧面的自动贴标

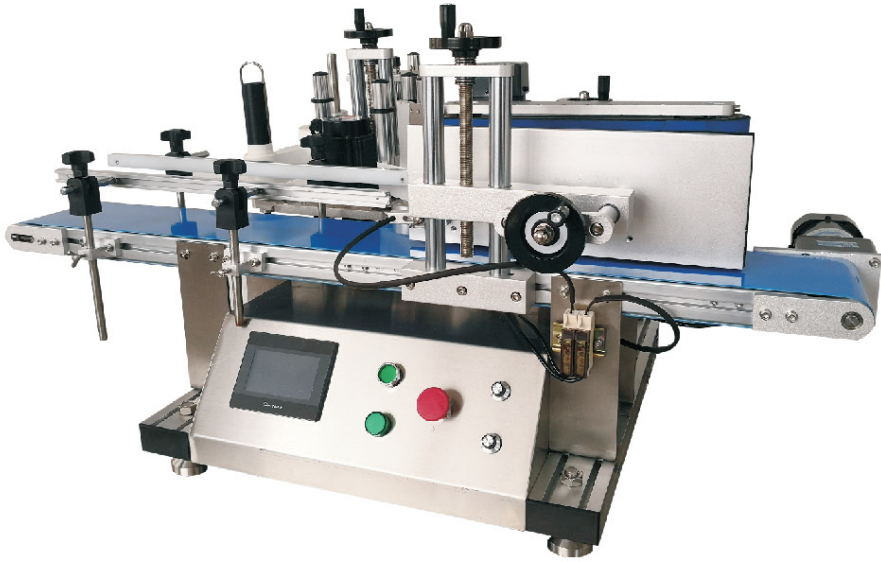
- Touch Screen operation system, easy to operate, multi-functions with online help function Structure designed simple, smart, easy to maintenance
- Use famous brand motor driven, label supply stable and reliable
- PLC control system, the whole machine work stable with high speed
- Common diverter is suitable for different diameter of bottles, fast adjustment and locked location; Double side chain-correction device ensure bottles are symmetrical to centre
- Labeling speed, convey speed, diverter speed can be adjusted.
- Use resilience cotton belt ensure labeling smooth, no fold, improved labeling quality
- Photosensor inspection to ensure no bottle, no labeling; no label, auto correction and alarm
- Coding Machine for option, it can print date, lot No. online.
- It can work separately or connect with other machine online wok
- It is suitable for all kinds of round, square, flat or other shape bottles single or double sidesticker label in food, pharma, agrochemical and other industries



台式自动圆瓶贴标机 TABLETOP AUTO ROUND BOTTLE LABELING MACHINE

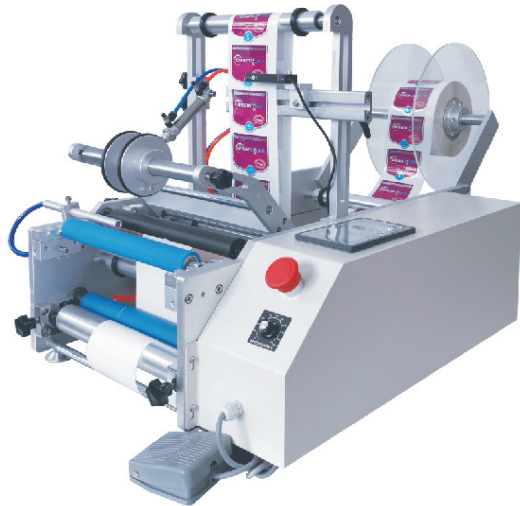
产品型号 Model No.	SBXT-150
贴标速度 Labeling Speed	20-200 件/分 (速度受瓶子及标签尺寸影响) 20-200pcs/min. (Speed will be affected by bottle and label size)
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 25-300mm H: 15-150mm
瓶子尺寸 Bottle Size	Φ 20-140mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 250mm (最大 Max.)
供应电源 Power Source	AC220V; 50/60Hz;1P; 1kw
外型尺寸 Dimension	L1270 x W1000 x H780mm
设备净重 Net Weight	120kg

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台式半自动圆瓶贴标机 TABLETOP SEMI-AUTO ROUND BOTTLE LABELING MACHINE

产品型号 Model No.	SBXT-190
贴标精度 Labeling Accuracy	±1.0mm (不含瓶子和标签尺寸误差) ±1.0mm (Bottle and label size accuracy are not be included)
标签尺寸 Label Size	L: 20-300mm H: 20-230mm
瓶子尺寸 Bottle Size	Φ10-150mm
标签卷内径 Label Roll Inner Size	Φ 76mm
标签卷外径 Label Roll Outer Size	Φ 250mm (最大 Max.)
供应电源 Power Source	AC220V; 50/60Hz;1P; 1kw
外型尺寸 Dimension	L950 x W540 x H530mm
设备净重 Net Weight	45kg
产品应用 Application	用于各种尺寸的圆瓶透明和不透明标签贴标，可以选配打码机 Suitable for multiple size round bottles with transparent or non- transparent labels stick on bottles. Coding printer for option



◎ 电磁感应铝箔封口机
INDUCTION SEALING MACHINE

新型水冷式电磁感应铝箔封口机 NEW WATER COOLING INDUCTION SEALING MACHINE

产品型号 Model No.	DG-3
操控方式 Control Mode	彩色触摸屏 Color Touch Screen
冷却方式 Cooling Type	高速水冷 High Speed Water Cooling
供电电源 Power Source	AC220V±10%;50/60Hz;1P; 20A
输出功率 Output Power	Max. 4000W (adjustable)
封口直径 Sealing Size	Φ15mm ~ Φ140mm (≤Φ300mm 可定制) Φ15mm ~ Φ140mm (≤Φ300mm custom made)
封口速度 Sealing Speed	100-750 瓶/分钟 100-750BPM
加热行程 Heating Head Height	770-1180mm (感应头离地高度可调范围) 770-1180mm (Heating Head to floor adjustable height)
设备尺寸 Dimension	主机 Host: 410mmx460mmx320mm 感应头 Heating Head: 310mmx130mmx190mm 水箱 Water Tank: 520mmx450mmx980mm
整机重量 Net Weight	100kg
产品优势 Advantages	专利设计小巧感应头，可旋转安装，安装空间需求非常小，水箱、主机和感应头可在同款机器上互换售后 服务简单便捷。 Small size heating head design with patent only take small footprint and it can also rotation installation; Host, heating head and water tank can replace each other on the same model machines, after sales maintenance is simple and convenient for users

产品特点 Product features

- 新型水冷电磁感应铝箔封口机专用于食品、农药、化妆品、粮油化、工等行业的产品封口，尤其具备异形容器封口的独特功能。
- 具有堵瓶自动停机的功能，防止意外生产事故扩大。
- 主机防腐设计，器件电路和冷却风道完全隔离设计，大幅度提高设备自身工作的可靠性和寿命。
- 具有外控联机功能，方便生产线的系统整合及远程监控。
- 正面彩屏丰富信息界面及操控，视觉良好，操作便捷。
- 外壳选用优质304不锈钢合理设计，符合GMP要求。
- 兼容各种封口功能，特别针对异形容器，封口均匀漂亮。
- 感应器：独特的隧道式结构，全方位立体式感应封口，功率强劲。感应器可旋转、可互换，适用于大小口径不一的瓶子封口，一机多用，节约成本。
- 高性能主机：主机全方位防腐，低EMI设计，抗浪涌设计，输出电压稳定，具备过压、过流、过热等智能保护功能，性能稳定可靠。
- 高效智能水箱：实时监控水流量和水温，水箱缺水或水温过高，均可自动报警，方便检查，使主机和感应器能长期稳定可靠工作。
- 全新的模块智能盒子技术：设备防腐、防潮、防尘、防电磁干扰，使用寿命长，维护方便，大大降低成本。

- Newly designed water cooling induction sealing machine is used to seal aluminium foil on bottle mouth and suitable for complicated-shape bottle sealing too
- It can auto stop sealing function when meet bottle jam on production line
- Anticorrosion design, machine's circuit and cooling air duct are completely isolated design, which greatly improves reliability and working life of machine
- There is external control function, it is convenient for system integration and remote monitoring of production line.
- Color screen display, with good vision and convenient operation
- The cover made by SUS304 meet GMP requirement
- Compatible with various sealing functions, especially for special-shaped containers, sealing performance good Patented sealing sensor: unique tunnel structure, all-dimensional induction sealing, strong power. The sensor is rotatable and interchangeable. It is suitable for sealing bottles of different sizes and diameters. One machine is multi-purpose and saves costs.
- High-performance host: The host has comprehensive anti-corrosion, low-EMI design, anti-surge design, stable output voltage, and intelligent protection

functions such as over-voltage, over-current, and over-heating. Efficient intelligent water tank: real-time monitoring of water flow and water temperature, the water tank is short of water or the water temperature is too high, can automatically alarm, convenient checking, so that the host and sensors can work stably and reliably for a long time.

- New module smart box technology: equipment anti-corrosion, moisture-proof, dust-proof, electromagnetic interference prevention, long service life, easy maintenance, greatly reduce costs.



水冷式电磁感应铝箔封口机 WATER COOLING INDUCTION SEALER

产品型号 Model No.	DG-5000A
操控方式 Control Mode	触摸面板 Touch Pad
冷却方式 Cooling Type	高速水冷 High Speed Water Cooling
供电电源 Power Source	AC220V±10%;50/60Hz;1P; 20A
输出功率 Output Power	Max. 4000W (adjustable)
封口直径 Sealing Size	Φ15mm~Φ140mm (≤Φ300mm 可定制) Φ15mm~Φ140mm (≤Φ300mm custom made)
封口速度 Sealing Speed	50-600 瓶/分钟 50-600BPM
离地行程 Heating Head Height	760-1180mm (感应头离地高度可调范围) 760-1180mm (Heating Head to floor adjustable height)
设备尺寸 Dimension	主机 Host: 410mmx460mmx320mm 感应头 Heating Head: 310mmx130mmx190mm 水箱 Water Tank: 520mmx450mmx980mm
整机重量 Net Weight	75kg
产品优势 Advantages	专利设计小巧感应头, 可旋转安装, 安装空间需求非常小, 水箱、主机和感应头可在同款机器上互换售后服务简单便捷。 Small size heating head design with patent only take small footprint and it can also rotation installation; Host, heating head and water tank can replace each other on the same model machines, after sales maintenance is simple and convenient for users

产品特点 Product features

- 低EMI设计：大幅降低了对电网谐波污染，有效提高自身设备的性能和可靠性，同时保护了周边的用电设备可靠运行；
- 抗浪涌设计：设备每次通市电时，市电流缓慢上升到规定值，对电网没有硬冲击，同时满足自身大功率用电要求；
- 主机防腐设计：304不锈钢外壳材质，器件电路和冷却风道完全隔离设计，有效防止主电路器件被腐蚀性气体腐蚀，从而提高设备自身工作的可靠性和寿命；
- 加热感应器：独特的隧道式结构，多方位立体感应模式使封口效果更理想，电磁输出稳定均匀且功率强悍，能兼容各种瓶型封口。感应器可旋转、可互换，适用于大小口径不一的瓶子封口，一机多用，节约成本；
- 输出电压稳定：在市电波动或负载变化大的情况下，系统会自动稳定加热头的输出有效电压，不会过高过低，或者忽高忽低，保持封口效果的一致性，避免出现部分瓶子封口不良的现象；
- 性能稳定可靠：机器拥有特殊设计和完善的自我诊断及保护系统，在各种极限条件下（如过热、过载、缺水及市电异常等），设备均可以及时自我保护，对外智能声光报警，可以准确判断故障点位，方便用户检查和解除故障；
- 人性化操作界面：采用全数字化控制理念，具有掉电记忆功能，数字显示，面板轻触按键设计，操作极其简单方便；
- 搭配智能水箱：该水箱为加热头提供循环冷却水，能实时监测循环水流量和水温度，并提供故障（缺水或过热）报警及诊断，使主机和感应器能长期稳定可靠工作，同时大幅提高感应头输出功率、延长感应器寿命。
- 同水冷设备均可互换通用：有效降低使用成本，维护更方便。
- 全新的模块智能盒子技术：设备防腐、防潮、防尘、防电磁干扰，使用寿命长，方便维护，大大降低成本。

- Rotating Heating Head installation can be suitable for all kinds of bottles; No limit on cap size, bottle size, cap and bottle shape etc. Only one machine can seal all your bottles, save machine purchase costs.
- The same model sealing heads, water tank and host can be replaced by each other; Save maintenance costs in near future
- It is suitable for all shape of bottles and caps, especially for complicated-shape caps
- Latest designed modular technology which ensure machine has good performance on anti-corrosion, moisture-proof, dustproof and anti-EMI

and has longer working life
High Speed Circulating water cooling system ensure machine has stronger power and high working efficiency
● Smart Heating Head with smaller size and working with minimum conveyor length 1000mm
Built-in power supply stabilizer ensure constant output power, power grid volatility can work normally
It has self-protection functions when over heat, over load, water shortage occur and self diagnosis function
● Cooling system adopts the mute design and effectively reduce the noise in working environment
Power is adjustable based on special power supply unit, don't need preheat the machine when power on, easy to operate
● The structures of machine used stainless steel 304, easy clean and beauty, in accord with GMP requirements



风冷型电磁感应铝箔封口机 WIND-COOLING INDUCTION SEALER

产品型号 Model No.	DG-3000E	DG-3000F
冷却方式 Cooling Type	风冷 Wind- Cooling	
供电电源 Power Source	AC220V±10%;50/60Hz;1P; 20A	
输出功率 Output Power	Max. 3000W (adjustable)	
封口直径 Sealing Size	Φ20-80mm /Φ70-110mm	
封口速度 Sealing Speed	40-280 瓶/分钟 40-280BPM	
离地行程 Heating Head Height	900-1140mm (感应头离地高度可调范围) 900-1140mm (Heating Head to floor adjustable height)	840-1260mm (感应头离地高度可调范围) 840-1260mm (Heating Head to floor adjustable height)
设备尺寸 Dimension	主机 Host: 395x420x185mm 感应头 Heating Head: 660x210x210mm /570x250x210mm	主机 Host: 245x160x650mm 感应头 Heating Head: 660x210x210mm /570x250x210mm
整机重量 Net Weight	75kg	65kg

产品特点 Product features

- 隐形式感应器风冷系统，独特的升降台整合设计。
- 擅长封广口瓶，封口均匀漂亮。
- 信息丰富的彩屏操控界面置于感应器正面，操作便捷，视觉良好。
- 薄膜轻触开关，防尘防腐防污，使用寿命更长更安全。
- 模块化全数字高精度电路控制系统确保输出稳定，不受市电活动影响。
- 可调功率式开关电源，开机即用无需预热，操作简便。
- 新型智能冷却系统有效保障电路长时间稳定工作。
- 全新的核心模块：设备防腐、防潮、防尘、性能稳定，使用寿命长，维护便捷，大大降低成本。
- 防止药液、颗粒、异物直接掉入感应器内，使用寿命更长。

- Digital wind cooling system ensure machine has stronger power and high working efficiency
- Built-in power supply stabilizer ensure constant output power, power grid volatility can work normally
- It has self-protection functions when over heat, over load, water shortage occur and self diagnosis function
- Power is adjustable based on special power supply unit, don't need preheat the machine when power on, easy to operate
- The structures of machine used stainless steel 304, easy clean and beauty, in accord with GMP requirements



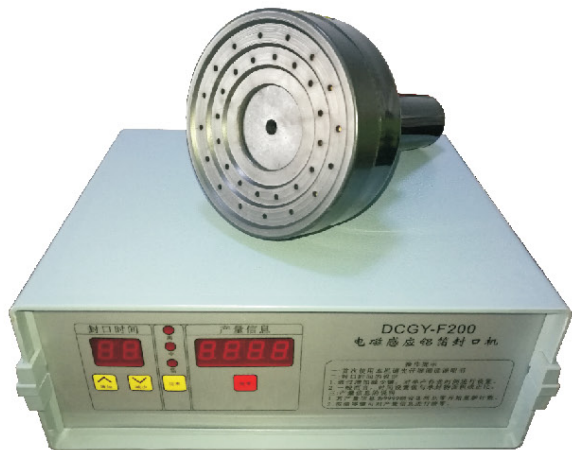
台式连续电磁感应封口机 TABLETOP CONTINUOUS INDUCTION SEALING MACHINE

产品型号 Model No.	LX-6000A
冷却方式 Cooling Type	风冷 Wind- Cooling
供电电源 Power Source	AC220V±10%;50/60Hz;1P
设备功率 Power	输入功率 Input Power ≥1200W 输出功率 Output Power ≤300W
封口直径 Sealing Size	Φ20-80mm
封口速度 Sealing Speed	0-10m/min.
瓶子高度 Bottle Height	20-300mm
设备尺寸 Dimension	1120x470x590mm
最大载重 Loading Weight	≤3kg
产品应用 Application	自动进行瓶子的铝箔封口 Auto induction sealing bottles mouth via aluminum foil



手持式电磁感应铝箔封口机 HANDHELD INDUSTION SEALER

产品型号Model No.	DCGY-F200	DCGY-F300	DCGY-F500	DCGY-F1000
封口直径 Sealing Size	Φ20-80mm	Φ15-50mm	Φ20-100mm	Φ70-130mm
冷却方式 Cooling Type	风冷 Wind- Cooling			
供电电源 Power Source	AC220V±10%;50/60Hz;1P			
设备功率 Power	输入功率Input Power ≥1200W 输出功率Output Power ≤300W			
产量计数 Counter	0-9999			
产品尺寸 Dimension	280x230x115mm			
产品应用 Application	手动进行瓶子的铝箔封 Manual induction sealing bottles mouth via aluminum foil			



◎ 封箱机
CARTON SEALING MACHINE

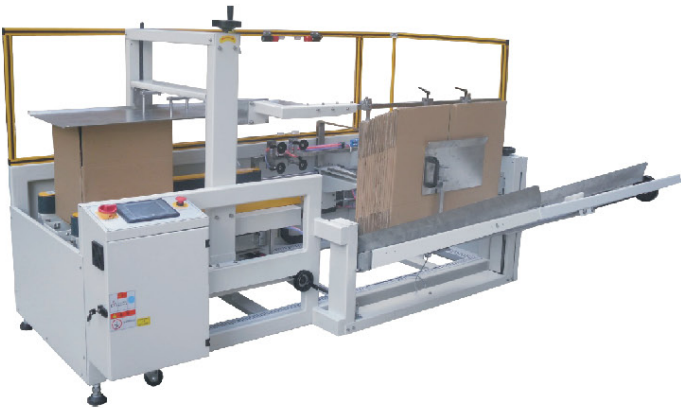
自动开箱机 CARTON ETRECTOR

产品型号 Model No.	CS-05K-01	CS-05K-02	CS-05K-03
纸箱尺寸 Carton Size	L:200-450mm W: 150-400mm H: 100-350mm		L:280-500mm W: 200-400mm H: 90-450mm
开箱速度 Sealing Speed	8-12 箱/分(Ctns/min.)	15-18 箱/分(Ctns/min.)	20-40 箱/分(Ctns/min.)
台面高度 Table Height	610-650mm	610-650mm	1010-1050mm
胶带尺寸 Tape Width	48-75mm		40-75mm
气源要求 Air Source	0.5-0.6Mpa;150L/min.		0.4-0.5Mpa;150L/min.
电源供应 Power Source	AC220V ;50/60Hz; 1P		AC380V ;50/60Hz; 3P
外形尺寸 Dimension	1950x2300x1410mm	2300x2000x1450mm	2930x1410x1940mm
设备重量 Weight	500kg	600kg	990kg

产品特点 Product features

- 自动开箱机适用于多尺寸纸箱的自动开箱；如果需要更换不同尺寸的纸箱，人工调整一下既可以用于新的纸箱开箱
- 自动打开折叠的纸箱合上底盖并用胶带自动封底盖
- 本机采用触摸屏加PLC控制模式，操作简单便捷
- 基本上3秒钟可以完成一个纸箱的开箱封底工作效率高
- 自动开箱机相比人工开箱，可以节省2-3个人工，节省5-10%耗材损失，提高30%的工作效率

- Suitable for multiple size carton box open and auto sealing carton bottom; If need change carton size, just maual adjustment, easy to operation
- Automatic open, fold and seal the carton bottom
- Use PLC control with touch screen operation system, operation and maintenance simple, working stable
- When folding, carton box don't stop, folding and sealing actions were finished on carton conveying status;
- It only take 3 seconds to finish open, folding and sealing process, working high efficiency and convenient
- Use this machine, it can save 2-3 labor costs, save 5-10% consumable material costs, improve 30% efficiency and ensure packing standard



左右驱动封箱机 SEMI-AUTO CARTON SEALING MACHINE

产品型号 Model No.	CS-05A-01
纸箱尺寸 Carton Size	L:120-500mm W: 120-500mm H: 120-500mm
开箱速度 Sealing Speed	10-20 箱/分(Ctns/min.)
台面高度 Table Height	580-780mm
胶带尺寸 Tape Width	48/75mm
电源供应 Power Source	AC220V ;50/60Hz; 1P
外形尺寸 Dimension	1767x830x1295mm
设备重量 Weight	95kg

产品特点 Product features

- 左右驱动封箱机可用于不同规格的纸箱封箱。纸箱上盖人工折入，平稳顺畅，封箱作业一气呵成，美观省力，可配合自动化包装系统使用。新型专利贴带器，不用鼓风机吹挺胶带，利用专利之压片装置，使胶带挺立不弯下而造成不能粘贴。上下可调整的纸箱尺寸可避免纸箱卡在上贴带器。两侧皮带传动，主传动机构使用特殊培林座，高精度、低噪音，增加皮带使用寿命。

- The left and right driven carton sealing machine can be used for sealing different size cartons. The upper cover of the carton is folded in manually, sealing is stable and smooth. Sealing performance is beautiful and labor-saving. It can be used with an automated packaging system. The new patented tape applicator does not need a blower to blow up the tape, and uses the patented sheet-pressing device to make the tape stand upright and not bend down. The up and down adjustable carton size can prevent the carton from getting stuck in the upper tape applicator. Both sides of the belt driven, the main driven mechanism uses a special bearing, high precision, low noise, increase the life of the belt.

