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The machines and equipment shown in this brochure as well as the technical parameters represent only examples of customer-specific technical solutions. We reserve the right to make changes at any time without notice!

# LIQUID FILLING 液体灌装



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**Jiangsu Xinzijing Machinery Manufacturing Group Co., Ltd.**

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## 公司简介

江苏鑫紫鲸机械制造集团有限公司成立于2014年，是一家值得信赖的先进液体包装机械制造商，服务于意大利、法国、西班牙、罗马尼亚、波兰、希腊、德国、英国、韩国、巴基斯坦、泰国、日本、丹麦、俄罗斯、南非、尼日利亚、美国、澳大利亚、加拿大及其他地区的客户。我们的产品系列包括液体灌装机、封盖机、贴标机、洗瓶机、理瓶机、瓶盖分类机以及定制输送系统。

置泉专注于精密工程、耐用性以及符合CE和其他国际标准，致力于为食品饮料、化妆品、制药和化学品等众多行业提供高性能的交钥匙解决方案。

凭借十多年的经验和全球服务网络，我们帮助客户根据其独特需求，定制可靠、高效且经济实惠的设备，从而优化其生产线。

Established in 2014, Jiangsu Xinzijing Machinery Manufacturing Group Co., Ltd. is a trusted manufacturer of advanced liquid packaging machinery, serving clients across Selling in Italy, France, Spain, Romania, Poland, Greece, Germany, UK, South Korea, Pakistan, Thailand, Japan, Denmark, Russia, South Africa, Nigeria, USA, Australia, Canada and beyond. Our product range includes liquid filling machines, bottle cappers, labeling machines, bottle rinsers, bottle unscramblers, cap sorters, and customized conveyor systems.

With a strong focus on precision engineering, durability, and compliance with CE and other international standards, Npack is committed to delivering high-performance, turnkey solutions for a wide range of industries including food & beverage, cosmetics, pharmaceuticals, and chemicals.

Backed by over a decade of experience and a global service network, we help customers optimize their production lines with reliable, efficient, and cost-effective equipment tailored to their unique needs.

# COMPANY BRIEF



# COMPANY CERTIFICATE

## 资质证书



CE-Filling Machine



CE-Capping Machine



CE-Labeling Machine



US商标注册证

# 应用领域 APPLICATIONS

全自动/FULL-AUTOMATIC



日化产品/COSMETICS

食品/FOODS



制药/PHARMACEUTICAL

化工产品/CHEMICALS

半自动/SEMI-AUTOMATIC



发货/SHIPPING



# 客户案例 CUSTOMERS

我们的产品远销意大利、法国、西班牙、罗马尼亚、波兰、希腊、德国、英国、韩国、巴基斯坦、泰国、日本、丹麦、俄罗斯、南非、尼日利亚、美国、澳大利亚、加拿大等多个国家和地区，客户数量达 1000 家。

Our products are exported to Italy, France, Spain, Romania, Poland, Greece, Germany, United Kingdom, South Korea, Pakistan, Thailand, Japan, Denmark, Russia, South Africa, Nigeria, the United States, Australia, Canada and other countries and regions, and the number of customers reaches 1,000.



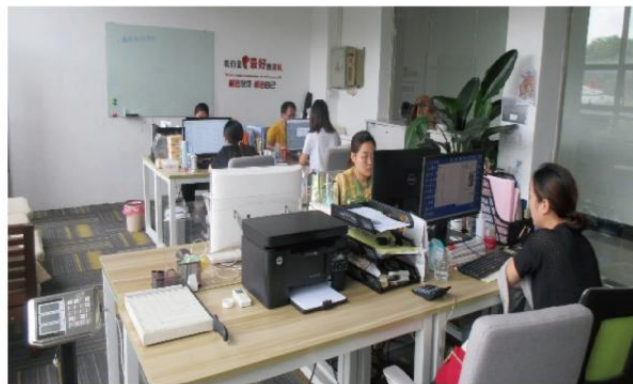
客户名称/CUSTOMERS	客户行业/INDUSTRY	地区/AREA	客户名称/CUSTOMERS	客户行业/INDUSTRY	地区/AREA
Gulf	润滑油/LUBRICANT OIL	沙特/SAUDI ARABIA	SEC	机械行业/MECHANICAL	罗马尼亚/ROMANIA
VEsT_Ltd	日化用品 /COSMETICS	俄罗斯/RUSSIA	SARL DEKACHIM	农化/PESTICIDE	阿尔及利亚/ALGERIA
HOF PAINT	油漆/PAINT	澳大利亚/AUSTRALIA	WB SEALER	饮料/BEVERAGE	澳大利亚/AUSTRALIA
DMCG	日化/COSMETICS	美国/USA	Jurabek	制药/PHARMACEUTICAL	乌兹别克斯坦/UZBEKISTAN
Date L.	糖浆/SYRUP	美国/USA	EON	农化/PESTICIDE	孟加拉/BENGLADESH
APUD	酒/饮料/LIQUOR	蒙古/MONGOLIA	GLAXOSMITHKLINE	制药/PHARMACEUTICAL	孟加拉/BENGLADESH
Monju	饮料/BEVERAGE	蒙古/MONGOLIA	E.ARWIN PLASTIC	润滑油/LUBRICANT OIL	菲律宾/PHILIPPINES
PT SINAR	日化/COSMETICS	印尼/INDONESIA	AP MEDICAL	制药/PHARMACEUTICAL	越南/VIETNAM
OXTRI	食用油/ EDIBLE OIL	尼日利亚/NIGERIA	NATURELLA	番茄酱/KECHUP	奥地利/AUSTRIA
Ammasco	润滑油/LUBRICANT OIL	尼日利亚/NIGERIA	蜂花	日化/COSMETICS	中国上海/SHANGHAI, CHINA
SPI	制药/PHARMACEUTICAL	沙特/SAUDI ARABIA			

客户名称/CUSTOMERS	客户行业/INDUSTRY	地区/AREA	客户名称/CUSTOMERS	客户行业/INDUSTRY	地区/AREA
汇源集团	儿童饮料 /CHILDREN DRINKS	中国北京/BEIJING, CHINA	ROCK PHARMA	医疗/PARMACEUTICAL	巴基斯坦/PAKISTAN
英雄墨水	墨水/INK	中国上海/SHANGHAI, CHINA	E.Atalyk	葵花油/SUNFLOWER OIL	吉尔吉斯斯坦/KYRGYZSTAN
妙管家	日化用品 /COSMETICS	中国苏州/SUZHOU, CHINA	MTENAN	蜂蜜/HONEY	埃及/EGYPT
赢彩	色浆/PIGMENT	中国上海/SHANGHAI, CHINA	胜柏	健康饮料/HEALTH DRINKS	中国苏州/SUZHOU, CHINA
世名	色浆/PIGMENT	中国昆山/KUNSHAN, CHINA	嘉丰生物化工	日用品/COSMETICS	中国福建/FUJIAN, CHINA
万诚	食品/FOODS	中国上海/SHANGHAI, CHINA	Mujezat Al Shifa	食用油/EDIBLE OIL	科威特/KUWAIT
凯泉	果汁饮料/BEVERAGE	中国上海/SHANGHAI, CHINA	Esoteric Food	食品/FOODS	美国/USA
康龄	果汁饮料 /BEVERAGE	中国扬州/YANGZHOU, CHINA	DETCO	巧克力/CHOCOLATE	埃及/EGYPT
朗索	医疗消毒/PHARMACEUTICAL	中国杭州/HANGZHOU, CHINA	联合利华	日化/COSMETICS	印尼/INDONESIA
家丰植物油	橄榄油/小麦油/EDIBLE OIL	中国河南/HENAN, CHINA	MBI	润滑油/LUBRICANT OIL	比利时/BELGIUM
SIGMAR	润滑油/LUBRICANT OIL	迪拜/DUBAI	SHELL	润滑油/LUBRICANT OIL	马来西亚/MALAYSIA
ISS	医疗/PARMACEUTICAL	英国/U.K.			

# 团队管理 TEAM

公司在不断发展过程中，建立完善的现代企业管理制度内部各机构资源优化，合理配合，分工合作，协调统一，已形成一个高效运行的管理工作团队。完善的制度结构，高效、严谨的运行机制，是良好的管理决策和稳健的业务发展的坚实基础。

In the process of continuous development, the company has established a complete modern enterprise management system, optimized internal organization resources, reasonable cooperation, division of labor, coordination and unity, and has formed an efficient management team. A sound system structure, an efficient and rigorous operating mechanism are a solid foundation for good management decision-making and stable business development.



# 生产车间 FACTORY

市场竞争的基础，离不开生产实力，离不开完善先进的硬件设施。深知硬件设施重要性的振祥，在同行业率先引进国外先进的生产设备，几年来更先后投资资金对硬件设施进行更新换代，以国际化的生产设施生产出符合国际标准的高端优质产品。

The basis of market competition is inseparable from production strength and complete and advanced hardware facilities. Knowing the importance of hardware facilities, Zhenxiang took the lead in introducing advanced foreign production equipment in the industry. Over the past few years, he has invested funds to upgrade the hardware facilities and produce high-end quality products that meet international standards with international production facilities.



# NP-VF活塞灌装机

## PISTON FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 耐用结构:** 框架采用 304 不锈钢材质; 活塞和计量头采用 316L 不锈钢材质, 并采用经过认证的材料。
- 耐腐蚀组件:** 垫圈采用根据液体产品定制的耐腐蚀材料制成。
- 防水电气系统:** 电气设备和 CPU 采用防水设计, 确保可靠性。
- 气动系统:** 采用高品质 SMC 或 Festo 元件, 性能卓越。
- 用户友好型操作:** 人机界面 (HMI) 位于出料侧, 方便操作和控制。
- 安全特性:** 在关键位置 (触摸屏、产品进料口、后部) 配备 3 个紧急停止按钮。
- 可靠品牌:** CPU 和 HMI 采用欧洲、日本或中国顶级品牌; 施耐德电气元件。
- 精准高效:** 伺服驱动灌装头, 配备气动截止阀和防滴漏喷嘴; 标配滴水盘。

**1.Durable Construction:** Frame made of 304 stainless steel; pistons and dosing heads are 316L stainless steel with certified materials.

**2.Corrosion-Resistant Components:** Gaskets are made from non-corrosive materials tailored to the liquid products.

**3.Waterproof Electrical System:** Electrical installation and CPU are designed for waterproof protection, ensuring reliability.

**4.Pneumatic System:** Uses high-quality SMC or Festo components for optimal performance.

**5.User-Friendly Operation:** HMI positioned at the discharge side for easy access and control.

**6.Safety Features:** Equipped with 3 emergency stop buttons at key locations (touchscreen, product infeed, rear).

**7.Reliable Brands:** CPU and HMI from top European, Japanese, or Chinese brands; Schneider electrical components.

**8.Precision and Efficiency:** Servo-driven filling heads with pneumatic shut-off and anti-drip nozzles; drip tray included as standard.

### 选型 SOLUTIONS

型号/Model	NP-VF2	NP-VF4	NP-VF6	NP-VF8	NP-VF10	NP-VF12	NP-VF16	NP-VF20
头数/Heads	2	4	6	8	10	12	16	20
范围/Range	100-500ML, 100-1500ML, 1000-5500ML							
产量/Capacity	8-14	16-25	24-40	32-56	35-60	45-80	60-100	70-120
气压/Air Pressure	0.6MPa							
精度/Accuracy	+/-0.1							
电源/Power	2220VAC SINGLE PHASE 2500W				2220VAC SINGLE PHASE 4000W			

# NP-TVF跟踪式灌装机

## TRACKING FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 1. 高效:** 与传统活塞式灌装机相比,多轴同步灌装,配备2或4个灌装头,产能提升50%。
- 2. 精准灌装:** 灌装头随瓶子移动,采用伺服驱动的防滴漏喷嘴,实现精准无滴漏,无需滴水盘。
- 3. 耐用结构:** 机架采用304不锈钢材质;活塞和计量头采用316L不锈钢材质,并采用认证材料。
- 4. 可靠组件:** 垫圈耐腐蚀;气动部件采用SMC或Festo;电气元件采用施耐德防水。
- 5. 用户友好操作:** 可移动式人机界面面板和一键式容器尺寸调节功能,使操作简单灵活。
- 6. 安全设计:** 配备3个紧急停止按钮,分别位于触摸屏、产品进料口和后部等关键位置。
- 7. 质量控制:** 所有电缆均贴有标签,并遵循完整的单线电气图;轴承和密封件采用SKF或中国顶级品牌。
- 8. 智能支持:** 可通过远程访问进行维护和软件更新。

**1.High Efficiency:** Multi-axis synchronization with 2 or 4 filling heads boosts capacity by 50% compared to traditional piston fillers.

**2.Accurate Filling:** Filling heads move with bottles for precise, spill-free operation using servo-driven, anti-drip nozzles—no drip tray needed.

**3.Durable Construction:** Machine frame is 304 stainless steel; pistons and dosing heads are 316L stainless steel with certified materials.

**4.Reliable Components:** Gaskets are corrosion-resistant; pneumatic parts from SMC or Festo; water-proof electrical components from Schneider.

**5.User-Friendly Operation:** Movable HMI panel and one-touch container size adjustment make operation simple and flexible.

**6.Safe Design:** Equipped with 3 emergency stop buttons for key positions—touchscreen, product infeed, and rear.

**7.Quality Control:** All cables are labeled and follow a full single-line electrical diagram; SKF or top China brand bearings and seals.

**8.Smart Support:** Remote access available for maintenance and software updates.

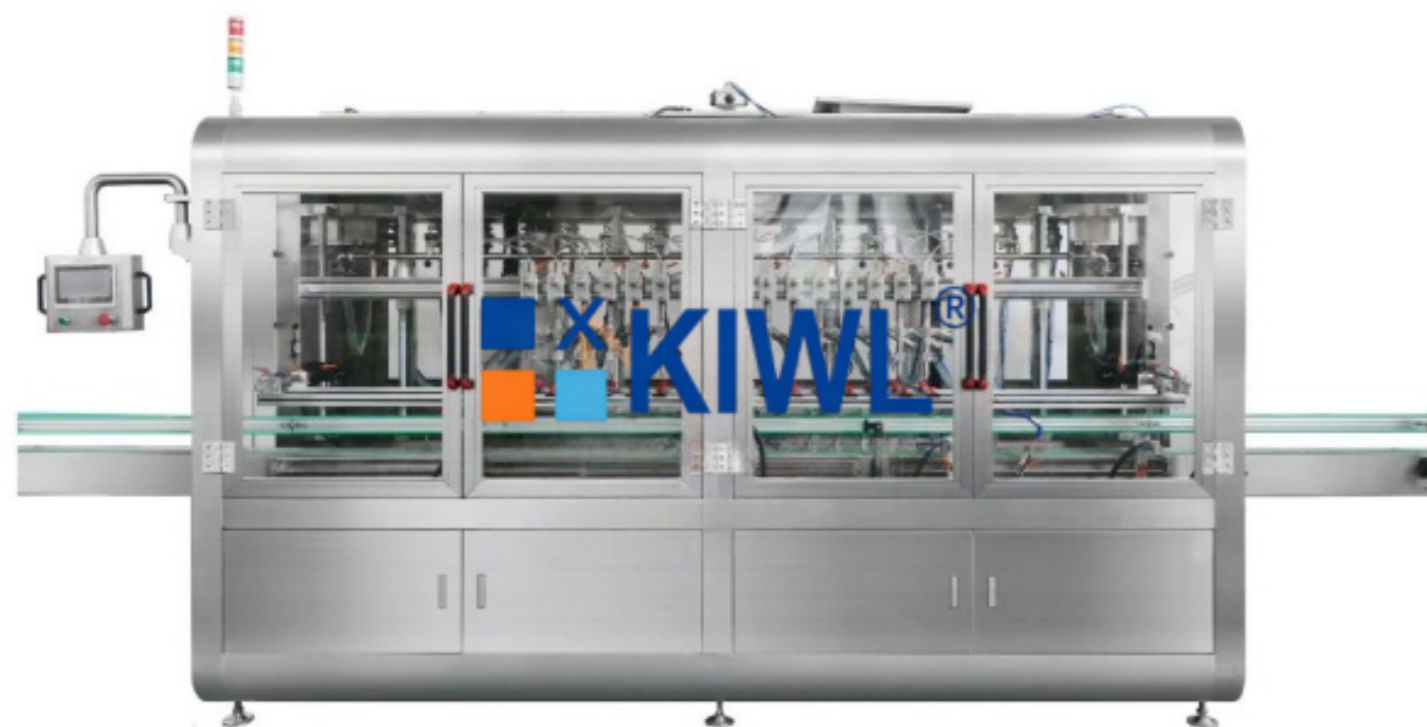
### 选型 SOLUTIONS

型号 /Item No.	NP-TVF	功率 /Power	3KW to 6KW, 220/380VAC
灌装头 /Filling Nozzles	2-4Nozzles	精度 /Accuracy	±2ML
产量 /Production Capacity	30 to 100BPM	驱动方式 /Driven	Servo Motor
灌装容量 /Filling Volume	50-1000ML	屏幕 /Interface	High-performance intelligent mechanical controllers, and advanced HMIs

# NP-OF溢流式灌装机

## OVERFLOW FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 1. 行业领先地位:** Npack 已成功打造超过 100 条工业灌装生产线, 凭借创新和高质量标准, 成为行业标杆。
- 2. 客户承诺:** 持续的产品优化和对客户满意度的关注, 使 Npack 始终处于液体灌装技术的前沿。
- 3. 防滴漏操作:** 先进的回吸式灌装头可防止滴漏, 仅在瓶子正确定位后才启动, 确保精准灌装。
- 4. 灵活设计:** 该机器可配置 2 至 20 个灌装头, 灵活适应各种生产需求, 提高生产效率和准确性。
- 5. 符合 GMP 标准的构造:** 采用顶级 304 或 316 不锈钢制成, 确保安全、清洁和持久耐用。
- 6. 灌装均匀:** 灌装头密封瓶口, 防止起泡和溢流, 确保每次液位均匀一致, 实现完美灌装。

**1. Industry Leadership:** Npack has successfully established over 100 industrial filling lines, becoming a benchmark in the industry through innovation and high-quality standards.

**2. Customer Commitment:** Continuous product optimization and a focus on customer satisfaction keep Npack at the forefront of liquid filling technology.

**3. Drip-Free Operation:** The advanced back-sucking filling head prevents drips and ensures accurate filling by only starting when the bottle is properly positioned.

**4. Flexible Design:** The machine can be configured with 2 to 20 filling heads, offering adaptability for various production needs and enhancing productivity and accuracy.

**5. GMP-Compliant Construction:** Built from top-grade 304 or 316 stainless steel, ensuring safety, cleanliness, and long-lasting performance.

**6. Consistent Filling:** The filling head seals the bottle opening to prevent bubbling and overflow, ensuring consistent liquid levels and perfect filling every time.

### 选型 SOLUTIONS

型号 /Item No.	NP-OF	功率 /Power	2500W, 220VAC
产量 /Capacity	800-2500 b/h @ 1L	重量 /Weight(kg)	180kgs
灌装量 /Filling Volume	1000-5000ML	气压 /Air compressor	≤0.6Mpa
液位误差范围精度 /Accuracy Liquid level error range	≤2mm		

# NP-LPF转子泵灌装机

## ROTOR PUMP FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 应用广泛: 适用于各种尺寸和形状瓶子, 调节快捷方便。
2. 速度快: 两个灌装嘴每分钟可灌装 30-40 瓶。
3. 快速切换: 无需调节气缸、夹紧装置或灌装嘴, 即可轻松切换瓶子和产品, 节省时间。
4. 操作简便, 清洁方便: 具有自动清洁功能; 只需在触摸屏上设置一次, 即可清洁和排空, 无需手动拆卸。
5. 定制定位: 可根据不同的瓶子类型定制定位装置。
6. 独立灌装头: 每个灌装头独立运行, 具有自动灌装、纠错功能, 并通过快速连接软管连接到共用的移动式灌装罐。
7. 紧凑设计: 与传统机器相比, 占地面积更小。
8. 可选配 CIP 系统: 可连接 CIP 系统进行自动清洁。

**1.Wide Application:** Suitable for bottles of various sizes and shapes, with quick and easy adjustments.

**2.High Speed:** Two nozzles can fill 30-40 bottles per minute.

**3.Quick Changeover:** Easily switch bottles and products without adjusting the cylinder, clamping device, or filling nozzle, saving time.

**4.Easy Operation and Cleaning:** Features an automatic cleaning function; set once on the touch screen to clean and drain without manual disassembly.

**5.Customized Positioning:** Positioning devices can be tailored to different bottle types.

**6.Independent Filling Heads:** Each head operates independently with auto filling, error correction, and quick-connect hoses to a shared mobile tank.

**7.Compact Design:** Occupies less floor space compared to traditional machines.

**8.CIP System Optional:** Can connect to a CIP system for automatic cleaning.

### 选型 SOLUTIONS

型号 /Item No.	NP-LPF	电压 /Voltage	220V ,50HZ, 1Phase (can be customer made)
灌装量 /Filling Volume	500ml-1000ml	气压 /Air Pressure	0.6MPa-0.8MPa
机器材质 /Machine Construction Material	304SS	精度 /Accuracy	≤±0.5%
功率 /Power	3.5 KW		

# NP-GF重力式灌装机

## GRAVITY FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 灵活的材质选择：机架采用 304 或 316 不锈钢材质，并可根据液体类型选择 PP 或 PVC 材质。不锈钢适用于非腐蚀性液体，而 PP/PVC 则适用于酸性或腐蚀性产品。
2. 高精度液位控制：系统精准调节液位，防止起泡或溢流，确保灌装结果一致稳定。
3. 人性化界面：配备中英文多功能触摸屏，操作直观便捷。
4. 智能检测系统：集成光电传感器，自动检测容器是否存在，当检测到无瓶时停止灌装，避免物料浪费，确保安全。
5. 应用范围广：专为高泡液体设计，灌装精度高，解决了易起泡液体灌装中的常见难题。
6. 优化的灌装头设计：精密设计的灌装头具有防滴和吸附功能，确保高效、准确的灌装，同时保持生产区域清洁。

**1.Flexible Material Selection:** The machine frame is made of 304 or 316 stainless steel, with optional PP or PVC materials depending on the liquid type. Stainless steel is used for non-corrosive liquids, while PP/PVC is ideal for acidic or corrosive products.

**2.High-Precision Liquid Level Control:** The system accurately regulates the liquid level to prevent foaming or overflow, ensuring consistent and stable filling results.

**3.User-Friendly Interface:** Equipped with a multi-functional touchscreen supporting both Chinese and English, the interface offers intuitive and convenient operation.

**4.Intelligent Detection System:** Integrated photo-electric sensors automatically detect container presence, stopping filling when no bottle is detected—avoiding material waste and ensuring safety.

**5.Wide Application Range:** Specifically designed for high-foaming liquids, the machine offers exceptional filling accuracy, solving common challenges in foam-prone liquid filling.

**6.Optimized Filling Head Design:** The precision-engineered filling head features anti-drip and adsorption functions, ensuring efficient, accurate filling while keeping the production area clean.

### 选型 SOLUTIONS

型号 /Item No.	NP-GF	电压 /Voltage	220VAC 50/60hz
灌装精准 / Measurement precision	±0.5%-1% for 1L	气压 /Air pressure	4~6kg/cm <sup>2</sup>
		耗气量 /Air consumption	1m/min
产量 /Capacity	800b/h-7200b/h	功率 /Power	1000w

# NP-EVF经济型灌装机

## ECONOMY FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 耐用结构:** 采用 304 不锈钢材质, 液体接触部件采用食品级 304 不锈钢或 316 不锈钢, 更加安全。
- 精准灌装:** 采用 PLC 控制的“无瓶不灌装”系统, 灌装精度在  $\pm 0.5\%$  以内, 并自动发出故障警报。
- 高效运行:** 灌装喷嘴可防止滴漏、丝状物, 并可精确处理粘稠液体, 实现清洁、均匀的灌装。配备瓶数计数器。
- 易于维护:** 维护无需特殊工具; 卧式活塞缸设计简化了拆卸和清洁。
- 耐腐蚀:** 采用 SKF 密封件或软管, 用于处理腐蚀性液体, 确保长期耐用性。
- 多功能且清洁:** 采用潜水喷嘴, 可自下而上灌装发泡产品, 瓶口精确对准, 并配有滴水盘, 以提高清洁度。

**1.Durable Construction:** Built with 304 stainless steel, liquid contact parts are made of food-grade 304SS or 316SS for added safety.

**2.Precise Filling:** Features a "no bottle, no fill" system controlled by PLC, with filling accuracy within  $\pm 0.5\%$  and automatic alerts for failures.

**3.Efficient Operation:** Filling nozzles prevent drips, silk, and handle viscous liquids precisely for a clean, consistent fill. Includes a bottle counter.

**4.Easy Maintenance:** No special tools required for maintenance; horizontal piston cylinder design simplifies disassembly and cleaning.

**5.Corrosion Resistance:** SKF seals or hoses are used for handling corrosive liquids, ensuring long-term durability.

**6.Versatility & Cleanliness:** Diving nozzles for bottom-up filling of foaming products, precise bottle mouth alignment, and drip trays included for enhanced cleanliness.

### 选型 SOLUTIONS

型号 /Item No.	NP-EVF	灌装精度 /Measurement precision	$\pm 0.5\%$ base on 1000ml
操作模式 /Operational mode	Automatic	工作功率 /Working power	220VAC single phase
应用 /Applications	For liquid and viscous liquid	气压 /Air pressure	$6\sim 8 \text{ kg / cm}^2$
灌装范围 /Filling range	100-1000ml or 500ml to 5000ml	耗气量 /Air consumption	$1\text{m}^3/\text{min}$
灌装头数 /Number of heads	2 or 4 heads	功率等级 /Power rate	0.8kw to 1.5KW
灌装产量 /Filling Capacity	500b/h to 1200b/h base on 1000ml viscous liquid	净重 /Net weight	320Kg

# NP-S半自动式灌装机

## SEMI-AUTOMATIC FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### >>SEMI-AUTOMATIC FILLING MACHINE

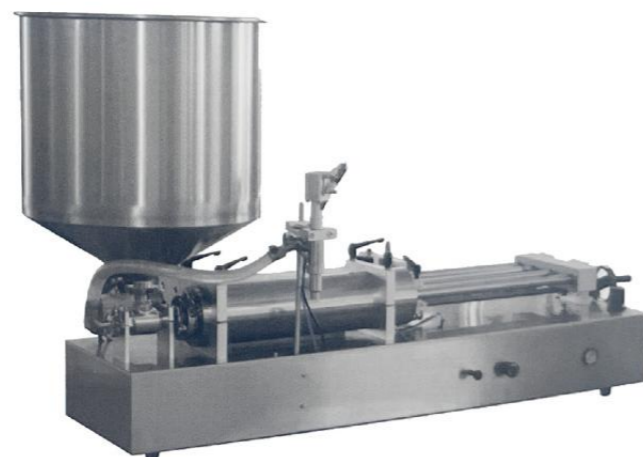
#### 半自动灌装机

型号 /Item No.	NP-S-1000
名称 /Product	半自动灌装机 SEMI-AUTOMATIC FILLER
灌装范围 /Filling Range	100-1000ML
灌装精度 /Filling Accuracy	+/-1-2ML
气压 /Air Pressure	0.6MPA
产量 /Product Capacity	10-30BPM(瓶 / 分钟)
驱动方式 /Driven	纯气动 /All Pneumatic
适用物料 /Applied Liquid	无泡粘稠和非粘稠液体、膏体 Viscous and non-viscous liquid and paste without foam

### >>SEMI-AUTOMATIC FILLING MACHINE

#### 半自动灌装机

型号 /Item No.	NP-S-5000
名称 /Product	半自动灌装机 SEMI-AUTOMATIC FILLER
灌装范围 /Filling Range	500-5000ML
灌装精度 /Filling Accuracy	+/-5ML
气压 /Air Pressure	0.6MPA
产量 /Product Capacity	6-20BPM(瓶 / 分钟)
驱动方式 /Driven	纯气动 /All Pneumatic
适用物料 /Applied Liquid	无泡粘稠和非粘稠液体、膏体 Viscous and non-viscous liquid and paste without foam



### >>SEMI-AUTOMATIC WEIGHTING FILLING MACHINE

#### 半自动称重灌装机

型号 /Item No.	NP-SWF30
品 /Product	半自动称重灌装机
大秤量 /Max Weight:	30kg
小感量 Min. Weight:	10g
装误差 Accuracy:	±10-20g(视灌装速度 /Depending on Speed)
装速度 /Speed:	100-150 桶 / 小时 (视进料流速 / Depending on flow speed)
用容器 /Container:	≤Φ350xh500mm
爆等级 /EX:	不防爆 /Non-EX
用电源 /Power:	AC220/50Hz
用气源 /Air Pressure:	0.4-0.8Mpa
构材质 /Structure:	SUS304SS
头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
源接口 /Air Hose:	8mm

### >>EXPLOSION-PROOF SEMI-AUTOMATIC WEIGHTING FILLING MACHINE

#### 防爆型半自动称重灌装机

型号 /Item No.	NP-SWF30EX
产品 /Product	防爆型半自动称重灌装机
最大秤量 /Max Weight:	30kg
最小感量 Min. Weight:	10g
灌装误差 Accuracy:	±10-20g(视灌装速度 /Depending on Speed)
灌装速度 /Speed:	100-150 桶 / 小时 (视进料流速 / Depending on flow speed)
适用容器 /Container:	≤Φ350xh500mm
防爆等级 /EX:	EXdiaIIBT4
使用电源 /Power:	AC220/50Hz
使用气源 /Air Pressure:	0.4-0.8Mpa
结构材质 /Structure:	SUS304SS
枪头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
气源接口 /Air Hose:	8mm



### >>EXPLOSION-PROOF SEMI-AUTOMATIC WEIGHTING FILLING MACHINE

#### 防爆型半自动称重灌装机

型号 /Item No.	NP-SWF300EX
产品 /Product	防爆型半自动称重灌装机
最大秤量 /Max Weight:	30kg
最小感量 Min. Weight:	100g
灌装误差 Accuracy:	±0.1% 视灌装速度 /Depending on Speed)
灌装速度 /Speed:	45-60 桶 / 小时 (视进料流速 / Depending on flow speed)
适用容器 /Container:	≤Φ600xh1000mm
防爆等级 /EX:	EXdiaIIBT4
使用电源 /Power:	AC220/50Hz
使用气源 /Air Pressure:	0.4-0.8Mpa
结构材质 /Structure:	SUS304SS
枪头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
气源接口 /Air Hose:	8mm



# NP-009S 灌装封尾机

## TUBE FILLING SEALING MACHINE

>> 灌装设备 FILLING EQUIPMENTS



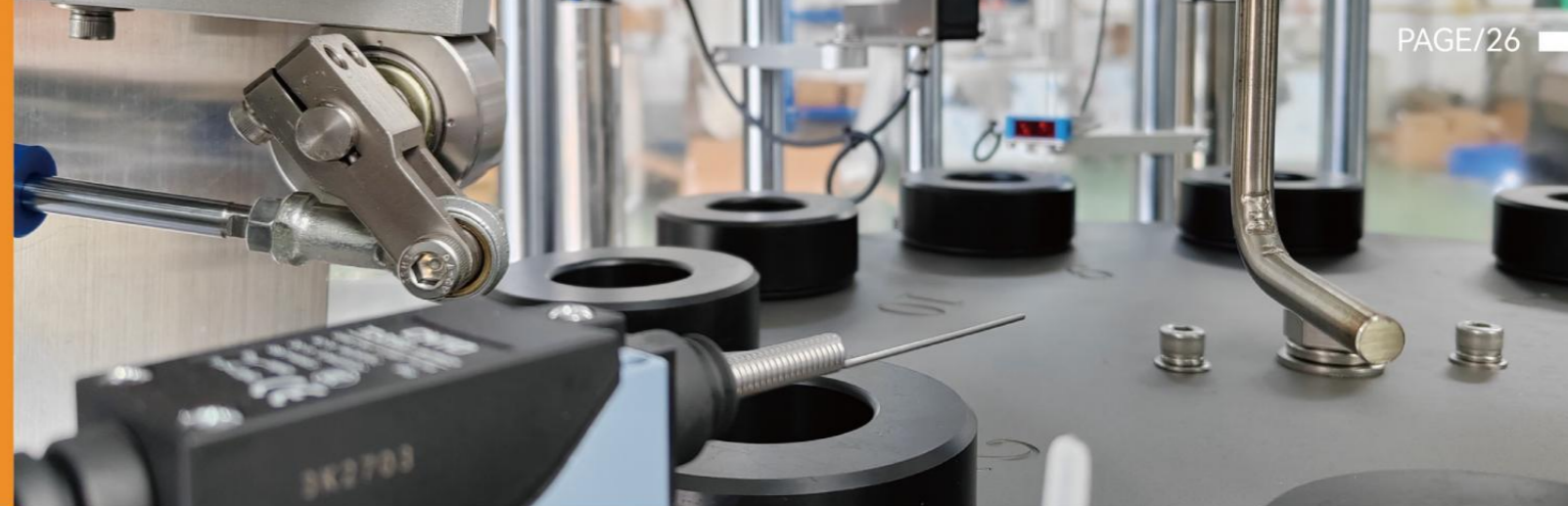
### 特点 FEATURES

1. 该机器配备安全保护和过载保护系统, 确保在任何条件下都能安全可靠地运行。
2. 采用凸轮分度系统, 精确定位十个工位, 提高每个操作的准确性和一致性。
3. 该机器采用先进的超声波封口技术, 无需预热, 确保封口稳定清洁, 减少变形, 并将废品率保持在 1% 以下。
4. 专门设计的截止式灌装喷嘴可用于处理粘稠液体, 确保灌装的精确性和一致性。
5. 该机器采用耐用的 304 不锈钢制成, 具有出色的耐酸、耐碱和耐腐蚀性能, 适用于各种具有挑战性的生产环境。

1. The machine is equipped with both safety protection and overload protection systems, ensuring safe and reliable operation under all conditions.
2. It utilizes a cam indexing system that precisely positions ten working stations, enhancing the accuracy and consistency of each operation.

3. The machine adopts advanced ultrasonic sealing technology, which eliminates the need for warm-up time, ensures stable and clean seals, reduces distortion, and maintains a reject rate of less than 1%. 4. Specially designed shut-off filling nozzles are used for handling viscous liquids, ensuring accurate and consistent filling.

5. Constructed from durable 304 stainless steel, the machine offers excellent resistance to acids, alkalis, and corrosion, making it suitable for various challenging production environments.



### 选型 SOLUTIONS

型号 /Item No.	NP-009S	NP-009 (The model you are browsing)	NP-005H
全自动 / 半自动 / Auto/Semi-auto	Fully Automatic	Fully Automatic	Fully Automatic
功能 /Function	Filling and Sealing	Filling and Sealing	Filling and Sealing
安全保护 /Safety Protection	Safety device equipped overload protection	Overload Protection	Safety device equipped overload protection
工位 /Station	Ten Stations (Rotary Table)	Ten Stations (Rotary Table)	Servo Motor Driven Chain Type
防滴灌装 /Anti-dripping filling	Anti-dripping Filling nozzle	Anti-dripping Filling nozzle	Anti-dripping Filling nozzle
管型 /Tube type	Dual-Chamber tube	Single tube	Strip monodose vials tubes
管材 /Tube material	Plastic tube ABL tube	Plastic tube ABL tube	PE Plastic PP Plastic
色标系统 /Color Mark system	Panasonic Color Mark Sensor	Panasonic Color Mark Sensor	/
管出口检测 /Tube outlet detection	Discharge check alarm system	Discharge check alarm system	/
故障报警 /Fault Alarm	Failure warning feature	Failure warning feature	Failure warning feature
频率 /Frequency	20 kHz	20 kHz	20 kHz
功率 /Power	2.6 KW	2.6 KW	2.6 KW
电源 /Power supply	AC220V/110V	AC220V/110V	AC220V/110V
灌装系统 /Filling system	Pneumatic piston pump	Pneumatic piston pump	5 heads Valveless Ceramic Plunger Pump (liquid) 5 heads Rotary Valve Ceramic Plunger Pump (paste)
灌装量 /Filling Range	B. 10-120ml C. 25-250ml	A. 6-60ml B. 10-120ml C. 25-250ml D. 50-500ml	0.3-10ml Valveless Ceramic Plunger Pump 1-10ml Rotary Valve Ceramic Plunger Pump
灌装误差 /Filling Error	≤±1%	≤±1%	≤±1%
生产能力 /Capacity	8-13pcs/min	22-28pcs/min	15-20monodose/min
管径 /Tube diameter	25-50mm	13-50mm	1-7 monodoses/length 140mm
管高度 /Tube height	50-210mm	50-250mm	50-120mm
气压 /pressure	0.6 MPa	0.6 MPa	0.4 MPa
耗气量 /Air consumption	0.48m3/min	0.38m3/min	0.2m3/min
尺寸 /Dimension (mm)	L1850*W1400*H1800	L1590*W1400*H1650	L1300*W1300*H1950
重量 /N.W/G.W	504kgs	424kgs	420kgs
选项 /Option	Auto refill pump Double jacket heating hopper with stirrer Air-blow filling nozzle 316 stainless steel contact parts Safety door function	- Auto refill pump - Double jacket heating hopper with stirrer - Air-blow filling nozzle - 316 stainless steel contact parts - Safety door function - Pressure hopper - Date coding feature	Finish products conveyor

# NP-MFC一体机

## MONOBLOCK FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 该机器采用 304/316L 不锈钢材质和卫生级软管灌装, 确保卫生耐用。
2. 高精度柱塞泵, 灌装量和速度调节方便。
3. 灌装部件可快速拆卸, 清洗、消毒和灭菌简便。
4. 升降式灌装设计, 喷嘴伸入瓶内, 灌装精准高效。
5. 专利预旋机构, 大幅提高封盖成功率和效率。
6. 伺服电机控制封盖, 速度和扭矩可通过人机界面轻松设置。
7. 全自动 PLC 控制, 不锈钢机身, 透明有机玻璃防护框。
8. 配备故障报警、开门检测和机械过载自动停机功能。
9. 无需工具即可切换不同瓶型, 提高效率。
10. 高精度柱塞泵, 确保根据测试产品进行精准灌装。
11. 无瓶免灌装功能, 提高灌装精度, 节省材料。
12. 稳定的凸轮控制封盖提升机构; 偏心凸轮传动, 噪音低, 寿命长; 单轨料斗, 送盖顺畅。

1. The machine uses 304/316L stainless steel and sanitary hoses for the filling process, ensuring hygiene and durability.
2. High-precision piston pump for easy adjustment of filling volume and speed.
3. Filling parts are quick to disassemble, making cleaning, disinfection, and sterilization simple.
4. Lifting filling design with nozzles extending into the bottle for precise, effective filling.
5. Patented pre-spin mechanism greatly improves capping success rate and efficiency.
6. Servo motor controls capping; speed and torque can be easily set via the HMI.
7. Fully automatic PLC control with a stainless steel body and a clear organic glass protective frame.
8. Equipped with fault alarms, door opening detection, and automatic shutdown for mechanical overloads.
9. Tool-free changeover between different bottle sizes, boosting efficiency.
10. High-precision piston pump ensures accurate filling based on the tested product.
11. No-bottle, no-filling function for enhanced accuracy and material saving.
12. Stable cam-controlled capping lifting mechanism; eccentric cam drive for low noise and long life; single-track hopper for smooth cap feeding.

### 选型 SOLUTIONS

型号 /Item No.	NP-MFC Series	电压 /Voltage	220V/50Hz (Customized Optional)
适用瓶型 /Applied Bottles	Customized	自动旋盖率 /Auto-capping Rate	≥99.9%
产能 /Output Capacity	30-40bpm	自动停止率 /Auto-Stopper Rate	≥99.9%
灌装精度 /Filling Accuracy	≤±1% (30ml)	耗气量 /Air consumption	1.3 m <sup>3</sup> /h 0.4-0.8Mpa
灌装范围 /Filling range	5ml to 120ml	功率 /Power	2.5KW
灌装头 /Filling heads	1 to 4 nozzles	重量 /Weight	700KG
封盖头 /Capping heads	1 to 2 heads	尺寸 /Size	Refer to layout

# 日化产品灌装线

## DAILY CHEMICAL FILLING LINE

>>灌装线 FILLING LINE



>>MULTI-HEAD SERVO PISTON FILLING MACHINE  
多头伺服活塞灌装机

### 选型 SOLUTIONS

- 灌装头数 Filling nozzles : 1-20 heads (optional)
- 灌装范围 Volume Range: 1-5L
- 灌装速度 Filling Speed : about 360-7200bottles/hour
- 灌装精度 Filling Accuracy: ±1%
- 灌装形式 Filling Form : 下潜灌装 (减少物料起泡) diving filling to prevent foaming
- 物料接触部分 Material Contact Part : 304/316 不锈钢
- 气压 Air Pressure : 0.6-0.8MPa
- 保护装置 Protection Device : 缺料停机报警 filling material shortage shutdown and alarm

### 适用产品 APPLICABLE PRODUCTS



>>6 WHEELS SPINDLE SCREW CAPPING MACHINE  
6轮搓盖机

### 选型 SOLUTIONS

- 旋盖速度 capping speed : "60-100 瓶 / 分 (具体速度由盖子和瓶子决定)  
60-100 bottles/min (actual speed depends on cap and bottle size)"
- 盖径 Cap Diameter : 20-120mm
- 瓶高 Bottle Height : 45-460mm
- 功率 Power : 1600W
- 气压 Air Pressure : 0.6-0.8MPa
- 选配 Option : 理盖机 Cap Sorter

# 食用油灌装线

## EDIBLE OIL FILLING LINE

>>灌装线FILLING LINE

## 适用产品 APPLICABLE PRODUCTS



## 选型 SOLUTIONS

- 灌装头数 Filling nozzles : 1-20 heads (optional)
- 灌装速度 Filling Speed : about 360-7200bottles/hour
- 灌装精度 Filling Accuracy :  $\pm 1\%$
- 灌装形式 Filling Form : 伺服活塞灌装 servo piston filling
- 程序控制 Program Control : PLC&Touch Screen
- 物料接触部分 Material Contact Part ; 304/316 不锈钢
- 气压 Air Pressure : 0.6-0.8MPa
- 料槽容量 Top Tank Capacity : "150L (不同的灌装量和灌装速度, 料槽容量不一定 depends on the machine size) "
- 保护装置 Protection Device : 缺料停机报警 filling material shortage shutdown and alarm

## 特点 FEATURES

NPACK 的主要食用油灌装机包括直立式(线性)活塞灌装机(灌装喷嘴数量从 2 到 16 个)和旋转式高速一体式灌装机(灌装喷嘴数量从 12 到 36 个)。我们的食用油液体灌装机旨在满足食用油行业不断变化的需求。我们根据您的瓶子设计和容量, 制造理想的机械设备来满足您的食用油灌装需求并实现您的生产目标。

NPACK main edible oil filling machine are inline (linear) piston filling machine which has filling nozzles from 2 to 16 nozzles, rotary high speed filling machine monoblock one which has filling nozzles from 12 nozzles to 36 nozzles. Our edible oil liquid filling machines are designed to meet the changing needs of the edible oil industry. We manufacture the ideal machinery to handle your edible oil filling needs and meet your production goals. base on your bottle design and capacity.

# 酱料灌装线

## SAUCE FILLING LINE

>> 灌装线 FILLING LINE



### 选型 SOLUTIONS

- 灌装头数 Filling nozzles: 1-20 heads (optional)
- 灌装速度 Filling Speed: about 360-7200 bottles/hour
- 灌装精度 Filling Accuracy:  $\pm 1\%$
- 灌装形式 Filling Form: 伺服活塞灌装 servo piston filling
- 程序控制 Program Control: PLC&Touch Screen
- 物料接触部分 Material Contact Part: 304 不锈钢
- 气压 Air Pressure: 0.6-0.8MPa
- 料槽容量 Top Tank Capacity: "160L (不同的灌装量和灌装速度, 料槽容量不一定 depends on the machine size) "
- 保护装置 Protection Device: 缺料停机报警 filling material shortage shutdown and alarm

### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

Npack 提供完整的自动酱汁装瓶解决方案——从酱汁制备到最终码垛。我们根据您的特定瓶子类型、尺寸和生产能力需求设计和制造酱汁灌装设备。我们的主要粘稠酱料灌装机包括容积式活塞灌装机和转子叶片泵灌装机, 均适用于番茄酱、番茄酱、调味品、蜂蜜、酱汁沙拉等。每种解决方案都经过量身定制, 以平衡性能、成本效益和包装标准。我们的酱料装瓶生产线不仅仅是设备——还包括工厂布局规划、酱料制备技术和完整的交钥匙解决方案, 以帮助您构建完整、高效的生产系统。

Npack offers complete automatic sauce bottling solutions — from sauce preparation to final palletizing. We design and manufacture sauce filling equipment based on your specific bottle type, size, and production capacity needs. Our main filling machines for viscous sauces include volumetric piston fillers and rotor lobe pump fillers, both ideal for ketchup, tomato sauce, dressings, honey, salad sauce, and more. Each solution is tailored to balance performance, cost-efficiency, and packaging standards. Our sauce bottling lines go beyond just equipment — they include plant layout planning, sauce preparation technology, and a full turnkey solution to help you build a complete, efficient production system.

# 润滑油灌装线

## INDUSTRIAL OIL FILLING LINE

>>灌装线 FILLING LINE



>>MULTI-HEAD SERVO PISTON FILLING MACHINE  
多头伺服活塞灌装机

### 选型 SOLUTIONS

- 灌装头数 Filling nozzles : 1-20 heads (optional)
- 灌装范围 Volume Range: 1-5L
- 灌装速度 Filling Speed : about 360-7200bottles/hour
- 灌装精度 Filling Accuracy: ±1%
- 灌装形式 Filling Form : 下潜灌装 (减少物料起泡) diving filling to prevent foaming
- 物料接触部分 Material Contact Part : 304/316 不锈钢
- 气压 Air Pressure : 0.6-0.8MPa
- 保护装置 Protection Device : 缺料停机报警 filling material shortage shutdown and alarm

### 适用产品 APPLICABLE PRODUCTS



>>6 WHEELS SPINDLE SCREW CAPPING MACHINE  
6轮搓盖机

### 选型 SOLUTIONS

- 旋盖速度 capping speed : "60-100 瓶 / 分 (具体速度由盖子和瓶子决定)  
60-100 bottles/min (actual speed depends on cap and bottle size)"
- 盖径 Cap Diameter : 20-120mm
- 瓶高 Bottle Height : 45-460mm
- 功率 Power : 1600W
- 气压 Air Pressure : 0.6-0.8MPa
- 选配 Option : 理盖机 Cap Sorter

# NP-IC单头旋盖机

## SINGLE-HEAD CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 人机界面设定, 操作直观便捷, PLC 控制, 操作简便, 自动计数。
2. 伺服控制, 扭矩可控, 可在触摸屏上调节旋盖力, 从而调节旋盖松紧度。
3. 配备进口光电传感器, 无瓶不封盖, 内置停机保护功能。
4. 采用 304 不锈钢材质, 外形美观, 使用寿命长, 完全符合 GMP 要求。

1.Human-machine interface setting, intuitive and convenient operation, PLC control, easy operation, automatic counting.

2.Servo control, the torque is controllable, and the capping force can be adjusted on the touch screen, thereby adjusting the tightness of the capping.

3.Equipped with imported photoelectric sensor, no bottle without capping, and built-in shutdown protection function.

4.It is made of 304 stainless steel, Beautiful appearance, long service life, fully comply with GMP requirements.

### 选型 SOLUTIONS

型号 /Item No.	NP-IC	瓶盖直径 / Cap Diameter	Up to 70MM
封盖头 /Capping Head	1 Head	电压 / 功率 Voltage/Power	220VAC 50/60Hz 450W
产量 / Production Capacity	12-30BPM depending on bottle sizes and shapes	驱动方式 /Driven way	Servo Motor
		屏幕/Interface	DALTA Touch Screen
瓶高 / Bottle Height	Up to 460MM		

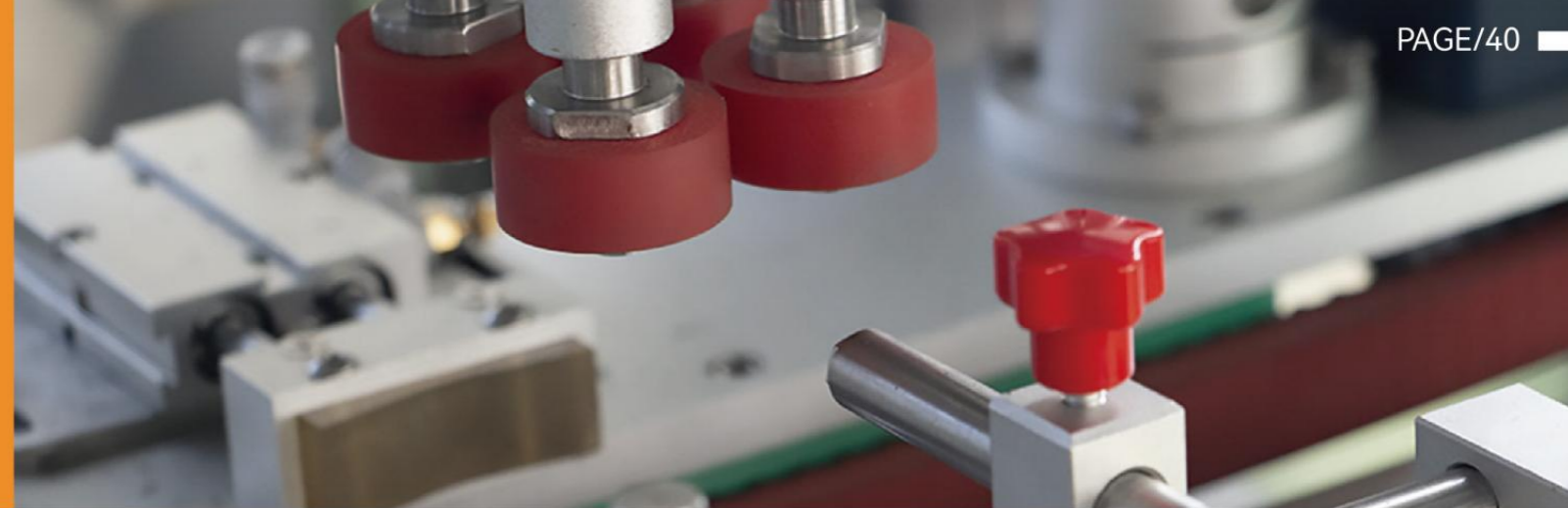
# NP-SC四轮旋盖机

## FOUR-WHEEL CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 自动送盖系统, 振动盘。
2. 无需工具即可调整不同尺寸的封盖系统。
3. 产量与灌装机相同, 但最高速度为每分钟 40 瓶。
4. 无瓶不封盖。
5. 触摸屏控制面板, 可保存封盖程序。
6. 机身采用符合 GMP 标准的 304 不锈钢材质。
7. 采用触摸屏控制。
8. 可根据不同尺寸和形状的瓶盖和瓶子进行调节。
9. 可选配瓶夹皮带系统, 提升封盖速度, 最高可达每分钟 40 瓶。
10. 集成施耐德 PLC 数字控制系统和高科技触摸屏, 操作简便。

1. Automatic cap feeding system, vibrating tray.
2. No tools requirements for different size adjust for capping system.
3. Output meet the filling machine, but max 40 bottles/ min.
4. No bottle No capping.
5. Control panel with touch screen. capping programs saving.
6. Machine's body of SS 304. GMP standard stainless steel.
7. Controlled by touch screen.
8. Adjustable for different sizes and shapes of caps and bottles
9. Bottle Clamp belt bottle in system is optional for upgrade capping speed, up to 40BPM
10. Integrated digital control with Schneider PLC and high-tech touch screen controls for easy operation.

### 选型 SOLUTIONS

型号 /Item No.	NP-SC	电压 / 功率 Voltage/Power	220VAC 50/60Hz 450W
产量 /Production Capacity	25-35BPM	驱动方式 /Driven way	Motor with 4 wheels
瓶盖直径 /Cap diameter	Up to 70MM	屏幕 /Interface	DALTA Touch Screen
瓶高 /Bottle Height	Up to 460MM	备件 /Spare Parts	Capping Wheels

# NP-LC六轮旋盖机

## SPINDLE CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 该机器的六个主轴轮确保瓶盖操作的一致性和准确性,是制药和食品生产等行业的理想选择。
2. 该机器配备两个机械离合器,可在封盖过程中提供精确的扭矩控制。伺服电机驱动可增强性能。
3. 便捷的前部旋钮调节功能可快速切换,以适应不同的瓶盖尺寸和类型,简化设置和产品之间的转换。
4. 无振动送料系统确保稳定的瓶盖供应,同时最大限度地降低噪音和振动,存储容量高达 800 个瓶盖(取决于尺寸)。
5. 该机器可处理直径从 8 毫米到 120 毫米的各种瓶盖尺寸,包括 400 瓶盖、410 瓶盖和 CRC 瓶盖,提供多功能包装。
6. 快速简便的产品转换减少了停机时间,从而为生产活动腾出了更多时间。

1. The machine's six main spindle wheels ensure consistent and accurate cap application, ideal for industries like pharmaceuticals and food production.
2. Equipped with two mechanical clutches, the machine provides precise torque control during capping. A servo motor drive is available for enhanced performance.
3. Easy front knob adjustments allow quick changes to accommodate different cap sizes and types, simplifying setup and transitions between products.
4. A non-vibratory feeder system ensures steady cap supply while minimizing noise and vibration, with a storage capacity of up to 800 caps (depending on size).
5. This machine can handle cap sizes ranging from 8 mm to 120 mm, including 400 caps, 410 caps, and CRC caps, offering versatility in packaging.
6. Quick and easy changeovers between products reduce downtime, allowing more time for manufacturing activities.

### 选型 SOLUTIONS

型号 /Item No.	NP-LC	主轴封盖机尺寸 /Spindle capping machine dimension	L1060*W896*H1620mm
产量 / Production Capacity	0~200b/m (subject to bottles and cap size)	电压 /Voltage	AC 220V 50Hz
		功率 /Power	1600W
瓶口和瓶盖直径 /Bottle and cap diameter	Φ10~120 subject to samples	重量 /Weight	500kg
		瓶盖供料系统 /Cap Feed system	Elevator feeder
瓶高 /Bottle Height	40~380mm		
尺寸 /Dimension	L880×W1000×H2600mm		

# NP-PC压盖机

## PRESSING CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 采用 304/316 级不锈钢制成,耐腐蚀性强,使用寿命长。
2. PLC 控制可有效监控机器,提高生产效率并减少人为错误。
3. 中英文触摸屏操作简便,确保自动化系统无缝集成到各种工业流程中。
4. 瓶子夹紧带设计灵活,可根据不同高度和形状的瓶子的具体要求轻松调整。
5. 封盖速度快,可快速精确地封盖瓶子或容器,显著提高生产效率。
6. 可与灌装机、贴标机等其他设备组成生产线,提高包装过程的自动化程度。
7. 只需调整封盖机上的夹紧装置和封盖组件,无需更换任何部件,节省成本和资源。
8. 易于调整,可最大程度减少生产停机时间,从而最大限度地提高生产效率。
9. 此用户友好功能使不同专业水平的操作员都能方便高效地操作封盖机。

1. Made of 304/316 grade stainless steel, with strong corrosion resistance and long service life.
2. PLC control allows effective monitoring and control of the machine, increasing productivity while reducing human error.
3. The English and Chinese touch screen for easy operation ensures seamless integration of automation into a variety of industrial processes.
4. The bottle clamping belt is designed with utmost flexibility, allowing it to be easily adjusted according to the specific requirements of bottles with varying heights and shapes.
5. Its fast capping speed allows for quick and precise sealing of bottles or containers, resulting in significant productivity improvements.
6. Forming a production line with other machines, such as filling machine and labelling machine, increases automation of the packaging process.
7. By solely adjusting the clamping devices and capping components on the capping machine, there is no need to replace any parts, saving both cost and resources.
8. The ease of adjustment ensures that production downtime is minimized, maximizing productivity in manufacturing operations.
9. This user-friendly feature makes it convenient for operators with varying levels of expertise to operate the capping machine efficiently.

### 选型 SOLUTIONS

型号 /Item No.	NP-PC	功耗 /Power Consumption	<0.75KW
适用瓶型范围 / Applied bottle range	100ml-1000ml	气压 /Air Pressure	0.4-0.6Mpa for cap elevator
	1000ml-5000ml	速度控制 /Speed Control	Frequency Conversion
适用瓶盖尺寸 / Applied cap size	Dia:12-120mm	单机噪音 /Single machine noise	<=70Db
		重量 /Weight	450kg
旋盖产率 /Yield of capping	>99.9%	尺寸 /Dimension (LxWxH)	1800x900x1600(mm)
电源 /Power Supply	220V 50HZ	Production Capacity	1000-7200 bottles/h

# NP-RC轧盖机

## ROPP CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 集自动上盖、旋盖和旋盖功能于一体,运行快速、高效、稳定。
2. 可处理各种瓶形,包括圆形、方形和异形瓶。
3. 只需简单调整瓶盖,即可轻松更换瓶型。
4. 高品质电气和气动元件,确保可靠性和耐用性。
5. 紧凑的设计确保了不同规格的稳定性和灵活性。
6. 可调节缓冲转盘,确保操作流畅。
7. 可根据铝盖应用定制速度。
8. 自动启停功能,提高效率。
9. 多功能旋盖机,适用于各种瓶盖类型。
10. 高度自动化、稳定、易于调整,适用于食品、药品、化学品和化妆品。

1. Combines automatic lid placement, fastening, and screw capping for fast, efficient, stable operation.
2. Handles various bottle shapes, including round, square, and irregular.
3. Easy bottle specification changes with simple lid adjustments.
4. High-quality electrical and pneumatic components ensure reliability and durability.
5. Compact design ensures stability and flexibility for different specifications.
6. Adjustable buffer turntable for smooth processing.
7. Customizable speed for aluminum cover application.
8. Automatic start-stop function for better efficiency.
9. Versatile capping machine for various cap types.
10. Highly automated, stable, and easy to adjust, suitable for food, pharmaceuticals, chemicals, and cosmetics.

### 选型 SOLUTIONS

型号 /Item No.	NP-RC	上盖率 /Yield of cap	99%
产量 / Production Capacity	1800-2000b/h(Customized capacity based on demand)	尺寸 /Dimension	2000x1000x1500mm
		功耗 /Power consumption	0.8KW
适用盖型 /Suitable cap	Aluminum Cap	重量 /Weight(kg)	600kgs

# NP-VC真空旋盖机

## VACUUM CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 该机器使用真空泵对玻璃瓶进行抽真空和封盖。
2. 兼容各种三螺旋或四螺旋金属盖,应用范围广泛。
3. 采用变频调速,可满足不同的生产需求。
4. 无需更换零件,即可快速轻松地更换瓶子,确保高度灵活性。
5. 通过 PLC 和触摸屏人机界面进行操作,控制直观、操作简便。
6. 主要部件采用食品级 304 不锈钢制成,经久耐用且卫生。
7. 适用于密封各种形状和尺寸的玻璃瓶。瓶子和瓶盖自动输送至真空室,进行排气和安全封盖。

- 1.This machine uses a vacuum pump for vacuuming and capping glass bottles.
- 2.Compatible with various three- or four-screw metal caps, offering broad application versatility.
- 3.Features frequency conversion for adjustable speed to meet different production demands.
- 4.Quick and easy bottle changeovers without replacing parts, ensuring high flexibility.
- 5.Operated via PLC and touch screen HMI for intuitive control and easy operation.
- 6.Main components are made from food-grade 304 stainless steel, ensuring durability and hygiene.
- 7.Ideal for sealing glass bottles of all shapes and sizes. Bottles and caps are automatically transported to the vacuum chamber for air removal and secure capping.

### 选型 SOLUTIONS

型号 / Item No.	NP-VC	最大真空度 /Max vacuum	-0.08mpa
功率 /Power	≤2.3KW(including the vacuum pump)	压盖扭转 /Capping torsion	5-20N.M
		耗气量 /Air consumption	0.6M3/0.7Mpa
产量 /Production capacity	2200-2400 BPH	尺寸 /Dimensions	about2100×900×1630mm 750X1060X1400mm
瓶盖直径 /Cap diameter	φ 30- φ 55mm φ 50- φ 85mm	重量 /Weight	about 850kg
瓶高 /Bottle height	80-250mm		
瓶径 /Bottle diameter	φ 30- φ 85mm		

# NP-TC跟踪式旋盖机

## TRACKING CAPPING MACHINE

>>封盖设备CAPPING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 带扭矩控制的伺服系统可精确设定瓶盖拧紧度,并提供可定制的封盖选项。
2. 整机采用 304 不锈钢制成,经久耐用、卫生且耐腐蚀,是工业用途的理想选择。
3. 送盖系统支持各种瓶盖类型,并提供可定制的选配,例如瓶盖升降器或振动器,确保灵活性。
4. 除封盖头外,可快速、免工具调节不同尺寸的瓶子和瓶盖,简化了换瓶流程。
5. 封盖头与瓶子同步移动,防止溢出,并可连续运动而无需停止瓶子。
6. 易于在不同瓶盖和瓶子之间切换,使其能够高度适应各种包装需求。
7. 拾放系统确保瓶盖放置成功率高,确保封盖一致可靠。
8. 封盖安全可靠,不会损坏瓶子或瓶盖,从而保持产品质量和外观。

- 1.The servo system with torque control enables precise cap tightness settings, offering customizable capping options.
- 2.Made entirely of 304 stainless steel for durability, hygiene, and corrosion resistance—ideal for industrial use.
- 3.Cap feeding system supports various cap types with customizable options like a cap elevator or vibrator, ensuring flexibility.
- 4.Quick, tool-free adjustments for different bottle and cap sizes, except for the capping head, streamline changeovers.
- 5.Synchronized capping heads move with bottles, preventing spills and allowing continuous motion without stopping bottles.
- 6.Designed for easy switching between different caps and bottles, making it highly adaptable for varied packaging needs.
- 7.The pick-and-place system offers a high success rate in cap placement, ensuring consistent and reliable capping.
- 8.Delivers secure capping without damaging bottles or caps, preserving product quality and presentation.

### 选型 SOLUTIONS

型号 /Item No.	NP-TC Series	瓶盖直径 /Cap Diameter	18-120mm
速度 /Speed	40pcs/Min base on one heads 80pcs base on two heads	功率 /Power	3.5KW for single head capping
		气压 /Air Pressure	0.6-1Mpa
帽型 /Cap Type	Screw cap,snap caps	电压 /Voltage	380V, 50Hz/60Hz
瓶径 /Bottle Diameter	30-120mm customized	重量 /Weight	800KG
瓶高 /Bottle Height	50-380mm	尺寸 /Dimension	2200mm*1400mm * 2250mm

# NP-TS双面贴标机

## TWO SIDES LABELING MACHINE

>>贴标设备LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 采用进口触控式人机界面, 全中英显示, 只要按照显示屏上说明操作, 不需任何经验, 即可轻松上线, 大大缩短人员训练时间; 可任意设定生产速度, 能自动调整生产速度, 可配合任何生产线之速度作最有效生产运作。
2. 电机采用进口贴标系统、西门子 PLC 及功能模块, 进口伺服电机出标稳定性及同步性极高, 反应速度最快达 300 次 / 分, 且扭力强, 永不失步。
3. 功能强大, 一台机可实现 4 种产品的单面和双面贴标 (圆瓶、扁瓶、方瓶、异形瓶)。
4. 采用了双侧刚性塑胶同步导向链条, 自动保证瓶子对中性, 对工人放瓶和流水线对接进瓶要求低, 大大降低工人作业或流水线对接难度, 可单机生产, 也可接流水线生产。
5. 配置弹压式压顶机构, 保证产品输送平稳, 且有效消除瓶高的本身误差。
6. 配置自动分瓶机构, 导瓶前自动分开间距, 保证后续导瓶、输送和贴标的稳定性。
7. 配置两重覆标机构, 首次保证贴标精度, 二次挤压式覆标, 有效消除气泡和保证标签头尾处贴紧。
8. 智能控制, 自动光电追踪, 具备无物不贴标, 无标自动校正和标签自动检测功能, 避免浪费标签和漏贴。
9. 设备主要材料采用不锈钢和高级铝合金, 符合 GMP 生产规范, 整体结构牢固, 美观大方。

1. PLC CONTROL, Automatically check the length of labels.
2. Equipped with warning device of insufficient labels, broken labels.
3. No bottle, no labeling
4. No labels, no labeling.
5. Servo motor control, stable labeling
6. The label head is adjustable for different size of bottles.
7. It fits for different sizes of labels.
8. The height of label height is adjustable to fit different label position on the bottle.
9. The angle of label head is adjustable.

### 选型 SOLUTIONS

型号 / Item No.	NP-TS
产量 / Capacity	30-100 瓶 / 分 BPM (速度可调, 视物件大小及标签长度而定 / Depending on bottle sizes and label size)
精度 / Accuracy	±1mm
瓶子直径 / Bottle Diameter	Φ25-120mm 或定制 Or Customized
瓶高 / Bottle Height	高度 25mm ~ 300mm (可根据客户要求定做) Or Customized
标签规格 / Label Size	高度 10mm ~ 150mm 长度 15 ~ 300mm (特殊规格可定做) Or Customized
纸卷内径 / Label Roll	I.D. Φ76mm O.D.: Φ320 (Max.)
纸卷内径 / Label Roll	500KG
电源 / POWER	1500W 220VAC 1P

# NP-RL自动圆瓶贴标机

## ROUND BOTTLE LABELING MACHINE

>>贴标设备 LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 适用范围广，可满足圆瓶的全周贴标或半圆周贴标，瓶子间贴标切换简单，调整方便。
  2. 贴标精度高，细分步进电机或伺服电机驱动送标，送标准准；标带绕行纠偏机构设计，保证标签牵引过程中不左右偏移；偏心轮技术应用于牵引机构，牵引标签不打滑，确保出标精准。
  3. 坚固耐用，采用三杆调整机构，充分利用三角形的稳定性，整机坚实耐用。
  4. 稳定性高，西门子 PLC、西门子触摸屏、松下伺服电机组成的高级电控系统，支持设备 7x24 小时运转。
  5. 应用灵活，可单机生产或接流水线生产，生产现场布局简单。
  6. 智能控制，自动光电追踪，具备无物不贴标，无标自动校正和标签自动检测功能，防止漏贴和标签浪费。
  7. 触摸屏操作界面，全中文注释和完善的故障提示功能，各种参数调整简单快捷，操作方便。
  8. 功能强大，具有生产计数功能，省电功能，生产数设定提示功能，参数设置保护功能，方便生产管理。
1. PLC CONTROL, Automatically check the length of labels.
  2. Equipped with warning device of insufficient labels, broken labels.
  3. No bottle, no labeling.
  4. No labels, no labeling.
  5. Servo motor control, stable labeling.
  6. The label head is adjustable for different size of bottles.
  7. It fits for different sizes of labels.
  8. The height of label height is adjustable to fit different label position on the bottle.
  9. The angle of label head is adjustable.

### 选型 SOLUTIONS

型号 /Item No.	NP-RL
产量 /Capacity	120-250 瓶 / 分 BPM(速度可调,视物件大小及标签长度而定 /Depending on bottle sizes and label size)
精度 /Accuracy	±1mm
瓶子直径 /Bottle Diameter	Φ25-120mm 或定制 Or Customized
瓶高 /Bottle Height	高度 25mm ~ 300mm(可根据客户要求定做)Or Customized
标签规格 /Label Size	高度 10mm ~ 150mm 长度 15 ~ 300mm(特殊规格可定做) Or Customized
纸卷内径 /Label Roll	I.D. Φ76mm O.D.: Φ320(Max.)
纸卷内径 /Label Roll	200KG
电源 /POWER	550W 220VAC 1P

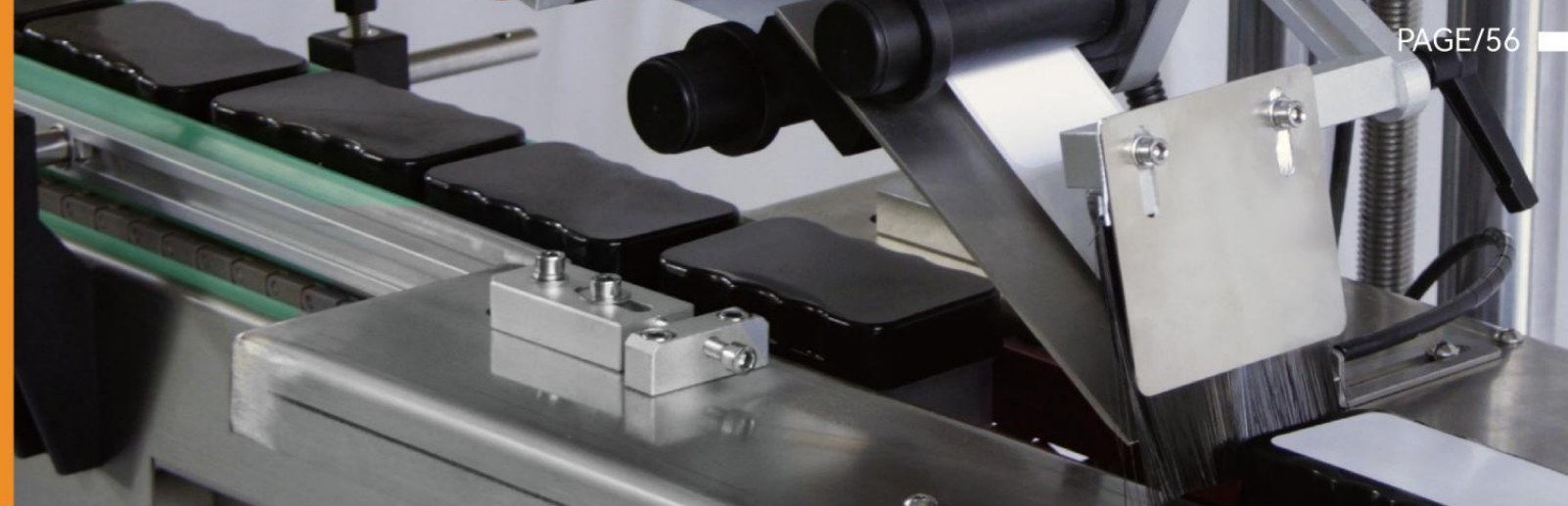
# NP-L平面贴标机

## FLAT SURFACE LABELING MACHINE

>>贴标设备 LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 适用范围广,可满足圆瓶、方瓶、扁瓶的盖子以及其它负载无的顶面贴标,瓶子间贴标切换简单,调整方便。
2. 贴标精度高,细分步进电机或伺服电机驱动送标,送标精准;标带绕行纠偏机构设计,保证标签牵引过程中不左右偏移;偏心轮技术应用于牵引机构,牵引标签不打滑,确保出标精准。
3. 坚固耐用,采用三杆调整机构,充分利用三角形的稳定性,整机坚固耐用。稳定性高,西门子 PLC、西门子触摸屏、松下伺服电机组成的高级电控系统,支持设备7x24小时运转。
4. 应用灵活,可单机生产或接流水线生产,生产现场布局简单。
5. 智能控制,自动光电追踪,具备无物不贴标,无标自动校正和标签自动检测功能,防止漏贴和标签浪费;触摸屏操作界面,全中文注释和完善的故障提示功能。
6. 各种参数调整简单快捷,操作方便。
7. 功能强大,具有生产计数功能,省电功能,生产数设
8. 定提示功能,参数设置保护功能,方便生产管理。

1. PLC CONTROL, Automatically check the length of labels.
2. Equipped with warning device of insufficient labels, broken labels.
3. No bottle, no labeling.
4. No labels, no labeling.
5. Servo motor control, stable labeling.
6. The label head is adjustable for different size of bottles.
7. It fits for different sizes of labels.
8. The height of label height is adjustable to fit different label position on the bottle.
9. The angle of label head is adjustable.

### 选型 SOLUTIONS

型号 /Item No.	NP-L
产量 /Capacity	120-250瓶/分 BPM (速度可调,视物件大小及标签长度而定/Depending on bottle sizes and label size)
精度 /Accuracy	±1mm
瓶子直径 /Bottle Diameter	Φ25-120mm 或定制 Or Customized
瓶高 /Bottle Height	高度 25mm ~ 300mm(可根据客户要求定做) Or Customized
标签规格 /Label Size	高度 10mm ~ 150mm 长度 15 ~ 300mm(特殊规格可定做) Or Customized
纸卷内径 /Label Roll	I.D. Φ76mm O.D.: Φ320(Max.)
纸卷内径 /Label Roll	200KG
电源 /POWER	550W 220VAC 1P

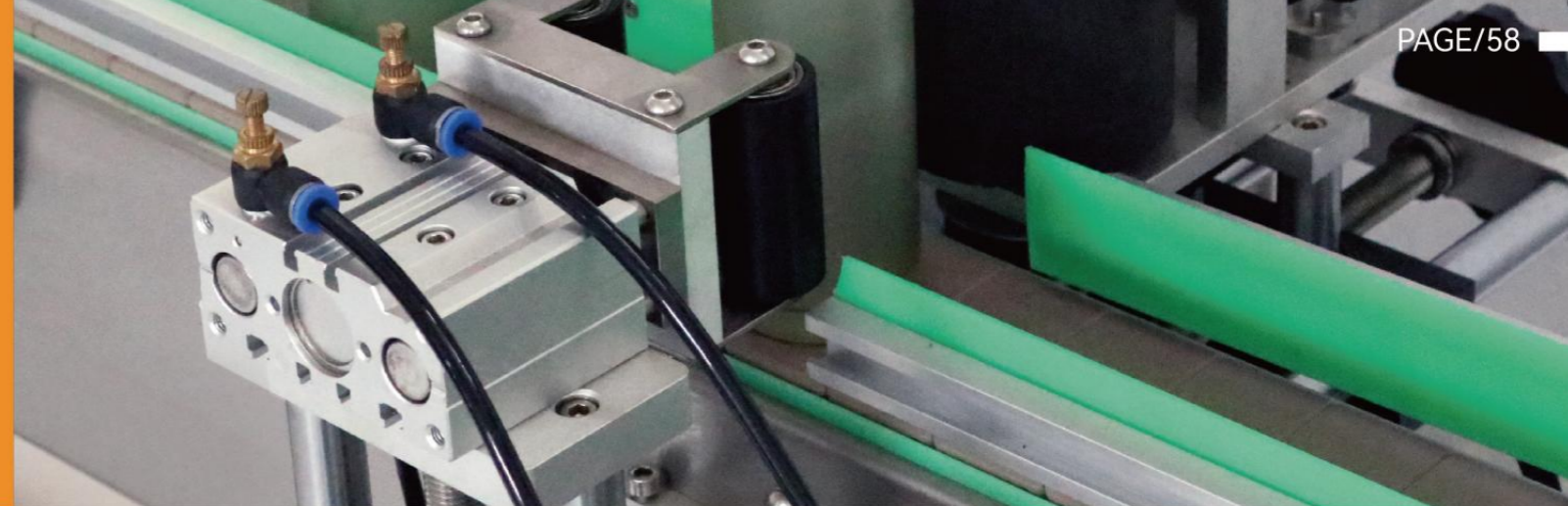
# NP-OL定位贴

## ORIENTATION LABELING MACHINE

>>贴标设备 LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

1. 定位不干胶贴标机以达到合理化的生产目标而设计。
2. 贴标过程均自动化作业，操作简单，生产速度快，贴标位置统一、美观、整齐。
3. 适用于制药、化工、食品等行业圆形容器贴标，可贴全周贴标和半圆周贴标。
4. 可选配色带打码机和喷码机，贴标同时实现打印生产批号、生产日期等信息。
5. 实现贴标喷码一体化，减少包装工序，提高生产效率。

1. Positioning sticker machine to achieve reasonable production goals and design.

2. The labeling process is automatic operation, simple operation, fast production speed, uniform labeling location, beautiful, neat.

3. Applicable to pharmaceutical, chemical, food and other industries, circular containers labeling full circle and semi-circle labeling can be affixed.

4. Optional Ribbon Printer and inkjet printer, label-printing production batch number, production date and other information.

5. Realize the integration of label and spurt code, reduce packaging process, improve production efficiency.

### 选型 SOLUTIONS

型号 /Item No.	NP-OL
产量 /Capacity	30 ~ 50b/m(速度可调,视物件大小及标签长度而定)
精度 /Accuracy	±1mm
瓶子直径 /Bottle Diameter	高度 H100mm ~ 400mm(可根据客户要求定做)
瓶高 /Bottle Height	Φ30 ~ 130mm(直径跨度大需更换卡瓶模具)
标签规格 /Label Size	高度 H20mm ~ 150mm 长度 L15 ~ 300mm(特殊规格可定做)
纸卷内径 /Label Roll	I.D. Φ76mm O.D.: Φ320(Max.)
纸卷内径 /Label Roll	200KG
电源 /POWER	550W 220VAC 1P

# NP-GDP全自动旋转式高速贴标机

## FULL AUTOMATIC HIGH SPEED ROTARY LABELING MACHINE

>>贴标设备LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 1. 精准的产品定位, 方便贴标**  
该系统通过机械校准实现产品的精准定位, 并利用容器的形状和特定的锚点来提高贴标的可靠性。
- 2. 多维可调贴标头**  
贴标头可进行多方向调节, 包括角度和位置, 并配有清晰的位置指示器, 确保精准对准。所有调节机构均无需工具, 可快速便捷地进行设置。
- 3. 高精度部件**  
所有结构部件均采用数控加工, 确保高精度和机械精度, 从而提高设备的整体可靠性和稳定性。
- 4. 稳定的瓶子处理机构**  
采用同步螺旋送料器和星轮, 确保瓶子进出顺畅, 支持高速运行, 稳定可靠, 最大程度减少干扰。
- 5. 高性能伺服电机**  
该系统配备 1500W 高扭矩、超低惯量进口伺服电机, 贴标速度可达每分钟 60-160 米, 贴标精度高达  $\pm 0.2$  毫米。
- 6. 高速生产兼容性**  
该设备可支持高达每小时 48,000 瓶的生产速度, 非常适合与高速灌装生产线集成, 显著提高效率并降低生产成本。
- 7. 全伺服电子齿轮系统**  
主轴和瓶子处理部件(进瓶 / 出瓶星轮)采用全伺服控制的电子齿轮系统。这减少了机械传动误差, 降低了故障率和噪音, 并提高了机器的灵活性和控制精度。

- 1. Precise Product Positioning for Labeling**  
The system supports accurate product positioning through mechanical alignment, utilizing the container's shape and specific anchor points to enhance labeling reliability.
- 2. Multidimensional Adjustable Labeling Heads**  
Labeling heads can be adjusted in multiple directions, including angle and position, with clear position indicators for precise alignment. All adjustment mechanisms are tool-free, allowing for quick and convenient setup.
- 3. High-Precision Components**  
All structural components are CNC-machined to ensure high precision and mechanical accuracy, contributing to the overall reliability and stability of the equipment.
- 4. Stable Bottle Handling Mechanism**  
The use of synchronized screw feeders and star wheels ensures smooth bottle infeed and outfeed, supporting high-speed operation with stability and minimal disruption.
- 5. High-Performance Servo Motor**  
Equipped with a 1500W high-torque, ultra-low-inertia imported servo motor, the system achieves labeling speeds of 60-160 meters per minute with a labeling accuracy of up to  $\pm 0.2$  mm.
- 6. High-Speed Production Compatibility**  
Capable of supporting production speeds up to 48,000 bottles per hour, the machine is ideal for integration with high-speed filling lines, significantly increasing efficiency and reducing production costs.
- 7. Full-Servo Electronic Gear System**  
The main spindle and bottle handling components (infeed/outfeed star wheels) utilize a fully servo-controlled electronic gear system. This reduces mechanical transmission errors, lowers the failure rate and noise, and enhances the machine's flexibility and control precision.

### 选型 SOLUTIONS

型号/Item No.	NP-GDP8	NP-GDP12	NP-GDP18	NP-GDP24	NP-GDP36
生产速度/Production rate	12000BPH	20000BPH	30000BPH	38000BPH	48000BPH
适用产品外径/ Applicable product diameter	35-95mm	35-95mm	35-95mm	35-95mm	35-95mm
适用产品高度/ Applicable product height	130-310mm	130-310mm	130-310mm	130-310mm	130-310mm
额定功率/Power Rated	6kW	6kW	9kW	9kW	11kW
使用气压/ Operating air pressure	0.6MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa
适用产品高度/ Applicable product height	L2170*W1750 (输送线Transmission line)*H2150mm	L2170*W1750 (输送线Transmission line)*H2150mm	L2520*W2000 (输送线Transmission line)*H2150mm	L2720*W2000 (输送线Transmission line)*H2150mm	L2000*W2800 (输送线Transmission line)*H2100mm
贴标精度 /Labeling accuracy	$\pm 1$ mm	$\pm 1$ mm	$\pm 1$ mm	$\pm 1$ mm	$\pm 1$ mm
标签最大宽度/ Label max width	195mm	195mm	195mm	195mm	195mm
适用标签卷内径/ Label inner diameter	$\Phi 76.2$ mm	$\Phi 76.2$ mm	$\Phi 76.2$ mm	$\Phi 76.2$ mm	$\Phi 76.2$ mm
适用标签卷外径/ Label outer diameter	$\Phi 400$ mm	$\Phi 400$ mm	$\Phi 400$ mm	$\Phi 400$ mm	$\Phi 400$ mm

# NP-HML 热熔胶贴标机

## HOT MELT GLUE LABELING MACHINE

>>贴标设备 LABELING EQUIPMENTS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 1. 先进的连续贴标技术**  
本机器采用连续式工艺进行标签切割、粘贴和贴标,无需预切或堆叠标签。配备施耐德伺服电机和西门子 PLC,运行简单、稳定、可靠。
- 2. 精准贴标**  
容器由星轮间隔并引导,然后由随瓶子旋转的真空滚筒进行贴标,确保贴标平稳、紧密、精准。
- 3. 高速性能**  
每小时最高可达 38,000 瓶,可轻松与灌装生产线集成,提高生产效率并降低成本。
- 4. 快速切换设计**  
星轮和导轨无需工具即可拆卸,可快速切换瓶型。瓶身无需螺丝即可插入,防止刮伤。自动升降系统无需手动解锁即可调节瓶子高度。
- 5. 全伺服控制**  
伺服驱动的主轴和星轮可减少机械误差、噪音和故障,提供灵活而精准的机器控制。

### 1. Advanced Continuous Labeling

This machine uses a continuous process to cut, glue, and apply labels—no need for pre-cut or stacked labels. Equipped with Schneider servo motors and Siemens PLC for simple, stable, and reliable operation.

### 2. Accurate Label Application

Containers are spaced and guided by star wheels, then labeled by a vacuum drum that rotates with the bottle to ensure smooth, tight, and precise labeling.

### 3. High-Speed Performance

Supports up to 38,000 bottles/hour and integrates easily with filling lines to boost production efficiency and lower costs.

### 4. Quick Changeover Design

Tool-free disassembly of star wheels and guides for fast format changes. Screwless bottle entry prevents scratching. The automatic lifting system adjusts bottle height without manual unlocking.

### 5. Full Servo Control

Servo-driven spindle and star wheels reduce mechanical errors, noise, and failures—offering flexible and precise machine control.

### 选型 SOLUTIONS

型号/Item No.	NP-HML
生产速度/Production speed	20000-38000BPH (最终以实际瓶型为准 The actual bottle type shall prevail)
贴标精度/Labeling accuracy	±1mm
标签最大宽度/ The maximum width of the label	15-150mm (可以根据实际产品尺寸进行调整) 15-150mm (Can be adjusted according to the actual product size)
瓶子直径/Bottle diameter	35-95mm (可以根据实际产品尺寸进行调整) 35-95mm (Can be adjusted according to the actual product size)
瓶子高度/Bottle height	130-310mm (可以根据实际产品尺寸进行调整) 130-310mm (Can be adjusted according to the actual product size)
适用纸卷内径/ Applicable paper roll inner diameter	3 英寸 (也可选用 6 英寸) 3 inches (Optionally 6 inches)
适用纸卷外径/ Applicable paper roll outer diameter	Φ500mm
上胶温度 /Gluing temperature	120-160°C
整机尺寸 /Overall size	L2720*W2000*H2150mm
使用电源 /Power supply	380V 50Hz 19kW Three-phase 380V/50Hz 19kW (三相)
使用气压 /Operating air pressure	0.8MPa

# NP-S半自动式灌装机

## SEMI-AUTOMATIC FILLING MACHINE

>>灌装设备FILLING EQUIPMENTS



### >>SEMI-AUTOMATIC FILLING MACHINE

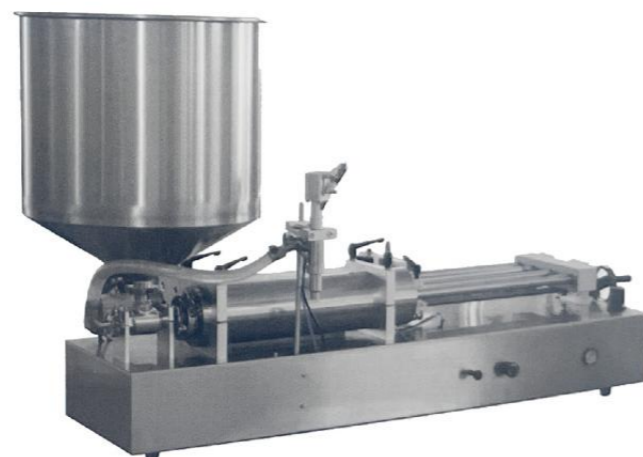
#### 半自动灌装机

型号 /Item No.	NP-S-1000
名称 /Product	半自动灌装机 SEMI-AUTOMATIC FILLER
灌装范围 /Filling Range	100-1000ML
灌装精度 /Filling Accuracy	+/-1-2ML
气压 /Air Pressure	0.6MPA
产量 /Product Capacity	10-30BPM(瓶 / 分钟)
驱动方式 /Driven	纯气动 /All Pneumatic
适用物料 /Applied Liquid	无泡粘稠和非粘稠液体、膏体 Viscous and non-viscous liquid and paste without foam

### >>SEMI-AUTOMATIC FILLING MACHINE

#### 半自动灌装机

型号 /Item No.	NP-S-5000
名称 /Product	半自动灌装机 SEMI-AUTOMATIC FILLER
灌装范围 /Filling Range	500-5000ML
灌装精度 /Filling Accuracy	+/-5ML
气压 /Air Pressure	0.6MPA
产量 /Product Capacity	6-20BPM(瓶 / 分钟)
驱动方式 /Driven	纯气动 /All Pneumatic
适用物料 /Applied Liquid	无泡粘稠和非粘稠液体、膏体 Viscous and non-viscous liquid and paste without foam



### >>SEMI-AUTOMATIC

#### WEIGHTING FILLING MACHINE

#### 半自动称重灌装机

型号 /Item No.	NP-SWF30
品 /Product	半自动称重灌装机
大秤量 /Max Weight:	30kg
小感量 Min. Weight:	10g
装误差 Accuracy:	±10-20g(视灌装速度 /Depending on Speed)
装速度 /Speed:	100-150 桶 / 小时 (视进料流速 / Depending on flow speed)
用容器 /Container:	≤Φ350xh500mm
爆等级 /EX:	不防爆 /Non-EX
用电源 /Power:	AC220/50Hz
用气源 /Air Pressure:	0.4-0.8Mpa
构材质 /Structure:	SUS304SS
头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
源接口 /Air Hose:	8mm

### >>EXPLOSION-PROOF SEMI-AUTOMATIC

#### WEIGHTING FILLING MACHINE

#### 防爆型半自动称重灌装机

型号 /Item No.	NP-SWF30EX
产品 /Product	防爆型半自动称重灌装机
最大秤量 /Max Weight:	30kg
最小感量 Min. Weight:	10g
灌装误差 Accuracy:	±10-20g(视灌装速度 /Depending on Speed)
灌装速度 /Speed:	100-150 桶 / 小时 (视进料流速 / Depending on flow speed)
适用容器 /Container:	≤Φ350xh500mm
防爆等级 /EX:	EXdiaIIBT4
使用电源 /Power:	AC220/50Hz
使用气源 /Air Pressure:	0.4-0.8Mpa
结构材质 /Structure:	SUS304SS
枪头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
气源接口 /Air Hose:	8mm



### >>EXPLOSION-PROOF SEMI-AUTOMATIC

#### WEIGHTING FILLING MACHINE

#### 防爆型半自动称重灌装机

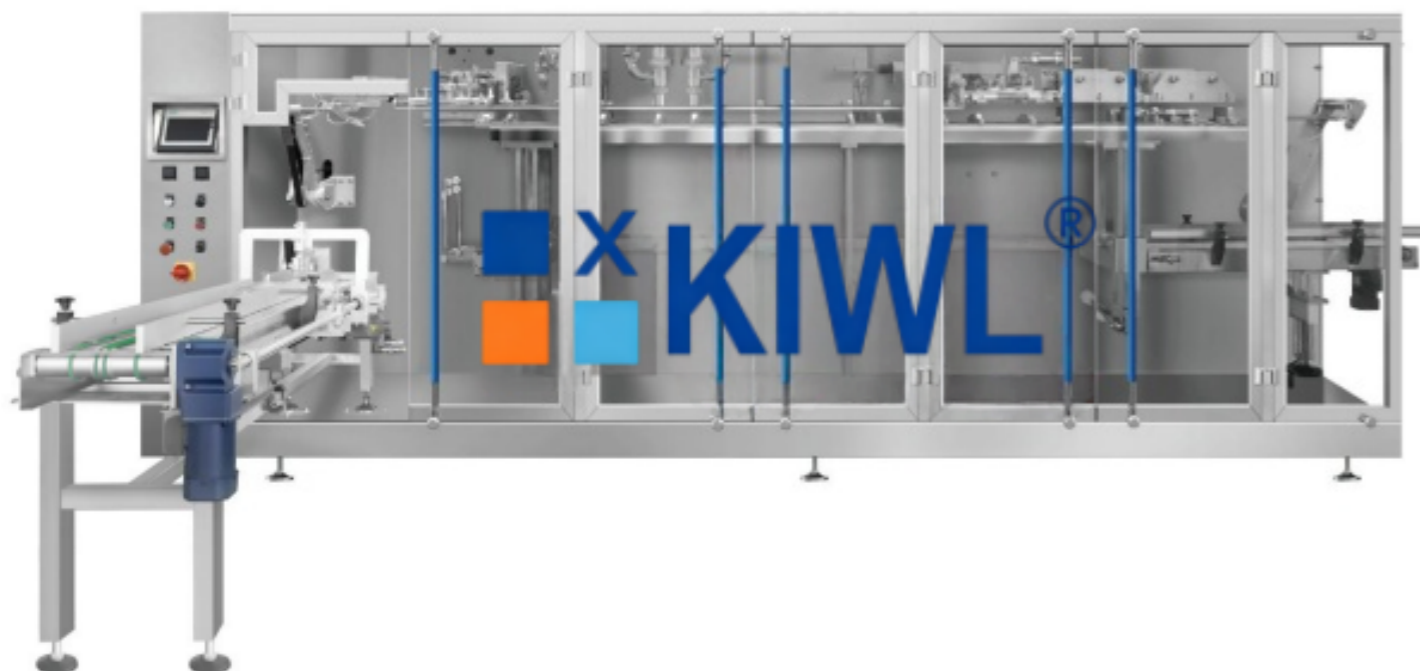
型号 /Item No.	NP-SWF300EX
产品 /Product	防爆型半自动称重灌装机
最大秤量 /Max Weight:	30kg
最小感量 Min. Weight:	100g
灌装误差 Accuracy:	±0.1% 视灌装速度 /Depending on Speed)
灌装速度 /Speed:	45-60 桶 / 小时 (视进料流速 / Depending on flow speed)
适用容器 /Container:	≤Φ600xh1000mm
防爆等级 /EX:	EXdiaIIBT4
使用电源 /Power:	AC220/50Hz
使用气源 /Air Pressure:	0.4-0.8Mpa
结构材质 /Structure:	SUS304SS
枪头管路 /Contact Parts:	SUS304SS/TEFLON/SUS316L
气源接口 /Air Hose:	8mm



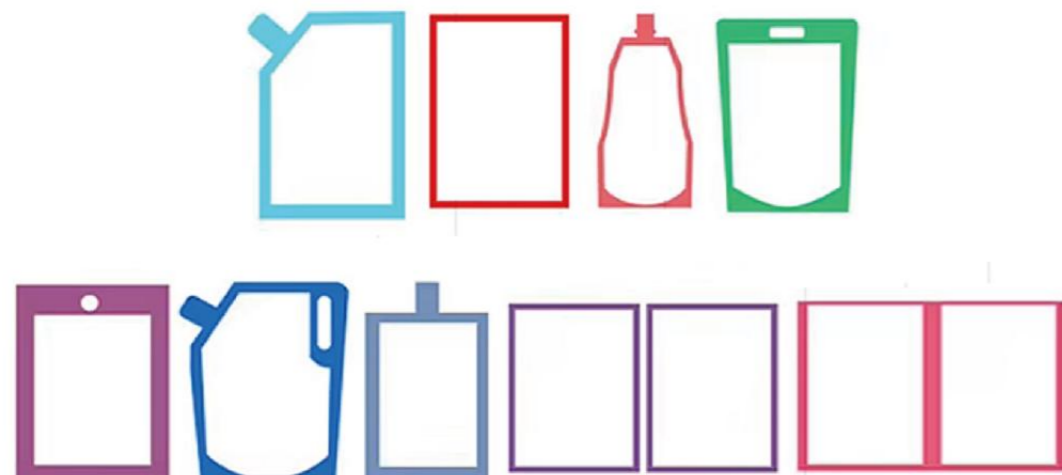
# NP-PP给袋式全自动水平式包装机

## PREMADE POUCH PACKING MACHINE

>>其他OTHERS



### 适用产品 APPLICABLE PRODUCTS



## 特点 FEATURES

- 1. 智能检测系统**  
配备光电传感器和 PLC 控制,实时监控包装袋位置、填充量和封口温度,确保产品质量。
- 2. 高精度伺服驱动**  
伺服电机控制取袋、开袋和封口,定位误差 $\leq\pm 1\text{mm}$ ,确保运行稳定精准。
- 3. 模块化设计**  
快速更换模具和部件,支持三边封、四边封和背封等多种包装袋类型,最大程度减少停机时间。
- 4. 食品级接触材料**  
关键部件采用 304/316L 不锈钢制成,符合 GMP 和 HACCP 卫生标准。
- 5. 易清洁结构**  
无死角设计;部分型号支持 CIP(就地清洗),满足高卫生要求。
- 6. 一体化线性设计**  
简洁的线性结构将预制袋的顶部填充和封口功能集成在一个紧凑的单元中。
- 7. 不锈钢结构,维护成本低**  
耐用的不锈钢结构,包装袋移动平稳连续,尺寸调整快捷。
- 8. 适用于各种包装袋类型**  
支持各种尺寸和形状的包装袋;可根据不同应用进行定制。

- 1. Intelligent Detection System**  
Equipped with photoelectric sensors and PLC control for real-time monitoring of bag position, filling volume, and sealing temperature, ensuring product quality.
- 2. High-Precision Servo Drive**  
Servo motors control bag picking, opening, and sealing with a positioning error of  $\leq\pm 1\text{mm}$ , ensuring stable and accurate operation.
- 3. Modular Design**  
Quick changeover of molds and parts supports various bag types like three-side, four-side, and back seals, with minimal downtime.
- 4. Food-Grade Contact Materials**  
Key components are made of 304/316L stainless steel, compliant with GMP and HACCP hygiene standards.
- 5. Easy-to-Clean Structure**  
Designed with no dead angles; some models support CIP (Clean-in-Place) to meet high sanitation requirements.
- 6. Integrated Linear Design**  
Simple linear structure combines top filling and sealing for pre-made pouches in one compact unit.
- 7. Stainless Steel Construction, Low Maintenance**  
Durable stainless steel build with smooth, continuous pouch movement and fast size adjustments.
- 8. Versatile for Various Pouch Types**  
Supports a wide range of pouch sizes and shapes; customizable to fit different applications.

## 选型 SOLUTIONS

型号/Item No.	180NP-PP	210NP-PP	240NP-PP	280NP-PP	330NP-PP	400NP-PP	460NP-PP
袋子尺寸范围/ Pouch Size	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm	(min)90×140mm (max)180×300mm
最大装量/ Filling Volume	1000ml	1500ml	2000ml	3000ml	5000ml	7000ml	8000ml
包装速度/ Packaging Speed	$\leq 45$	$\leq 45$	$\leq 45$	$\leq 45$	$\leq 45$	$\leq 40$	$\leq 40$
设备尺寸/Size	2400×2400 ×1400mm	2550×2600 ×1400mm	2880×2600 ×1400mm	3200×2600 ×1500mm	3520×2600 ×1600mm	4400×2600 ×1400mm	4900×2600 ×1400mm
设备重量/Weight	1100kg	1200kg	1400kg	1500kg	2500kg	3000kg	3500kg
设备功率/Power	3.5kw	4.5kw	5.5kw	5.5kw	5.5kw	7.5kw	7.5kw
耗气量/ Air consumption	400L/min	400L/min	450L/min	450L/min	500L/min	550L/min	550L/min

# NP-W洗瓶机

## BOTTLE WASHER

>>其他OTHERS



### 适用产品 APPLICABLE PRODUCTS



### 特点 FEATURES

- 耐用结构:** 这款洗瓶机采用 304/316 不锈钢制成, 具有耐腐蚀、稳定性高且维护成本低的特点。
- 用户友好界面:** 易于使用的控件可快速调整、实时监控和故障排除, 确保运行平稳。
- 先进技术:** 离子空气 / 水冲洗系统可有效去除瓶子上的灰尘和污染物, 确保更高的产品质量和安全性。
- 高速清洗:** 能够在高速生产线上快速彻底地清洗瓶子, 且不会影响清洁度。
- 低耗水量:** 与传统方法相比, 离子空气冲洗系统可减少用水量, 从而促进可持续发展并降低成本。
- 用途广泛:** 适用于各种尺寸和形状的瓶子, 非常适合有不同包装需求的企业。
- 集成生产线:** 轻松与灌装、封盖和贴标机集成, 提高整体生产效率。

**1.Durable Construction:** Made with 304/316 stainless steel, the bottle washing machine offers corrosion resistance, stability, and low maintenance costs.

**2.User-Friendly Interface:** Easy-to-use controls allow quick adjustments, real-time monitoring, and troubleshooting for smooth operation.

**3.Advanced Technology:** The ionized air/water rinsing system effectively removes dust and contaminants from bottles, ensuring better product quality and safety.

**4.High-Speed Cleaning:** Capable of quickly and thoroughly washing bottles on high-speed production lines without compromising cleanliness.

**5.Low Water Consumption:** The ion air flushing system reduces water usage compared to traditional methods, promoting sustainability and cutting costs.

**6.Versatile Application:** Suitable for various bottle sizes and shapes, making it perfect for businesses with different packaging needs.

**7.Integrated Production Line:** Easily integrates with filling, capping, and labeling machines to enhance overall production efficiency.

### 选型 SOLUTIONS

型号 /Item No.	NP-W	速度 /Speed:	20-60b/m
功率 /Power	220V 1Phase, 0.75KW	冲洗头 /Rinsing Heads	4,6,8,10 12 and 16 heads
适用容器 /Applied Container	Plastic Bottles, Glass Bottles, Jars	气压 /Air Pressure	0.6MPA

# 配件

## ACCESSORIES

>>其他OTHERS

>>CAP SORTER ELEVATOR

### 提升机

1. 耐用的输送链条：配备高强度、耐磨的工业用板链，延长使用寿命，减少维护。
2. 304 不锈钢结构：耐腐蚀性强，易于清洁和维护。
3. 大型储料斗：容量 150L，可容纳大量瓶盖，提高效率并减少频繁加料。
4. 可调节升降速度：无级可调的升降速度确保满足不同生产需求的稳定、精确的性能。
5. 安静运行：低噪音、运行稳定，创造更舒适、高效的工作环境。
6. 简单的线性结构：易于安装、维护和操作；可针对不同的盖子类型和应用进行定制。

1. Durable Conveyor Chain: Equipped with high-strength, wear-resistant plate chains for industrial use, extending service life and reducing maintenance.
2. 304 Stainless Steel Construction: Strong corrosion resistance, easy to clean and maintain.
3. Large Storage Hopper: 150L capacity for holding abundant caps, improving efficiency and reducing frequent refilling.
4. Adjustable Lifting Speed: Infinitely adjustable lifting speed ensures stable, precise performance for different production needs.
5. Quiet Operation: Low noise and stable running create a more comfortable and efficient working environment.
6. Simple Linear Structure: Easy to install, maintain, and operate; customizable for different cap types and applications.

型号 /Item No.	NP-CSE
瓶盖直径 /Cap Diameter	20-120mm
尺寸 /Dimensions	H2550*L1090*W800mm
重力 /Weight	200KG



>>BOTTLE FEEDING  
&COLLECTING TURNTABLE  
理瓶收瓶设备



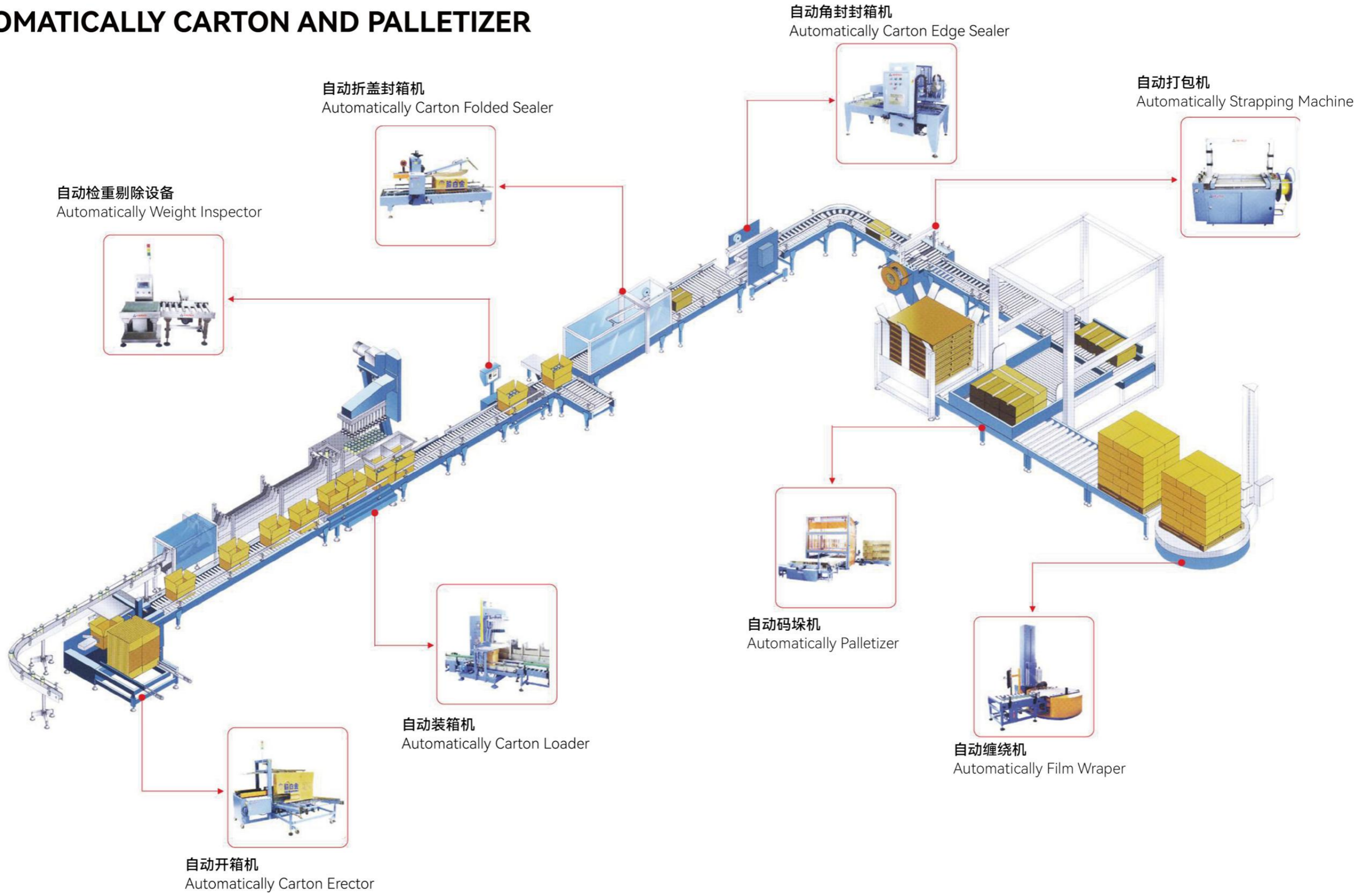
1. 功能先进，操作简单，结构紧凑，全机采用技术成熟。
2. PLC 控制系统，使整机运行稳定、高速。
3. 操作系统采用触摸屏控制，操作简便、实用、效率高。
4. 机身采用不锈钢材质，保证瓶子清洁无污染。
5. 进口电器原件，性能稳定，故障率极低。
6. 具有卡瓶停机，设备异常时报警等功能。
7. 连线使用时，拥有输送堵瓶报警功能，处理后快速启动。
8. 相对传统理瓶机体积小、速度快，结构简单，重量是其一半，移动运输方便。
9. 使用范围广，一机多用且适应性强，圆瓶、方瓶均能整理，更换产品不用更换模具配件。

1. With advanced functions, simple operation and compact structure, adopts mature PLC control system to make the machine run stably at high speed.
2. The operating system adopts touch screen control, which is simple, practical and efficient.
3. The body is made of stainless steel to ensure the bottle is clean and free of pollution.
4. Imported electrical components, stable performance and extremely low failure rate.
5. With the alarm function for bottle stuck shut-down and machine abnormal.
6. When connected, it has the function of alarming the bottle jam during transportation, and it can restart quickly.
7. With a smaller size, faster speed, simpler structure, lighter weight, and convenient transport, comparing with the traditional bottle unscrambler.
8. Wide range of use, multi-purpose and strong adaptability, can apply to round and square bottles, no need to change mold parts when changing bottles.

Distription	NP-LPJ2400
Speed	40-70 Depending on Bottles
Air Pressure	0.7MPa
Air Consumption	0.4M3/min
Applied bottles	Samples for confirmation
Power	4.5KW
Weight	1.8T

# 自动装箱码垛解决方案

## AUTOMATICALLY CARTON AND PALLETIZER



# 鑫紫鲸服务 OUR SERVICE

## KIWL -从始至终的全方位包装支持

客户承诺  
KIWL凭借高品质的包装设备和快速响应的服务，与您建立持久的合作关系。我们的支持团队可为您提供订单、故障排除和现场维修方面的帮助。我们的目标是：在每个阶段都超越您的期望。

- 1. 售前支持**  
遇到独特的包装挑战？我们随时准备为您提供帮助。  
我们需要：  
\*产品样品  
\*包装图纸或原型

我们提供：  
\*根据您的需求定制的设备推荐  
\*标准设备的基础培训计划

- 2. 项目管理**  
专职项目经理将指导您完成：  
\*收集技术细节  
\*跟踪进度和时间表  
\*提供验证支持和文档

- 3. 卓越制造**  
所有设备均在我们环保的工厂内制造，并配备：  
\*熟练的员工和内部工程师  
\*精密加工和MRP系统  
\*现场装配和设备测试

- 4. 全线集成**  
NPACK设计和安装完整的包装生产线。  
我们确保所有设备在机械和电子方面无缝衔接，确保运行平稳可靠。  
您将获得完整的系统安装、培训和文档支持。

- 5. 定制工程**  
需要一些特别的服务吗？  
我们提供：  
\*定制机器设计  
\*设备升级和改造  
\*随着产量增长，提供优化生产线的解决方案

- 6. 安装与培训**  
我们的技术人员将：  
\*安装和微调您的机器  
\*执行换型、调整和预防性维护  
\*现场培训您的团队，确保设备平稳运行

- 7. 售后与维护**  
我们的客户服务团队通过电话或现场提供快速友好的支持。  
我们提供：  
\*故障排除（机械、电气软件）  
\*维护计划  
\*设备性能跟踪  
\*可靠的保修和持续的技术支持

## KIWL - Total Packaging Support from Start to Finish

**Customer Commitment**  
At KIWL, we build lasting relationships through high-quality packaging machines and responsive service. Our support team helps with orders, troubleshooting, and on-site repairs. Our goal: exceed your expectations at every stage.

- 1.Pre-Sales Support**  
Have a unique packaging challenge? We're ready to help.  
What we need:  
\* Product samples  
\* Drawings or prototypes of your packaging

What we provide:  
\* Equipment recommendations tailored to your needs  
\* Basic training plans for standard machines

- 2.Project Management**  
A dedicated Project Manager will guide you through:  
\* Collecting technical details  
\* Tracking progress and timeline  
\* Providing validation support and documentation

- 3. Manufacturing Excellence**  
All machines are built in our environmentally friendly facility, with:  
\* Skilled staff and in-house engineers  
\* Precision machining and MRP systems  
\* On-site assembly and equipment testing

- 4.Full Line Integration**  
NPACK designs and installs complete packaging lines.  
We ensure all machines work seamlessly—mechanically and electronically—for smooth, reliable operation.  
You get full system installation, training, and documentation support.

- 5. Custom Engineering**  
Need something special?  
We offer:  
\* Custom machine design  
\* Equipment upgrades and modifications  
\* Solutions to optimize your line as production grows

- 6. Installation & Training**  
Our technicians will:  
\* Install and fine-tune your machines  
\* Perform changeovers, adjustments, and preventive maintenance  
\* Train your team on-site for smooth operation

- 7. After-Sales & Maintenance**  
Our customer service team offers fast, friendly support by phone or on-site.  
We provide:  
\* Troubleshooting (mechanical, electrical, software)  
\* Maintenance planning  
\* Equipment performance tracking  
\* Reliable warranty and ongoing technical support

## »OUR PARTNER 合作伙伴



## »OUR MARKETS 现有市场

