

 www.zungwan.com
www.cnzpack.com



ZUNGWAN
— 中环智能 —

温州中环智能机械有限公司
Wenzhou zungwan intelligent machine co., ltd.

地址: 温州市高新技术开发区文锦路50号
热线: 13567729000 13566225691
传真: 0577-88116050
服务热线: 0577-57755528

Add: NO.50, Wenjin Road, High-Tech Development Zone, Wenzhou, China.
Tel: 0086-13857753753 13732091108
Fax: 0086-577-88116050
Service Hotline: 0086-577-57755528
E-mail: cnzpack@cnzpack.com

2022年版

食品 | 日化 | 医药包装设备解决方案
**Food, cosmetic, pharmaceutical packaging
equipment solutions**



ZUNGWAN
— 中环智能 —



智能包装机械设备整线解决方案

INTELLIGENT PACKAGING MACHINERY AND EQUIPMENT WHOLE LINE SOLUTION



创新
INNOVATION

智能
INTELLIGENT

科技
TECHNOLOGY



01 中环简介 ZUNGWAN INTRODUCTION

温州中环智能机械有限公司自2008年成立以来，专业研制、开发、生产各种类型的液体、粉剂、膏体、流体、半流体包装机械设备的公司，主要为中高端日化、医药、食品企业提供人力节约，运行稳定、先进的包装智能线。企业通过了ISO9001企业认证体系，部分产品通过欧盟CE质量认证。我公司拥有多项发明专利和实用新型专利。主要产品有：软管灌装封尾机、化妆品小瓶灌装锁盖联动机、油脂食品灌装线、洗涤日化灌装线、农药灌装线、润滑油灌装线、医药制剂预灌装设备、乳化机、装盒机以及装箱、码垛外包装设备。

到目前为止，我公司已经拥有国内客户500多家，国外客户400多家，我公司的质量和诚信受到了国内外客户的一致称赞。我们将把“集成创新，锲而不舍”的精神发扬光大，严于律己，敢为人先，以崭新的姿态、饱满的精神为新老用户提供更好、更完美的服务。

经过10多年的发展，中环机械成为浙江科技型技术企业，成立智能化研发中心，一流的产品质量、高效、快捷的售后服务，锻打出“中环”精品。公司产品畅销国内外地区，持续、改进、提高、发展、不断满足市场、客户的新需求将是我们永恒的主题和对客户的忠诚承诺！

Wenzhou Zungwan Intelligent Machine Co.,Ltd. is the professional equipment manufacturer to keep researching and developing the packing machinery for every type of liquid, powder, cream/ointment, fluid and half-fluid etc. materials. We have Obtained ISO9001 quality management system authentication and parts of our products have passed CE authentication. Our company has obtained more than 20 invention patents and utility model patents. The main products range from nail polish filling machine, perfume machine, perfume filling machine, powder serial automatically volume-measuring packing machine and inline capping machine, rotary capping machine and labeling machine, bottle unscrambler, screw capping machine, tube filling and sealing machine, cartoning machine and other Packaging equipments.

So far we have more than 100 domestic customers and more than 400 foreign customers. The quality of our machines and our service as well as our integrity is acclaimed both in China and abroad. We will carry forward the spirit of "integrated innovation, and perseverance," discipline ourselves to be the first, and provide better and more perfect service for our new and old customers with enthusiasm and a new attitude.

Top-ranking product quality and highly effective and efficient After-Sales Service, refine the excellent product of Zungwan. The products have a great demand in domestic and oversea market, and it is our permanent topic and sincere promise to customers to keep improving high, developing and satisfying customer and meeting market's demand.





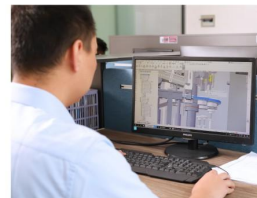
多年来，中环人秉承“诚信、品质、服务”的经营理念，严格执行ISO9001国际质量管理体系的管理制度。坚持以质量为企业的生命，坚持变革创新确保企业永远充满活力。

Over the years, Zungwan personnel have been adhering to the business philosophy of "sincerity, quality and service" and strictly implementing the ISO9001 international quality management system. We regard quality as the life of our enterprise, insist on the tenet that reform and innovation guarantee our enterprise to be permanently vigorous.



科学优化的组织机构是中环机械运作的良好基础。在长期的磨合与实践过程中，中环铸就了一支优秀的经营管理团队。通过对人才的积极引进与培训，在人力资源优化方面获得了显著提升，企业内部管理体制全部完善，部门之间的服务关系和职责分工明确，决策更加灵活，内部信息畅通无阻。

A scientific and optimized organization is the sound foundation for the operation of Zungwan machinery. During the long-term run-in and practice, Zungwan has fostered an excellent operation and management team. Through active introduction and training of talents, we have achieved prominent optimization of human resources, overall improvement of the management system inside our enterprise, clear service relationships and assignment of responsibilities among departments, more flexible decision-making, and smooth internal information exchanges.



04 生产车间 PRODUCTION WORKSHOP



严格的车间现场管理，实行6S管理规定，遵守各项操作规程，安全生产，成为企业的发展动力。不断加强核心技术的研发和创新，不断追求卓越，精益求精，以先进的生产设备，严格的质量管理，保证每一款产品的优良性能。

Strict workshop on-site management, the implementation of 6S regulations, abide by the operating procedures, safety, become the driving force for the development of enterprises. Continue to strengthen the core technology research and development and innovation, the constant pursuit of excellence, excellence, advanced production equipment, strict quality management, to ensure the good performance of each product.





05 装配调试现场 ASSEMBLY AND DEBUGGING SITE

温州中环智能机械有限公司 ZUNGWAN

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我们，在同行业内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, we are the first to introduce foreign advanced production equipment in the industry. In the past few years, we have invested funds to upgrade the hardware facilities and produce high-end quality products that meet international standards with international production facilities.



高端品质

为客户量身定制最满意的设备

High quality, Tailor the most satisfactory equipment for customers

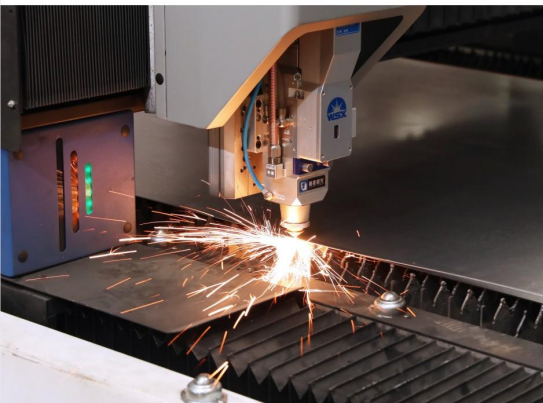


优质服务

为顾客提供及时高效售后保障

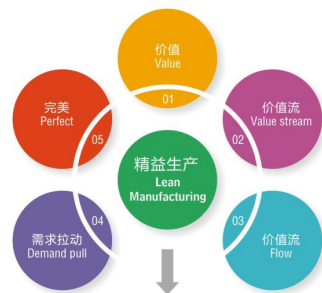
Quality service, Provide customers with timely and efficient after-sales guarantee

06 精益生产装备 LEAN PRODUCTION EQUIPMENT



生产工具是生产力发展水平的标志，先进的生产设备代表了先进的生产力。公司积极引进先进的技术和生产设备，使产品内在品质与外在个性化紧密结合，完全满足并引领工业现代化的需求。

Production tools are an important sign of productivity level. Sophisticated production facilities represent advanced productivity. By introducing superior technology and production facilities continuously, Company perfectly integrates the internal quality of products and the external individual designs to cater for the requirements of industrial modernization.



降低成本，改善质量，缩短生产周期
Reduce costs, improve quality, and shorten production cycles

07 合作交流 COOPERATION AND EXCHANGE



中环智能经过多年的发展，累积了众多的人才与丰富的经验，专业技术和精细的品质吸引了大量的国内外客商。在与他们合作交流中我们更多的意识到品质精益求精、服务极于细致的重要性，合作的过程也是我们成长的历史、学习的经历，我们力求做到更好！

Zungwan Intelligent has accumulated a large number of talents and abundant experience after many years of development. With professional technology and exquisite quality, we have attracted many domestic and overseas customers. During the cooperation and communication with them, we have become more aware of the importance of excellent quality and considerate service. The process of cooperation is also a process of accumulating our experience of growing and learning. We are striving to be better.



A

封尾机
Sealing machine

ZHY-60YP全自动软管灌装封尾机 Plastic tube filling and sealing machine	16
ZHF-1980N软管灌装封尾机 Tube filling & sealing machine	17
ZHF-100YC全自动软管灌装封尾机 Tube filling & sealing machine	18
ZHF-60Z金属软管灌装封尾机 Metal tube filling and sealing machine	19
ZHF-80Z全自动金属软管灌装封尾机 Metal tube filling and sealing machine	20
ZHF-100A全自动软管灌装封尾机 Automatic tube filling and sealing machine	21
ZHF-160高速软管灌装封尾机 High-speed double heads tube filler and sealer	22
ZHDF-160B全自动双头灌装封尾机 Automatic tube filling and sealing machine	23

B

联动机
Linkage machine

ZHSG-1948L液体灌装压塞旋(轧)盖机 Liquid filling plugging and capping machine	24
ZHGP-80N喷雾剂理瓶灌装贴标生产联动线 Spray bottle unscrambling, filling, capping and labeling production line	26
ZHJY-50滚珠瓶精油灌装压塞旋盖机 Essential oil filling & corking & capping machine(ball bottle)	28
DTNX-60XB 滴管盖瓶装-灌装旋盖机 Automatic filling and pump capping machine (dropper bottle)	29
ZHG-50膏霜灌装上贴片/封膜旋盖机 Lotion filling, sealing and capping machine	30
ZHNP-50A指甲油灌装/上刷/旋盖机 Nail polish filling & plugging and capping machine	31
ZHSR-4C全自动水乳膏灌装旋盖一体机 Automatic water emulsion filling and capping machine	32
ZHSR-B转盘式水乳膏灌装旋盖一体机 Lotion cream filling & capping machine	33
ZHFD-1612F粉底液灌装旋盖机 Liquid foundation filling and capping machine	34
ZHLD-1641L液体理瓶-灌装-旋盖-贴标包装机 Liquid bottle filling, capping and labeling packing line	35
ZHJM-40睫毛膏灌装、上刷、旋盖机 Mascara filling & plugging and capping machine	36
ZHJM-1647M眼线液灌装、上刷、旋盖机 Eyeliner filling & plugging and capping machine	37
ZHJM-1647M唇彩灌装、上刷、旋盖机 Lip gloss filling & plugging and capping machine	38
YFYT-50A液体蚊香灌装压塞旋盖联动机 Liquid mosquito repellent filling & plugging & cap	39
ZHS-50香水灌装锁盖机 Perfume filling cap pressing machine	40
ZHL-F40全自动铝膜封口机 Automatic aluminum foil seal machine	41
ZHS-80PM香水灌装锁盖压中套联动机 Perfume filling and capping machine	42
ZHG-50F自动粉剂充填锁盖一体机 Automatic powder filling and capping machine	44
ZH-C十二口/发蜡热灌装充填机 12-Nozzle lipstick filling machine	45
JHGD-10A全自动硅胶口红充填机 Automatic 10 cavities silicone mould lipstick filling machine	46

C

瓶装包装机
Bottle packaging machine

ZH 理瓶、洗瓶、流体灌装、加内塞、防盖旋盖流水线 Production line for high viscosity products(Bulk bottle unscrambler machine, filling machine, capping machine)	48
ZHBL-1910P全自动理瓶机 Automatic bottle unscrambler	50
DLP-100B/200B/500B全自动理瓶机 Automatic bottle unscrambler	51
ZHBS-1928M 活塞灌装线(灌装-旋盖-贴标) Automatic liquid filling machine(filling-capping-labeling)	52
ZHBL-1920N直列活塞式灌装机 Piston filling machine	54

C

瓶装包装机
Bottle packaging machine

ZHBL-1922C直线活塞灌装机 In-line piston filling machine	55
ZHBL-1916H全自动直线式微电脑下潜消泡液体灌装机 Inline type automatic gravity filling machine	56
ZHDP-1924B全自动回转式微电脑定时液体灌装机 Rotating time control liquid filling machine	57
ZHCJ-1926W智能化电脑称重桶装液体灌装机 Intellectual weighing filling machine	58
ZHTW-1P自动充填机(回转式泵浦) Auto filling machine (with rotary lobe pump)	60
ZHGS-2021N跟踪式自动灌装机 Servo tracking filling machine	61
ZHGX-1940C全自动跟随式旋盖机 Full-automatic following capping machine	62
SP-6泵盖旋盖机 Pump capper	63
ZHFX-1936B全自动回转式气动抓盖旋盖机 Autoamtic rotary air claw type capping machine	64
ZHFX-1936B全自动直线式旋盖机 In-line capping machine	65
ZHFG-1938S全自动回转式铝盖压致封口机 Automatic six heads screw thread sealing machine	66

D

袋包装机
Bag packing machine

ZHY-339Y小袋醋包包装机(快餐外卖速食配料醋包包装机) Automatic liquid packing machine	67
ZHB-238J番茄酱包装机/条形芥末酱包装机/辣椒酱包装机 Automatic sachet cream packing machine	68
ZHB-130F高速粉剂包装机 High speed power sachet packing machine	69

E

药品包装机
Medicine packaging machine

ZRJ膏霜真空乳化机 Cream vacuum emulsification blender	70
DTNX-60YA眼药水灌装生产线 Eye drop bottle filling and capping machine	71
DTNX-80T核酸试剂灌装旋盖机 Reagent tube filling capping machine	72
APFS3500全自动预消毒灭菌注射器液体灌装加塞机 Automatic filling and plugging machine for Pre-sterilized syringes	73
ZHLX-1700L口服糖浆包装生产线 Syrup liquid filling packing line	74
DGS-118微型口服液塑料瓶自动成型灌装封机 Automatic forming filling and sealing machine for oral liquid bottle	75
ZHJF-16电子数粒机、塞棉、干燥剂、旋盖、感应封口 Tablet/Capsule electronic counting packing line	76
QGG-750通用型全自动气雾剂灌装机 Automatic aerosol filler	77
ZHGX-60EM开塞露灌装压盖机 Suppository filling and capping machine	78
ZHU-100多功能卧式自动装盒机 Multifunction automatic horizontal cartoning machine	79
ZHJ-200/260多功能自动装盒机 Multifunctional automatic carton machine	80
SLJ-60A全自动立式装盒机 Automatic vertical cartoning machine	81

F

后段包装机
Backpacking machine

ZHTB-60软管贴标机 Tube labeling machine	82
ZHTB01全自动贴标机 Automatic round bottle labeling machine	83
ZHTBS02不干胶双面贴标机 Adhesive front and back labeling machine	84
ZHTBW01卧式圆瓶贴标机 Horizontal round bottle labeling machine	85
ZHTBS01上下面自动贴标机 Top and bottom sides automatic labelling machine	86
ZHSP-100Y智能套标机 Sleeve inserting machine	87
ZHTBJ-120B浆糊贴标机 Automatic glue labeling machine	88
ST-6030AH+SM-6040全自动整列(PE)收缩包装机 Auto (PE) tidy & shrink packager	89
ZH-5545TL型全自动封切机 L Type auto tidy & shrink packaging	90
CPP-600全自动装箱机 Automatic case packing machine	91



ZHY-60YP

全自动软管灌装封尾机

Plastic tube filling and sealing machine

主要特点 Main Feature

- ◆该机结构紧凑、自动上管、传动部分全封闭。
- ◆该机由全自动操作系统完成供管、洗管、识标、灌装、热溶、封尾、打码、修整、出成品全过程。
- ◆由气动方式完成供管、洗管，动作准确可靠。
- ◆Compact design and auto tube feed. Driving part fully-closed.
- ◆Tube washing and feeding marking identification, filling, folding, sealing, code printing and finished product output all conducted by a fully auto control system.
- ◆Tube washing and feeding conducted pneumatically, accurate and reliable.

技术参数 Technical Parameters

- ◆充填容量 Filling volume: 1-250ml/unit (Adjustable)
- ◆充填误差 Filling accuracy: $\leq \pm 1\%$
- ◆生产能力 Capacity: 2400-3000unit/hour, Adjustable
- ◆软管直径 Tube diameter: $\Phi 10-50\text{mm}$
- ◆软管高度 Tube length: 50-200mm
- ◆料桶容积 Hopper volume: 40L
- ◆工作电压 Power: 380V/220V (Optional)
- ◆工作气压 Air pressure: 0.4-0.6Mpa
- ◆机器功率 Machine power: 7KW



ZHF-1980N

软管灌装封尾机

Tube filling & sealing machine

封尾机 SEALING MACHINE A

主要特点 Main Feature

- ◆该机结构紧凑、自动上管、传动部分全封闭。
- ◆该机由全自动操作系统完成供管、洗管、识标、灌装、热溶、封尾、打码、修整、出成品全过程。
- ◆Compact design and auto tube feed. Driving part fully-closed.
- ◆Tube washing and feeding marking identification, filling, folding, sealing, code printing and finished product output all conducted by a fully auto control system.
- ◆Tube washing and feeding conducted pneumatically, accurate and reliable.

技术参数 Technical Parameters

- ◆灌装范围 Filling volume: 1-400ml/unit (Adjustable)
- ◆灌装精度 Filling accuracy: $\leq \pm 0.5\%$
- ◆产量 Capacity: 30-65 unit/Min, Adjustable
- ◆软管直径 Tube diameter: $\Phi 10-50\text{mm}$
- ◆软管高度 Tube length: 80-230mm
- ◆料斗容量 Hopper volume: 45L
- ◆电源 Power: 380V/220V (Optional)
- ◆气压 Air pressure: 0.4-0.6MPa
- ◆主机功率 Machine power: 9KW
- ◆机器尺寸 Dimensions : 2000 x 1160 x 2100mm





ZHF-100YC

全自动软管灌装封尾机
Tube filling & sealing machine

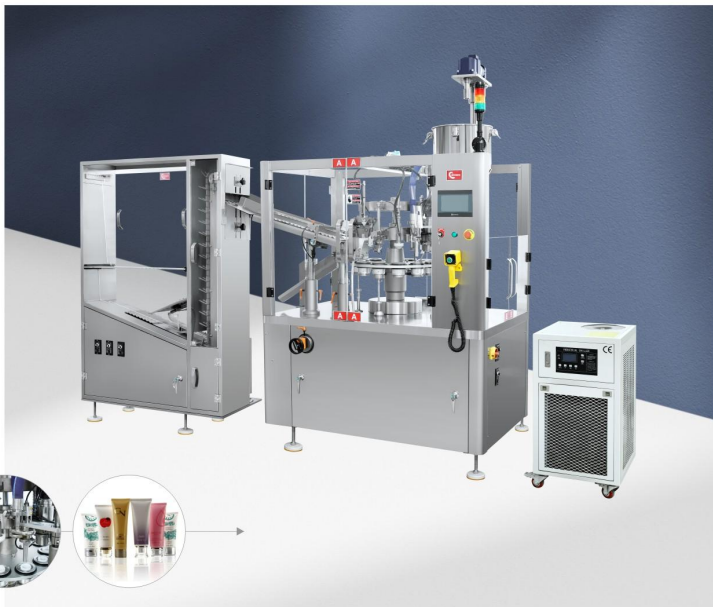
主要特点 Main Feature

- ◆ 该机结构紧凑、自动上管、传动部分全封闭。
- ◆ 该机由全自动操作系统完成供管、洗管、识标、灌装、热溶、封尾、打码、修整、成品全过程。
- ◆ 由气动方式完成供管、洗管，动作准确可靠。
- ◆ Compact design and auto tube feed. Driving part fully-closed.
- ◆ Tube washing and feeding marking identification, filling, folding, sealing, code printing and finished product output all conducted by a fully auto control system.
- ◆ Tube washing and feeding conducted pneumatically, accurate and reliable.

技术参数 Technical Parameters

- ◆ 充填容量 Filling volume: 1-400ml/unit (Adjustable)
- ◆ 充填误差 Filling accuracy: $\leq \pm 0.5\%$
- ◆ 生产能力 Capacity: 4000-4800unit/hour, Adjustable
- ◆ 软管直径 Tube diameter: $\Phi 10-60\text{mm}$
- ◆ 软管高度 Tube length: 50-240mm
- ◆ 料桶容积 Hopper volume: 40L
- ◆ 工作电压 Power: 380V/220V (Optional)
- ◆ 工作气压 Air pressure: 0.4-0.6MPa
- ◆ 机器功率 Machine power: 9KW

多色灌装 Multi-color filling
特种管灌装 Special tube filling
异型封尾 Special-shaped sealing



ZHF-60Z

金属软管灌装封尾机
Metal tube filling and sealing machine

封尾机 SEALING MACHINE A

主要特点 Main Feature

- ◆ 无管不充填。
- ◆ 封尾机械手灵活多能，可通过不同的调整方式，完成二折边，三折边及马鞍形折边。
- ◆ 打字码工作站自动将字码打印在工艺要求的位置上。

Pneumatic tube washing & feeding
Intelligent temperature control and cooling system
316L stainless steel contact parts to meet GMP standard
Automated working process from tube loading to finished products output

技术参数 Technical Parameters

- ◆ 充填容量 Filling volume: 1-120ml/unit (Adjustable)
- ◆ 充填误差 Filling accuracy: $\leq \pm 1\%$
- ◆ 生产能力 Capacity: 2400-3600units/hour (Adjustable)
- ◆ 软管直径 Tube diameter: $\Phi 10-28\text{mm}$
- ◆ 软管高度 Tube length: 50-180mm
- ◆ 料桶容积 Hopper volume: 40L
- ◆ 主机功率 Machine power: 2KW





ZHF-80Z

全自动金属软管灌装封尾机
Metal tube filling and sealing machine

设备适用范围 Equipment Application

化妆品、轻工(日用化工)、制药、食品等行业,用于企业产品选以软管为包装容器,该设备可将油膏、乳膏、凝胶剂或粘度流体等物料灌装之软管内部,然后对软管尾部折叠封尾并打印字码,制出产成品。

Pneumatic Tube Washing & Feeding
Intelligent Temperature Control and Cooling System
316L Stainless Steel Contact Parts to meet GMP Standard
Automated Working process from Tube Loading to Finished Products Output
Automatic Orientation Effected by Photoelectric Induction

包材及灌装物料适用范围 Packaging Materials and Filling Materials For The Scope

- ◆ 铝管、铅管。
- ◆ 油膏、乳膏、凝胶剂及粘度流体。
- ◆ Aluminum tube, lead tube.
- ◆ Ointment, cream, gel and viscosity fluid.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 1-300ml/unit (Adjustable)
- ◆ 灌装精度 Filling accuracy: $\leq \pm 0.5\%$
- ◆ 生产能力 Capacity: 2400-4800units/hour (Adjustable)
- ◆ 软管直径 Tube diameter: $\Phi 10-35\text{mm}$
- ◆ 软管长度 Tube length: 210mm (can order)
- ◆ 主电机功率 Machine power: 2KW
- ◆ 工作电压 Power supply: 380/220 (Optional)



封尾形式 Sealing Type

二折尾、三折尾、鞍形折尾
Two-tailed, three-tailed, saddle tails



ZHF-100A

全自动软管灌装封尾机
Automatic tube filling and sealing machine

适合 USE

塑管、复合管或金属管。
For all plastics tubes, compound tubes and metal tubes.

多色灌装 Multi-color filling
特种管灌装 Special tube filling
异型封尾 Special-shaped sealing

主要特点 Main Feature

- ◆ 该机结构紧凑、自动上管、传动部分全封闭。
- ◆ 该机由全自动操作系统完成供管、洗管、识标、灌装、热溶、封尾、打码、修整、出成品全过程。
- ◆ 由气动方式完成供管、洗管,动作准确可靠。
- ◆ Compact design and auto tube feed. Driving part fully-closed.
- ◆ Tube washing and feeding marking identification, filling, folding, sealing, code printing and finished product output all conducted by a fully auto control system.
- ◆ Tube washing and feeding conducted pneumatically, accurate and reliable.

技术参数 Technical Parameters

- ◆ 适合软管直径 Adapt to the maximal tube diameter:
- ◆ 金属管 Metal tube: 10-35mm
- ◆ 塑料管及复合管 Plastic tube: 10-60mm
- ◆ 最大装量 The maximal volume: 300ml
- ◆ 金属管 Metal tube: 1-150ml
- ◆ 塑料管及复合管 Plastic tube: 1-250ml
- ◆ 生产速度 Produce speed: 60-80支/分(branch/min)
- ◆ 装量精度 Filling precision: $\leq \pm 1\%$
- ◆ 主机功率 The power of machine: 9KW
- ◆ 空气压力 Air pressure: 0.4-0.6mpa





ZHF-160

高速软管灌装封尾机

High-speed double heads tube filler and sealer

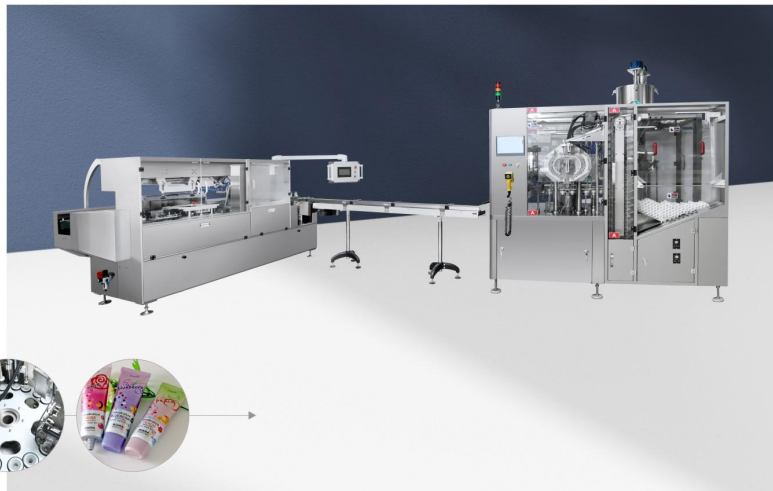
ZHF-160软管灌装封尾机配备2个灌装头，一套双支路送管系统适用于：塑料复合管、铝塑复合管以及金属管(选配)

ZHF-160 tube filling & sealing machine is provided with 2 filling heads and a set of double-branch tube feeding system. Applicable to: plastic composite tubes, aluminum plastic composite tubes and metal tubes(optional)

多色灌装 Multi-color filling
特种管灌装 Special tube filling
异形封尾 Special-shaped sealing

技术参数 Technical Parameters

- ◆ 运转速度 Speed: 160min/(max)
- ◆ 灌装容量 Filling volume: 1-300ml
- ◆ 灌装精度 Filling precision: $\pm 0.5\%$
- ◆ 适合软管长度 Suitable tube length: 50-240mm
- ◆ 适合软管直径 Suitable tube diameter: 10-50mm
- ◆ 电压 Power supply: 380Volt, 50Hz (220Volt, 60Hz)
- ◆ 加热功率 Power of hot-wind generator: 3KW x 2
- ◆ 耗气量 Consumption of compressed air: 1.2 m³
- ◆ 料桶容量 Capacity of hopper: 70L
- ◆ 机器尺寸 Dimensions: 2870 x 1770 x 2340mm



ZHDF-160B

全自动双头灌装封尾机

Automatic tube filling and sealing machine

全自动灌装封尾机是一种对筒状金属软管或复合软管灌装膏状物料并进行封尾的自动化程度较高的设备。符合GMP标准的新型不锈钢蝶阀计量泵，设有螺杆微调机构，称量精确；采用光电识标机构，PLC可编程控制，商标定位精确可靠；变频调速，复开森机构分度定位，采用国际最新型折边封尾机构。

The automatic tube filling and sealing machine is mainly used to filling ointment or viscous fluid materials into Aluminum tube, plastic tube or composite tube. And then seal the tubes tail. Which machine adopts a new type dosing pump with stainless steel butterfly valve which matches with screw tiny adjustment outfit. Measure exactitude also in compliance with the standard of GMP requirement. Adopt PLC program-able control as well as Photoelectricity identify outfit, orientation accurately and reliably, change frequency to control the machine speed, Used FuKaiShen index drives and international advanced tube sealing systems.

技术参数 Technical Parameters

- ◆ 适用软管材料 Tube material: Aluminum/plastic, composite tube
- ◆ 软管直径 Tube diameter: $\phi 11-\phi 50$ mm
- ◆ 灌装量 Dosing range: 2-300 ml
- ◆ 生产能力 Speed: 120-180支/分(branch/min)
- ◆ 电机功率 Motor power: 2.3 KW
- ◆ 外形尺寸 Dimension(L x W x H): 2950 x 1310 x 2300mm
- ◆ 机器重量 Weight: 2000kg





ZHSG-1948L

液体灌装压塞旋(轧)盖机

Liquid filling plugging and capping machine

用途与简介 Usage and Introduction

本机是传统的灌装加塞一体化设备，设计先进，结构合理，能自动完成灌装、理塞、上塞工序，适用于糖浆、酞剂、酒剂等各种物料，具有无瓶不灌装、无瓶不上塞等功能。可单机使用，也可联机使用。

This machine is the traditional filling stopper device integration, advanced design, reasonable structure, can automatically complete the filling, management plug, plug on the process for bran syrup, tincture, alcohol etc. of various materials, with no bottle no filling loaded, no bottle no stopper on the other functions. Can be used alone, but also on-line use.

技术参数 Technical Parameters

- ◆ 适用规格 Applicable standard: 30-500ml
- ◆ 压塞率生产能力 Production capacity: 40-60bottles/min
- ◆ 灌装精度 Filling accuracy: $\leq \pm 1\%$
- ◆ 电源 Power: 380V/50Hz
- ◆ 功率 Power: 1.0KW
- ◆ 机器净重 Net weight: 600 kg
- ◆ 外形尺寸 Dimension: 2500 x 1000 x 1600mm





ZHGP-80N

喷雾剂理瓶灌装贴标生产联动线

Spray bottle unscrambling, filling, capping and labeling production line

用途与简介 Usage and Introduction

本生产线由全自动理瓶机、灌装旋(轧)盖机、立式贴标机组成,可全自动完成理瓶、灌装、旋(轧)盖、贴标打码等工序,主要用于喷雾剂溶液的联线生产。本生产线完全符合国家新版GMP要求。

The line consists of automatic bottle unscrambler, filling rotation (rolling) cover machine, vertical labeling machine components, can be fully automated complete management bottles, filling, rotating (rolling) cover, label coding processes, mainly used Spray the solution on the production line in this production line full compliance with the new GMP requirements.

技术参数 Technical Parameters

- ◆ 适用规格 Applicable standard: 5-150ml
- ◆ 生产能力 Production capacity:
30-45瓶/分(bottles/min) 60-80瓶/分(bottles/min)
- ◆ 灌装精度 Filling accuracy: $\leq \pm 1\%$
- ◆ 旋(轧)盖率 Rotation (rolling) cap rate: $\geq 99\%$
- ◆ 电源 Power: 220V/50Hz
- ◆ 功率 Power: 8 KW
- ◆ 生产线总长 Line length: 7000*1000*1700mm





ZHJY-50

滚珠瓶精油灌装压塞旋盖机

Essential oil filling & corking & capping machine(ball bottle)

技术参数 Technical Parameters

- ◆装量 Filling volume: 5ml、10ml、20ml、30ml
- ◆产量 Speed: 40-50 bottle/min(The maximum production is according to none liquid drop while filling)
- ◆装量精度 Filling accuracy: ≥99%

- ◆落盖成品率 Corking yield rate: ≥99%
- ◆旋盖成品率 Capping yield rate: 99.9%
- ◆主机功率 Power: 1KW 220V single-phase stepless change

该液体灌装机械、气动、自动为一体。它具有自动化程度高，成品率高，适应性广，稳定性好等特点。该机具有自动进瓶，瓶自动检测(有瓶灌装，无瓶不灌装)，自动灌装，自动落外盖，自动旋盖等功能。

This model gathers mechanical, pneumatic, automatic as one unity. Great features such as high automatization and high yield, widely using, good stability make this model more popular. More functions: automatic bottle transit, automatic bottle detecting (No bottle, no filling) and filling, and automatic cap setting and capping. Machine Specification.



DTNX-60XB

滴管盖瓶装-灌装旋盖机

Automatic filling and pump capping machine (dropper bottle)

联动机 LINKAGE MACHINE B

该喷头、滴管盖灌装旋盖机结构上包括了转盘进瓶、自动灌装、自动喷头盖(滴管盖)、旋盖、贴标、收瓶这几个主要工步的装置。

This sprayer pump, glass dropper bottle filling and capping machine includes the turn table feeding bottle, automatic filling, automatic feeding sprayer pumps (glass dropper), capping, labelling and bottle collection table.

该机分为转盘进瓶、蠕动泵灌装、落喷头盖(滴管盖)、预旋盖、伺服旋盖、贴标、收瓶等几个操作。

This production consists of bottle feeding table, peristaltic pump filling, feeding sprayer pump (glass dropper), pre-capping, servo capping, labelling and bottle collection table.

技术参数 Technical Parameters

- ◆装量 Filling volume: 5-100ml
- ◆产量 Speed: 30-40BPM
- ◆装量精度 Filling accuracy: ≥99%
- ◆上盖成品率上内塞成品率 Cap feeding rate: ≥99%
- ◆旋盖成品率 Capping rate: ≥99%
- ◆主机功率 Power: 2KW 220V
- ◆贴标精度 Labelling accuracy: ± 1mm





ZHG-50

膏霜灌装上垫片/封膜旋盖机
Lotion filling, sealing and capping machine

该机具有螺杆自动进瓶, 瓶自动检测(有瓶灌装, 无瓶不灌装, 有瓶落外盖, 无瓶不落外盖), 自动灌装, 自动落外盖, 自动压盖等功能。

This machine has the functions such as automatical screw type bottle feeding, bottle detecting (no bottle no filling, no bottle no cap feeding), filling, cap feeding and capping automatically.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 1~250ml
- ◆ 生产能力 Filling speed: 40bottles/min
- ◆ 灌装精度 Filling precision: ≥99%
- ◆ 落盖成品率 Finished product rate of cap drop: ≥99%
- ◆ 主机功率 Main machine power: 1KW 220V stepless shift



ZHNP-50A

指甲油灌装/上刷/旋盖机
Nail polish filling & plugging and capping machine

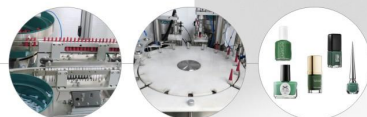
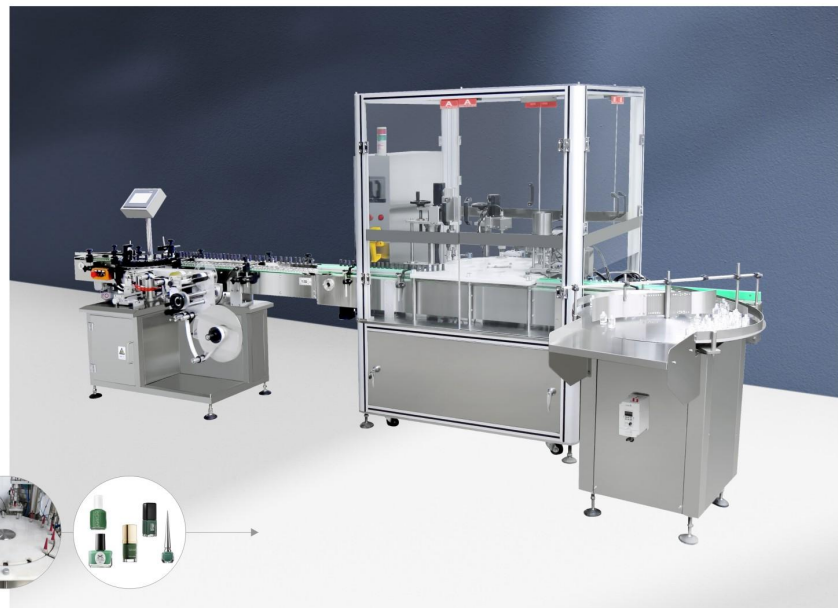
联动机 LINKAGE MACHINE B

指甲油灌装压塞旋盖联动机具有自动灌装、上毛刷、旋盖的功能; 灌装装置采用瓶体定位机构, 解决了指甲油玻璃容器尺寸偏差较大灌装嘴无法进入瓶体的问题。

Nail Polish Filling & Plugging and Capping Machine with functions of automatic filling, loading brush and capping. The filling device adopts bottle positioning mechanism to solve the problem of large size deviation of the nail polish filling glass container that the filling nozzle can not be put into the container.

技术参数 Technical Parameters

- ◆ 主电机功率 Main motor power: 0.75KW
- ◆ 生产速度 Production Capacity: 40pcs/min
- ◆ 灌装量 Filling volume: 5~20ml
- ◆ 气源压力 Air supply pressure: 0.6~0.8Mpa
- ◆ 外形尺寸 Dimension: 175 x 1650 x 1820mm





ZHSR-4C

全自动水乳膏灌装旋盖一体机
Automatic water emulsion filling and capping machine

- ◆水剂、乳液、膏体通用。
- ◆自动填充、打内塞、旋盖、容器排出。
- ◆直线式运作，夹具自动回循环使用。
- ◆夹具可调，换瓶型式只需要简单地调节夹具即可灌装不同瓶型。
- ◆伺服电机控制潜入跟随式灌装，防止灌装时物料外喷，气泡。
- ◆Liquid, lotion, cream generic.
- ◆Automatic filling, within corking, capping, the container is discharged.
- ◆Linear operation, automatic maneuver recycled jig.
- ◆Fixture adjustable, exchange bottle type simply adjust the clamp to fill different bottle.

技术参数 Technical Parameters

- ◆电源 Power: 220V-AC 3KW
- ◆气源 Gas source: 0.4-0.6MPa
- ◆灌装精度 Filling accuracy: $\pm 0.5g$
- ◆灌装范围 Filling range: 30-200ml
- ◆生产能力 Production capacity: 1500-3000bottles/hour
- ◆外形尺寸 Dimensions: 5050 x 1400 x 1850mm



ZHSR-B

转盘式水乳膏灌装旋盖一体机
Lotion cream filling & capping machine

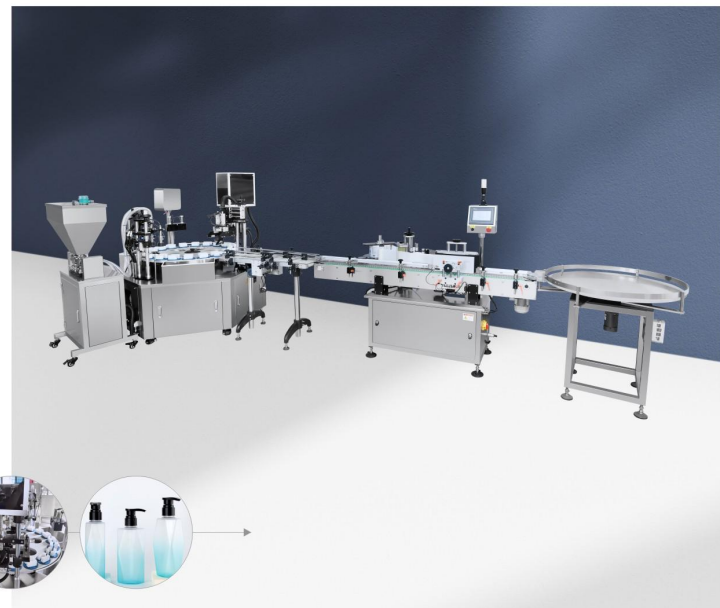
联动机 LINKAGE MACHINE B

主要特点 Main Feature

- ◆可完成容器空气清洗、填充、内塞盖压入、加盖、旋盖、排出等系列作业。本设备可适用于水剂、乳液、膏霜；
- ◆采用双行程式空气洗瓶、灌装、旋盖、出品。(双头)清洗系统采用去除静电的空气、真空回吸，确保容器内无灰尘、无杂质。
- ◆灌装采用伺服电机结合转阀灌装，灌装精度高；可选用跟随式灌装，高泡类产品在填充过程中，不会产生气泡；灌装水溶液产品时，可直接自吸。
- ◆Integrate with air cleaning, filling, inserting, capping and outlet function, suits for fill the water injection, lotion and cream products.
- ◆This machine adopts the double line program air cleaning, filling, capping and outlet. Adopts the static compressed air, vacuum suck which ensure that no dust and impurities inside the container.
- ◆The filling part adopts the servo filling and the rotary valve filling, with high filling accuracy, the submersible filling is optional, when filling the foaming products there will be no bubble, and when filling the water injection products it can self-suck.

技术参数 Technical Parameters

- ◆电压 Power: AC 220V, 2KW
- ◆料筒容量 Material hopper: 40L
- ◆气源 Pressure source: 0.4-0.6MPa
- ◆灌装精度 Filling precision: 99%
- ◆灌装范围 Filling range: 15-250ml
- ◆旋盖范围 Capping range: 15-50mm
- ◆生产速度 Filling speed: 2000-2500bottles/h





ZHFD-1612F

粉底液灌装旋盖机

Liquid foundation filling and capping machine

粉底液灌装旋盖机具有螺杆自动进瓶，瓶自动检测(有瓶灌装，无瓶不灌装，有瓶落外盖，无瓶不落外盖)，自动灌装，自动落外盖，自动压盖等功能。

The Liquid Foundation filling and capping machine has the functions such as automatical screw type bottle feeding, bottle detecting (no bottle no filling, no bottle no cap feeding), filling, cap feeding and capping automatically.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 1-250ml
- ◆ 生产能力 Filling speed: 40bottles/min
- ◆ 灌装精度 Filling precision: ≥99%
- ◆ 落盖成品率 Finished product rate of cap drop: ≥99%
- ◆ 主机功率 Main machine power: 1KW 220V stepless shift



ZHLD-1641L

液体理瓶-灌装-旋盖-贴标包装线

Liquid bottle filling, capping and labeling packing line

联动机 LINKAGE MACHINE B

该机具有理瓶机自动进瓶，瓶自动检测(有瓶灌装，无瓶不灌装，有瓶落外盖，无瓶不落外盖)，自动灌装，自动落外盖，自动压盖等功能。连接贴标机，装盒机等其他连线设备。

This machine has the functions such as automatical screw type bottle feeding, bottle detecting (no bottle no filling, no bottle no cap feeding), filling, cap feeding and capping automatically.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 1-250ml
- ◆ 生产能力 Filling speed: 80-100 bottles/min
- ◆ 灌装精度 Filling precision: ≥99%
- ◆ 落盖成品率 Finished product rate of cap drop: ≥99%
- ◆ 主机功率 Main machine power: 1KW 220V stepless shift





ZHJM-40

睫毛膏灌装、上刷、旋盖机
Mascara filling & plugging and capping machine

睫毛膏灌装压塞旋盖联动机具有自动灌装、上毛刷、旋盖的功能；整机采用PLC控制，具备无瓶体不灌装，无毛刷不上盖功能，操作简单，调节方便。

此机适用于无需加热粘稠类产品，如指甲油、睫毛膏等。

Mascara Filling & Plugging and Capping Machine with functions of automatic filling, loading brush and capping. The whole machine adopts PLC control, with the function of no bottle no filling, no brush no cover, easy operation and adjustment conveniently.

This machine apply to dope material cosmetics product which needn't be heat up, such as nail polish, mascara.

技术参数 Technical Parameters

- ◆ 主电机功率 Main motor power: 0.75KW
- ◆ 生产速度 Production Capacity : 40pcs/min
- ◆ 灌装量 Filling volume: 5-20ml
- ◆ 气源压力 Air supply pressure: 0.6-0.8Mpa
- ◆ 外形尺寸 Dimension: 175 × 1650 × 1820mm



ZHJM-1647M

眼线液灌装、上刷、旋盖机
Eyeliner filling & plugging and capping machine

联动机 LINKAGE MACHINE B

眼线液灌装压塞旋盖联动机具有自动灌装、上毛刷、旋盖的功能；整机采用PLC控制，具备无瓶体不灌装，无毛刷不上盖功能，操作简单，调节方便。

此机适用于无需加热粘稠类产品，如指甲油、睫毛膏、眼线液等。

Eyeliner Filling & Plugging and Capping Machine with functions of automatic filling, loading brush and capping. The whole machine adopts PLC control, with the function of no bottle no filling, no brush no cover, easy operation and adjustment conveniently.

This machine apply to dope material cosmetics product which needn't be heat up, such as nail polish, mascara, eyeliner.

技术参数 Technical Parameters

- ◆ 主电机功率 Main motor power: 0.75KW
- ◆ 生产速度 Production Capacity : 40pcs/min
- ◆ 灌装量 Filling volume: 5-20ml
- ◆ 气源压力 Air supply pressure: 0.6-0.8Mpa
- ◆ 外形尺寸 Dimension: 175 × 1650 × 1820mm





ZHJM-1647M

唇彩灌装，上刷，旋盖机

Lip gloss filling & plugging and capping machine

唇彩灌装压塞旋盖联动机具有自动灌装、上毛刷、旋盖的功能；整机采用PLC控制，具备无瓶体不灌装，无毛刷不上盖功能，操作简单，调节方便。

此机适用于无需加热粘稠类产品，如指甲油、睫毛膏、唇彩等。

Lip gloss filling & plugging and capping machine with functions of automatic filling, loading brush and capping. The whole machine adopts PLC control, with the function of no bottle no filling, no brush no cover, easy operation and adjustment conveniently.

This machine apply to dope material cosmetics product which needn't be heat up, such as nail polish, lip gloss and so on.

技术参数 Technical Parameters

- ◆主电机功率 Main motor power: 0.75KW
- ◆生产速度 Production capacity: 40pcs/min
- ◆灌装量 Filling volume: 5-20ml
- ◆气源压力 Air supply pressure: 0.6-0.8Mpa
- ◆外形尺寸 Dimension: 1750 x 1650 x 1820mm



YFYT-50A

液体蚊香灌装压塞旋盖联动机

Liquid mosquito repellent filling & plugging & capping

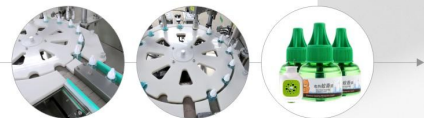
联动机 LINKAGE MACHINE B

本设备适用于日化行业，采用振动盘自动上料，设备主机需要铝型材保护罩，打开保护罩即紧急停机，确保安全并减少噪音。设备由PLC控制各个工位全自动运行，无瓶不灌装，检测设备自动检测良品和不良品，如检测到不论是无内塞，无棒子，或者是无外盖设备都自动停机。人工清理后，开机运行。分类排出并自动计数。

This equipment is applicable to daily chemical industry with automatic vibrating feeding device. Main machine is protected with aluminum protective cover. Emergency stop when protective cover is open to ensure safety and reduce noise. PLC control for each station. No bottle no fill. Automatically detects defective products, such as: products without plug, no stick or no outer cap. Machine stops for these defective products. Will re-operate when these products sorted out. It will count when dismissing finished products.

技术参数 Technical Parameters

- ◆灌装量 Filling volume: 0-100ml
- ◆灌装精度 Filling accuracy: 30ml ± 0.5g 100ml ± 1%
- ◆产能 Production capacity: 1800pcs/h
- ◆成功率 Success ratio: ≥98%
- ◆电源 Power: 3P 380V
- ◆气源 Air pressure: 0.6-0.8MPa
- ◆外形尺寸 Dimension: L4000 x W3000 x H2000mm





ZHS-50

香水灌装锁盖机

Perfume filling cap pressing machine

香水灌装锁盖机集光、机、电、气为一体。

该机具有螺杆自动进瓶，瓶自动检测(有瓶灌装，无瓶不灌装，有瓶落外盖，无瓶不落外盖)，自动灌装，自动落外盖，自动压盖等功能。

Perfume filling cap pressing machine gathers mechanism, pneumatics & electricity with high automatization & rate of finished product and wide adaptability & stability. This machine has the functions such as automatical screw type bottle feeding, bottle detecting (no bottle no filling, no bottle no cap feeding), filling, cap feeding and capping automatically.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 1-50ml
- ◆ 生产能力 Filling speed: 50bottles/min
- ◆ 灌装精度 Filling precision: ≥99%
- ◆ 落盖成品率 Finished product rate of cap drop: ≥99%
- ◆ 主机功率 Main machine power: 1KW 220V stepless shift



ZHL-F40

全自动铝膜封口机

Automatic aluminum foil seal machine

联动机 LINKAGE MACHINE B

本机采用国外先进技术研制而成，主要应用于膏体灌装生产线上护肤品瓶口的铝箔封口；通过机械手自动翻转来实现准确地取、放铝箔，并瞬间热封，达到瓶口的密封，从而使产品包装品质获得较大提高，整机结构紧凑，工作稳定可靠，生产效率高等优点。目前同类产品国内鲜见，妮维雅(上海)公司使用与本机类似的进口机。同时连线完成灌装-上膜-封口-上盖-旋盖自动包装工序。

Adopting international advanced technology, this Machine featuring compact design, stable and reliable, and high efficiency, is mainly applicable for sealing aluminum foil on bottles in paste filling line for skin care products. The sealing on the bottleneck is carried out by automatic and accurate picking and positioning aluminum foil via Robot, and fast heat closing, which improves packaging quality. This is a unique machine in China, which is similar to import one being used by NIVEA (Shanghai) Corporation. Four Machines in first batch have been used in packaging line for paste and cream skin care products in famous company in China.

技术参数 Technical Parameters

- ◆ 加热温度 Heating temperature: 270-350°C
- ◆ 电源电压 Power supply voltage: AC380V 50Hz
- ◆ 用电量 Power: 1.2KW
- ◆ 气源压力 Air consumption: 0.7MPa
- ◆ 用气量 Air pressure: 0.5 m³/min
- ◆ 生产能力 Capacity: 40-50bottles/min
- ◆ 外形尺寸 Overall dimensions: 850 x 680 x 1400mm



特点 Features

- ◆ 机械传动，结构简单，动作可靠；
- ◆ 铝箔封口质量高，封口位置准确，外形美观；
- ◆ 热封温度和时间均可调；
- ◆ 采用PLC控制，触摸屏显示和操作。

- ◆ Compact structure and reliable operation due to mechanical transmission.
- ◆ Aesthetic figure and high quality of sealing with accurate seal position.
- ◆ Adjustable time and temp
- ◆ Control by PLC, display and operation by touch screener ature of heat seal.





ZHS-80PM

香水灌装锁盖压中套联动机
Perfume filling and capping machine

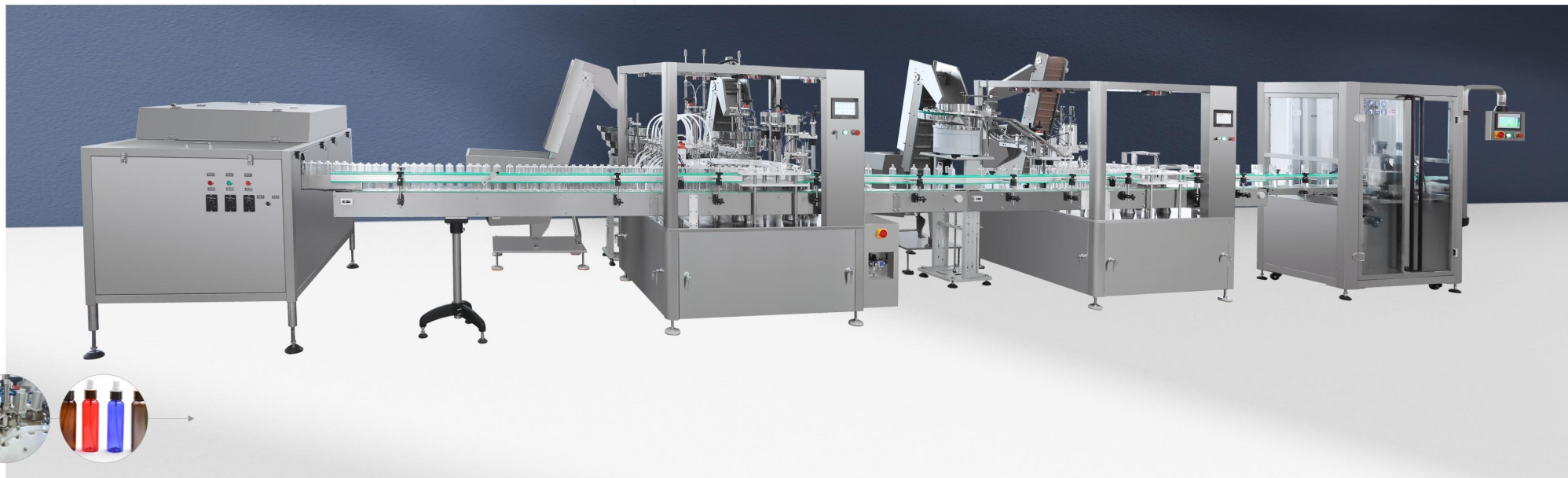
香水灌装压塞旋盖机集光、机、电、气为一体。它具有自动化程度高，成品率高，适应性广，稳定性好等特点。以其技术含量高，适应性好，质量优等特点，为香水灌装生产厂家的理想专用设备！

该机具有自动进瓶或螺杆自动进瓶，瓶自动检测(有瓶灌装，无瓶不灌装，有瓶落内塞，无瓶不落内塞)，自动灌装，自动落内塞，自动落外盖，自动旋盖等功能。

Perfume filling and capping machine gathers optics, mechanism, electricity, pneumatics with high automatization & rate of finished product, wide adaptability & stability, it adopt PLC control, easy operation, convenient adjustment. Due to high technology and good quality, it is ideal equipment for perfume manufacturers! automatic low vacuum filling, auto bottle detecting (no bottle no filling), filling for three times, auto dropping of spray head cap, circulation of perfume bottles' die set, it is wide adaptability which can meet to the requirements of different dimension and filling volume of containers.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 20~250ml
- ◆ 生产能力 Filling speed: 70~80 bottles/min
- ◆ 灌装精度 Filling accuracy: ≥99%
- ◆ 灌装成品率 Finish products rate of cap dropping and locking: ≥99%
- ◆ 主机功率 Main machine power: 1KW 220V 无级变速





ZHG-50F

自动粉剂充填锁盖一体机
Automatic powder filling and capping machine

功能和特点 Function and Features

- ◆ 粉剂充填和锁盖在一台机上完成;
- ◆ 伺服电机推动螺杆, 充填量只需在触摸屏上设定;
- ◆ 可更换不同的螺杆, 以适应不同的物料;
- ◆ 可更换锁盖头, 以适应不同的瓶盖;
- ◆ 整机有6个检测点, 在触摸屏上显示工作状态, 实现智能化运行;
- ◆ 料仓侧面全开门, 清洗简便;
- ◆ 可加装送料系统。
- ◆ Powder filling and capping are set on one machine stand.
- ◆ Servo motor pushes screw rod. Filling volume is set on touch-screen.
- ◆ Changeable screw rods, suitable for different material.
- ◆ Changeable capping locking heads, suitable for different caps.
- ◆ Total six detecting points, working status is displayed on touch-screen. Intelligent operation.
- ◆ Full open on both sides of material hopper, easy clean.
- ◆ Optional material feeding system.

技术参数 Technical Parameters

- ◆ 充填容量 Filling volume: 3-500ml (via changing screw rods)
- ◆ 充填头数量 Number of filling head: 2 Sets
- ◆ 生产速度 Capacity: 30-60B/min
- ◆ 灌装精度 Filling accuracy: 0.75%
- ◆ 料箱容积 Hopper volume: 30L x 2
- ◆ 压缩空气 Compressed air: 5-6Kg/cm 0.2m³/min
- ◆ 电源 Supply power: 3P 380V / 220V 50/60Hz 2500W
- ◆ 体积 Dimension: 2400 x 1100 x 1800 mm (L x W x H)
- ◆ 净重 Net weight: 750Kg

该机自动充填包装机能完成灌装、计量、排废、等工作, 适用包装粉粒状物料。如奶粉、米粉、白糖、咖啡、味精、固体饮料、葡萄糖、固体医药等。

This automatic canned filling and packing machine was designed for automatic can filling, weighing, filling and failed packs detect & delete. The machine is suitable for packing powdery & grainy product, for instance, milk powder, monosodium glutamate, solid beverage, icing sugar, dextrose, feed, coffee, solid medicament, powdery & grainy additive, dye, etc.



ZH-C

十二口红/发蜡热灌装充填机
12-Nozzle lipstick filling machine

联动机 LINKAGE MACHINE B

技术参数 Technical Parameters

- ◆ 电源 Power: AC 220V/1 Φ/50Hz
- ◆ 总功率 Power consumption: 4.5KW
- ◆ 压缩空气 Working air pressure: 6Kg/cm²
- ◆ 外观尺寸 Dimension: 850 x 750 x 1905mm
- ◆ 充填量 Filling volume: 1-14ml/piece
- ◆ 料桶容积 Tank capacity: 20L, double-layer tank heated by oil
- ◆ 生产速度 Output: 8s/piece
- ◆ 灌装精度 Filling precision: ± 1%
- ◆ 工作面高度 Height of working table: 620mm





JHGD-10A

全自动硅胶口红充填机

Automatic 10 cavities silicone mould lipstick filling machine

JHGD-10A是一款全自动硅胶口红生产线，全线使用30多付硅胶铝模循环运作，主要产品是普通口红，印花口红，普通唇膏和雕花唇膏等。

Model JHGD-10A is an automatic designed for the production of hot filling mould products such as high quality lipstick, lip balm, cosmetic pencil etc.

功能和特点 Function and Features

- ◆ 2个25升双层夹套电加热搅拌料筒(也可以选择30-100L)。
- ◆ 计量体积和充填速度控制采用人机界面输入，精度在 $\pm 0.5\%$ ，活塞充填。
- ◆ 充填系统采用快速充填，快捷清洗重组，和快捷切换的设计。
- ◆ 采用模具充填前预热，充填后表面热处理的方式。
- ◆ 伺服电机控制模具升降，充填采用倒充填方式。
- ◆ 20-30 模循环时间。
- ◆ 45-60 PCS/min (10孔充填嘴)。
- ◆ 2sets of 3 layers of jacketed vessels 25L capacity with stirrer (vessels also can choose 30l-100L).
- ◆ Dosing volume and pump speed controlled by digital input, Accuracy $\pm 0.5\%$.
- ◆ Filling unit designed for easy strip-down cleaning and re-assembly to facilitate quick change over.
- ◆ Mould raise/lower system for bottom-up filling.
- ◆ Servo controlled mould raise / lower system.
- ◆ 20-30 moulds/cycle time.
- ◆ 45-60 lipsticks/min (10 nozzle filling heads).



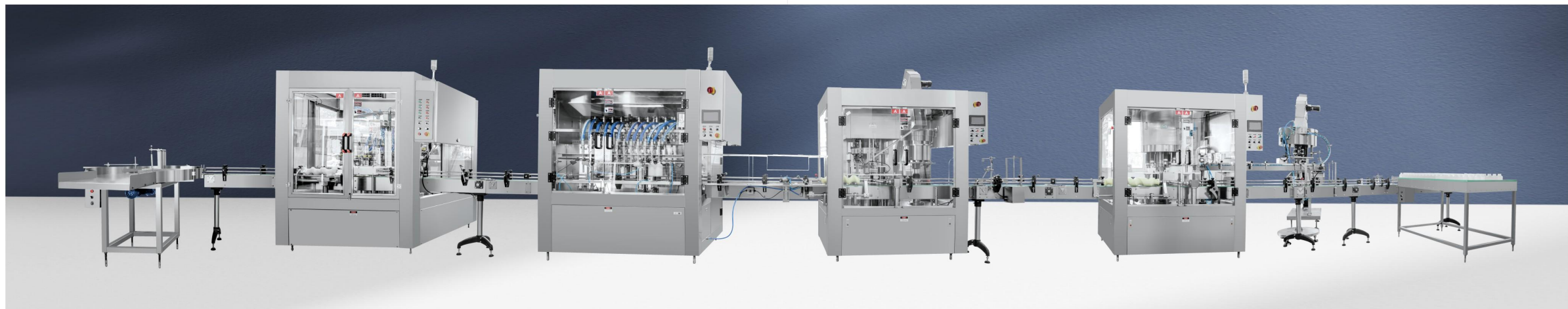


ZH

理瓶、洗瓶、流体灌装、加内塞、防盗盖旋盖流水线
Production line for high viscosity products
(Bulk bottle unscrabmler machine, filling machine, capping machine)

本流水线适用于高浓度无料的快速理瓶灌装和旋盖。
例如各种悬浮剂、水浮剂、洗涤剂、蜂蜜、油脂等粘稠物料的灌装和旋盖。
生产能力：50ml~200ml≤5000瓶/时；
800ml≤4000瓶/时；
1000ml≤3000瓶/时；
适用范围：50ml~1000ml

This production line is suitable for high viscosity products. Such as SC, EC, detergent, honey, grease, etc. This line with fast speed is applicable for bottle unscrabmler, filling and capping.
Production capacity: 50ml~200ml≤5000 b/h;
800ml≤4000 b/h;
1000ml≤3000 b/h.
Suitable range: 50ml~1000ml.





ZHBL-1910P

全自动理瓶机
Automatic bottle unscrambler

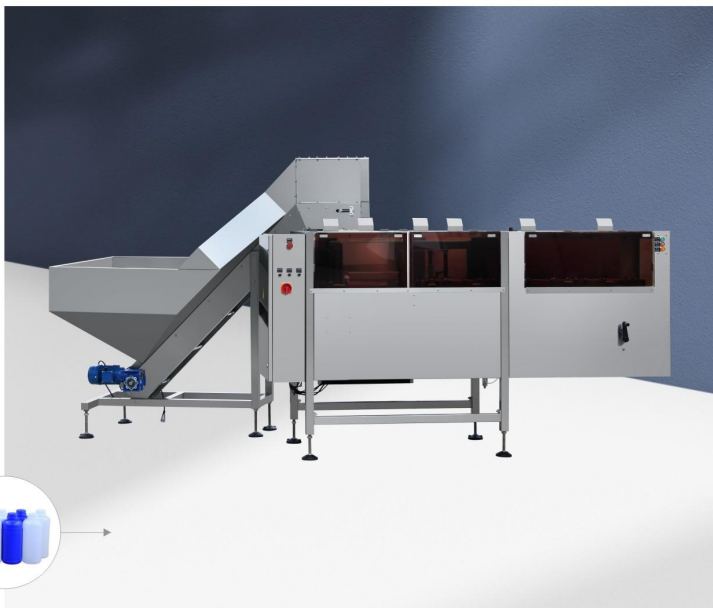
主要特点 Main Feature

该机适合医药、农药、化工瓶包装生产中对各类圆瓶、扁瓶、椭圆形塑料瓶的理瓶，使瓶子直立有序地进入灌装输送线，方便联线。该机不仅外形美观，而且设计先进、机构新颖，运行稳定、可靠、噪音低、易操作、易清洗。

This machine adapts to pharmaceutical, pesticide, chemical etc. for round, flat and oval specification. It is able to arrange for the bottle in line erectly to next feeding procedure, easy linking in line. The equipment has beautiful figure, advanced design, novel structure. Stably running, low noise, easy operation and cleaning.

技术参数 Technical Parameters

- ◆适用瓶子规格 Filling quantity: 100-1000ml plastic bottle
- ◆理瓶合格率 Yield of arranging: ≥99%
- ◆电源 Power supply: 220V50Hz
- ◆用电功率 Power consumption: 1KW
- ◆速度控制 Speed control: Motor adjusting speed
- ◆单机噪音 Single machine noise: ≤60dB
- ◆重量 Weight: Approx. 500Kg
- ◆生产能力 Production capacity: 80-120b/min



DLP-100B/200B/500B

自动理瓶机
Automatic bottle unscrambler

瓶装包装机 BOTTLE PACKAGING MACHINE **C**

产品简介 Product Introduction

本机是机电一体化的设备，操作方便、维修简单、运行可靠。适用于：农化、日化、医药等行业的塑料瓶的自动理瓶及输送。

This product is a mechanical-electrical integration equipment with easy operation, simple maintenance and reliable performance.

This product is applicable to the automatic sorting and transporting of plastic bottles in agrochemical, chemical for daily use, pharmaceutical and other industries.

技术参数 Technical Parameters

- ◆适用瓶径 Applicable Bottle Diameter: ϕ 20mm-75mm
- ◆生产能力 Productivity: 3000-6000 bottle/hour (Subject to 50ml)
- ◆电源 Current Source: AC220v/50Hz
- ◆功率 Power: 0.5KW
- ◆重量 Weight: 300kg (including a set of mould)
- ◆外形尺寸 Overall Size (L*W*H): 2000mm*1100mm*1100mm





ZHBS-1928M

活塞灌装线(灌装-旋盖-贴标)

Automatic liquid filling machine(filling-capping-labeling)

8头同时灌装，根据需要可增加灌装头数量。
进瓶、定位、灌装充填、出瓶均自动作业。灌装时瓶子不到位、瓶子堵塞或出液管没有插进瓶子时设备将自动保护，排除后继续作业。

8 nozzles fill simultaneously. Number of nozzles can be increased according to requirement.
Bottle charging, positioning, filling, and bottle discharging are all automatic, if the bottle is not on the right position, the bottle is blocked, or the filling pipe is not inserted into the bottle when filling, the equipment will protect automatically and continue to operate after eliminating the trouble.

技术参数 Technical Parameters

- ◆ 灌装容量 Filling capacity: 90-520ml
- ◆ 灌装速度 Filling speed: 40-55b/min
- ◆ 功率 Power: 1KW
- ◆ 电源 Power supply: 3P 380V
- ◆ 压缩空气 Air pressure: 3-5Kg/cm²





ZHBL-1920N

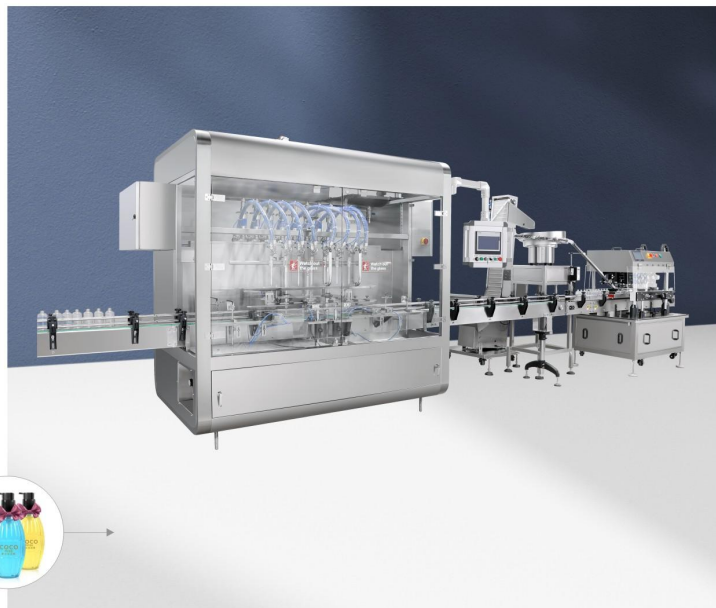
直列活塞式灌装机
Piston filling machine

该机自动化程度高，调节方便，当改变规格或修正计量时只需在显示屏上调整即可满足所需精确计量。适用于植物油、蜂蜜、果酱、糖浆、制剂、悬浮剂、机油和日化行业各种粘稠物料的灌装。

This machine with high automatization, adjust convenient, when change bottle size or replacing the filling volume, only need change the parameters in the touch screen. Suits for packing of all kinds of viscous material which is vegetable oil, honey, jams, syrup, reparation, SC, machine oil and daily chemical products.

技术参数 Technical Parameters

- ◆外形尺寸 Mainunit dimension (L×W×H): 2000×1100×2200mm
- ◆灌装头数 Filling heads: 6-8-12-16-20
- ◆适用瓶型 Bottle size diameter: $\Phi 40-\Phi 100$ mm High: 80-300mm
- ◆瓶口直径 Bottle mouth size: $\geq \Phi 18$ mm
- ◆包装规格 Filling volume: 50ml-1000ml
- ◆生产能力 Production capacity: 1000-6000p/h
- ◆计量误差 Error range: 50ml-100ml $\leq \pm 1$ ml 100ml-500ml $\pm 0.5\%$
500ml-1000ml $\pm 0.3\%$
- ◆配备电源 Power supply: 220V; 50HZ
- ◆主机功率 Power: 1.5kW
- ◆配备气源 Pneumatic (air-operated) source: 0.55Mpa-0.65Mpa



ZHBL-1922C

直线活塞灌装机
In-line piston filling machine

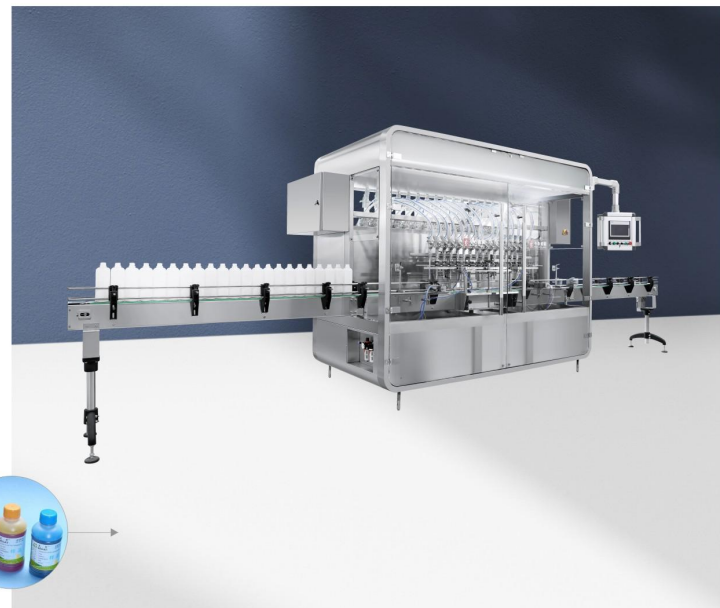
瓶装包装机 BOTTLE PACKAGING MACHINE **C**

该机自动化程度高，调节方便，当改变规格或修正计量时只需在显示屏上调整即可满足所需精确计量。适用于植物油、蜂蜜、果酱、糖浆、制剂、悬浮剂、机油和日化行业各种粘稠物料的灌装。

This machine with high automatization, adjust convenient, when change bottle size or replacing the filling volume, only need change the parameters in the touch screen. Suits for packing of all kinds of viscous material which is vegetable oil, honey, jams, syrup, reparation, SC, machine oil and daily chemical products.

技术参数 Technical Parameters

- ◆外形尺寸 Mainunit dimension (L×W×H): 2000×1100×2200mm
- ◆灌装头数 Filling heads: 6-8-12-16-20
- ◆适用瓶型 Bottle size diameter: $\Phi 40-\Phi 100$ mm High: 80-300mm
- ◆瓶口直径 Bottle mouth size: $\geq \Phi 18$ mm
- ◆包装规格 Filling volume: 50ml-1000ml
- ◆生产能力 Production capacity: 1000-6000p/h
- ◆计量误差 Error range: 50ml-100ml $\leq \pm 1$ ml 100ml-500ml $\pm 0.5\%$
500ml-1000ml $\pm 0.3\%$
- ◆配备电源 Power supply: 220V; 50HZ
- ◆主机功率 Power: 1.5kW
- ◆配备气源 Pneumatic (air-operated) source: 0.55Mpa-0.65Mpa





ZHBL-1916H

全自动直线式微电脑下潜消泡液体灌装机
Inline type automatic gravity filling machine

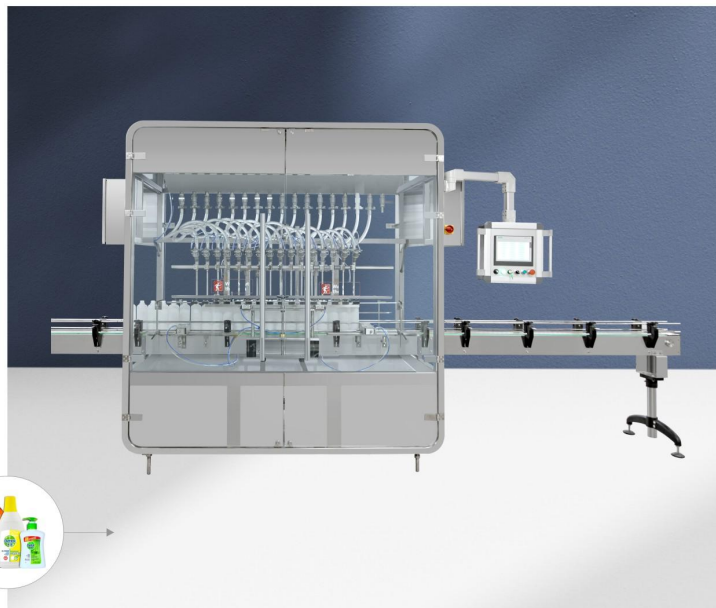
产品简介 Product Introduction

本机采用PLC微电脑可编程控制，集光、机、电、传感、气动执行于一体。灌装采用下潜消泡式，计量精确，结构简单，操作方便，生产速度快。适用于水剂类如：酒、醋、精细化工、农药、日化类产品的各种瓶型的分装。

The machine is a high-tech filling equipment controlled by microcomputer PLC programmable, equip with photo electricity transduction and pneumatic action. It could dive with non-foam, with accurate measurement, simple structure, convenient operation and fast production speed. Suit for all kinds of bottle shape for water aqua such as: wine, vinegar, fine chemicals, pesticide, daily chemical products.

技术参数 Technical Parameters

- ◆外形尺寸 Mainunit dimension(L×W×H): 2000×1030×2300mm
- ◆灌装头数 Filling heads: 16
- ◆适用瓶型 Bottle size diameter: $\Phi 40-\Phi 100$ mm High: 80-300mm
- ◆瓶口直径 Bottle mouth size: $\geq \Phi 13$ mm
- ◆包装规格 Filling volume: 50ml-5000ml
- ◆生产能力 Production capacity: 1000-5000p/h
- ◆计量误差 Error range: $\pm 1\%$
- ◆配备电源 Power supply: 220V; 50HZ
- ◆主机功率 Power: 1.5KW
- ◆配备气源 Pneumatic (air-operated)source: 0.6-0.8Mpa



ZHDP-1924B

全自动回转式微电脑定时液体灌装机
Rotating time control liquid filling machine

瓶装包装机 BOTTLE PACKAGING MACHINE C

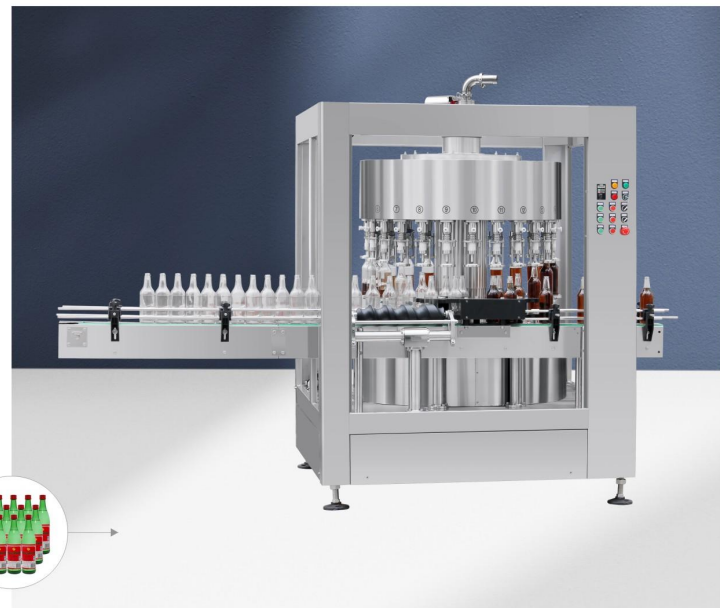
主要特点 Main Feature

该机广泛用于灌装不含气的饮料、果汁、酱油、醋、食用油及化工、乳剂、农药、日化产品的灌装，设备接触物料部件采用316，非接触采用304不锈钢制造，采用防护罩封闭灌装，外形美观、无污染，符合GMP标准要求。

This machine with compact structure, simple trans mission, convenient maintain, long service life, beautiful appearance. The product extenive used for non-aerated beverage, fruit juice, oy, vinegar, cooking oil and chemical, emulsion, pesticide, daily chemical. Material contact surface manufactured with 316 stainless steel, uncontact surface manufactured with 304 stainless steel. This product filling with protective cover, beautiful apperance, no pollution and in line with GMP standard request.

技术参数 Technical Parameters

- ◆外形尺寸 Mainunit dimension (L×W×H): 2400×1600×2350mm
- ◆灌装头数 Filling heads: 24
- ◆适用瓶型 Bottle size diameter: $\Phi 40-100$ mm High: 160-300mm
- ◆瓶口直径 Bottle mouth size: $\geq \Phi 18$ mm
- ◆包装规格 Filling volume: 150ml-1000ml
- ◆生产能力 Production capacity: 1000-5000p/h
- ◆计量误差 Error range: $\pm 1\%$
- ◆配备电源 Power supply: 220V; 50HZ
- ◆主机功率 Power: 3KW
- ◆配备气源 Pneumatic (air-operated)source: 0.6-0.8Mpa





ZHCJ-1926W

智能化电脑称重桶装液体灌装机
Intellectual weighing filling machine

产品简介 Product Introduction

本机采用PLC程序控制，能自动计数进瓶，自动去皮称重计量灌装。设备自动化程度高，每个灌装头均设有称重自动反馈系统，能对每个头灌装量进行定量设置或单个头微调修正，以确保计量一致。整机采用不锈钢制造，下潜式快慢速灌装，可有效减少泡沫的产生。管路采用快装方式，拆卸清洗方便。适用于10-50kg水剂、食用油、润滑油、精细化工、农药等产品的称重分装。

The machine has controlled by PLC, it can feed bottles, count bottles and peel weighting automatically. This product manufactured with a high degree of automation, every filling head has one high-precision weighing feed back system and it could set volume for each head or fine tuning for single head to ensure same volume. Whole machine made of stainless steel, with diving filling (fast and slow) function, also could effectively reduce foam appearance. Every feed pipe connection parts installs a quick coupler for convenient cleaning. It suits for 10-50kg water aqua, cooling oil, lubricating oil, fine chemical, pesticide product.

技术参数 Technical Parameters

- ◆外形尺寸 Mainunit dimension (L×W×H): 2700×1900×2500mm
- ◆灌装头数 Filling heads: 6
- ◆适用瓶型 Bottle size diameter: L350, W280
- ◆瓶口直径 Bottle mouth size: ≥Φ50mm
- ◆包装规格 Filling volume: 10-25L
- ◆生产能力 Production capacity: 600p/h
- ◆计量误差 Error range: 0.2%
- ◆配备电源 Power supply: 220V; 50HZ
- ◆主机功率 Power: 3.5KW
- ◆配备气源 Pneumatic (air-operated) source: 0.6-0.8MPa





ZHTW-1P

自动充填机(回转式泵浦)

Auto filling machine (with rotary lobe pump)

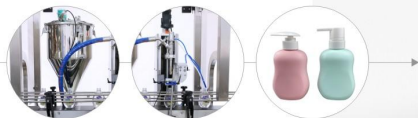
应用 Application

本机设计适合中、低黏稠性液体之充填，特别适用于食品、化学、化妆品、医药等产品。

Rotary lobe pumps designed for handle from water-thin to viscid products. Specially for viscid and foamy liquid products in food, chemical, cosmetic, medical area.

主要特点 Main Feature

- ◆ 本机主要结构由SUS#304不锈钢及铝合金制成。
- ◆ 控制系统采用三菱PLC可编程器，搭配Pro-Face 大型液晶显示人机接口。
- ◆ 充填范围: 5ml-5000ml。
- ◆ 提供20组记忆区，可储存充填时间及参数。
- ◆ 每一个回转式泵浦都搭配一颗AC马达，提高充填量精度。
- ◆ Machine construction is made by SUS# 304 and aluminum alloy.
- ◆ Mitsubishi PLC Control System with digital touch screen.
- ◆ Volumetric filling system by Rotary Lobe Pump driven by AC motors with inverters.
- ◆ Filling Volume Range: 5-5000ml.
- ◆ Digital LCD touch screen display and setting.



ZHGS-2021N

跟随式自动灌装机

Servo tracking filling machine

适用瓶型广：只要能站立在线上不倒、瓶口垂直向上的各种异形瓶同样适用，无须特别调节，随意将瓶搬上输送即可，大大减轻工人劳动强度；

适用产品广：适用于化妆品、食品行业的膏类油类产品；如：洗发水、洗衣液、洗手液、沐浴露、护发素、酸氧奶、精油、食品/工业用油等；

Wide Bottle Application Range: Suitable for Major design bottles which not falling on conveyor with vertical bottle neck, no need complicated adjustment, greatly reduced the labor intensity.
Wide Material Application Range: Suitable for the ointment or water base material in cosmetic and food industries, such as shampoo, cleanser, hand soap, shower cream, hair conditioner, yogurt, essential oil, food, oil and so on.

技术参数 Technical Parameters

- ◆ 灌装头数 Filling head: 2/4
- ◆ 灌装速度 Filling speed: 1000-3600BPH(according to the volume)
- ◆ 计量精确度 Filling accuracy: $\pm 1\%$
- ◆ 功率电压 Power: 6KW 220V
- ◆ 工作气压 Air supply: 0.6-0.8mpa 6-7m³/min





ZHGX-1940C

全自动跟随式旋盖机

Full-automatic following capping machine

本机为全自动旋盖机，由输盖系统、旋盖系统、夹瓶系统和旋盖等完成自动旋盖。

本机适用于食品、饮料、化工、农药、化妆品等各种瓶型的旋盖，它只需做简单调整即可适用多种不同尺寸和材质的瓶盖，且只需要更换盖模和爪片。

This machine is a full automatic capping machine, which is completed by the capping system, the bottle clamping system and the capping system.

This machine is suitable for all kinds of bottle caps, such as food, beverage, chemical, pesticide, cosmetics, etc. It can be used for bottle caps of different sizes and materials with simple adjustment, and only the cap mold and claw pieces need to be replaced.

技术参数 Technical Parameters

- ◆ 生产速度 Capacity: 2200 BPH
- ◆ 适用瓶径 Suitable Bottle Diameter: >30mm
- ◆ 适用瓶盖 Suitable Cap Diameter: $\Phi 20 - \Phi 80$ mm
- ◆ 电源 Voltage: 220V, 50HZ
- ◆ 功率 Power: 5KW
- ◆ 气压 Air Pressure: 0.6Mpa



SP-6

泵盖旋盖机

Pump capper

四轮式结构，多项专利技术，适合吸管式泵盖，泵头，鸭嘴盖，喷枪盖；

PLC全自动运行，送盖、抓盖、旋盖一步完成(可定制自动理盖)；

瓶盖方向自动定位；瓶盖扭力可调；

应用于清洁剂、喷雾剂、消毒液等日化产品；

Four claws structure, obtained many patent on technology, suitable for pump caps, duck mouth caps, trigger caps with straw.

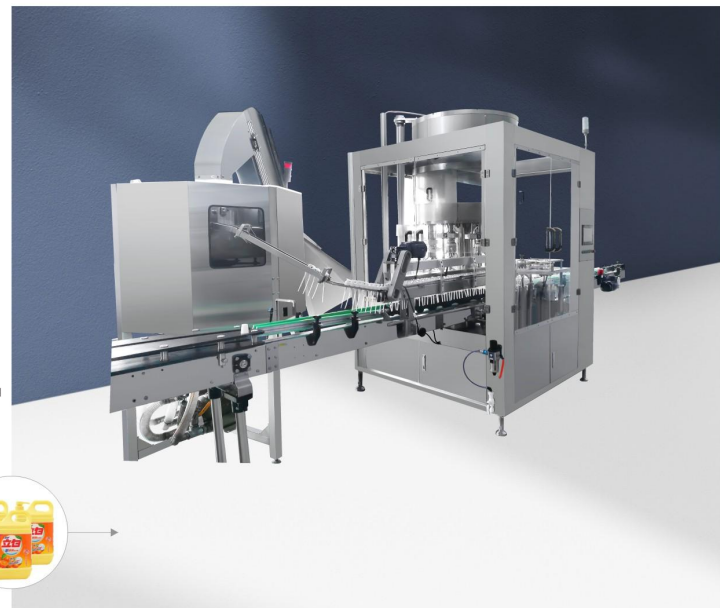
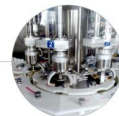
PLC controlled, integrated cap sending, grasping, capping (can affiliate with automatic cap sorting machine).

Automatic inlet cap and bottle position-setting and orientation, adjustable torque control.

Applicable in cleaning agent, nebula, disinfectant and many other daily chemical products.

技术参数 Technical Parameters

- ◆ 主机外形尺寸 Overall dimension(L x W x H): 2000 x 1600 x 2600mm
- ◆ 重量 Machine weight: 4500Kg
- ◆ 适用盖子规格(可根据客户特殊要求定制) Suitable pump caps (Can be customized)
- ◆ 盖子直径 Diameter of pump cap: 30mm
- ◆ 泵盖长度 Length of pump cap: ≤ 250 mm
- ◆ 旋盖头数 Number of capping heads: 6头(可按客户要求定制 Can be customized)
- ◆ 生产能力 Capacity: ≤ 5000 瓶/小时(bottle/h)
- ◆ 扭力控制 Torque control: ± 0.3 Nm
- ◆ 旋盖合格率 Qualified rate of capping: $\geq 98\%$ (瓶口中心偏差 < 1mm, 瓶口端面高低偏差 < 1mm)
- ◆ 电源 Power supply: AC 380V, 50Hz
- ◆ 整机功率 Machine power: 4KW
- ◆ 筒备气源 Air operated source: 0.6Mpa洁净稳定气源





ZHFX-1936B

全自动回转式气动抓盖旋盖机
Autoamtic rotary air claw type capping machine

主要特点 Main Feature

经本机旋压后的盖子具有密封性能好，启盖方便，起到防盗防仿的作用。理盖采用电磁震落式，对铝盖无损伤，理盖准确、速度快。整机美观大方，能适应各种不同环境的工作，是农药、医药、化工、食品、化妆品等行业的理想包装设备。

The pressed cap by the machine is good in sealing performance, and is convenient to open so that it plays a theftproof and anti-counterfeit role. Cap sorting applies electromagnetic concussion in order to protect aluminum cap from being damaged. In addition, it is accurate and fast in sorting caps. It can be adaptive to different conditions to work and is fine in appearance. Thus, it is an ideal packaging machine for agrochemical, pharmaceutical, chemical, foodstuff and cosmetic industries.

技术参数 Technical Parameters

- ◆ 电源 Power supply: AC220V; 50Hz
- ◆ 功率 Power: 1.5KW
- ◆ 重量 Weight: 680kg
- ◆ 适用的容器规格 Suitable container: Height: 80~280mm
Diameter: Φ 30mm~ Φ 100mm
- ◆ 生产能力 Productivity: 4000~6000bottles/hour
- ◆ 适用瓶盖 Suitable cap: Φ × H Φ 12mm~ Φ 50mm × 15mm~50mm
- ◆ 外形尺寸 External dimension (L × W × H): 2000 × 1200 × 2300mm



ZHFX-1936B

全自动直线式旋盖机
In-line capping machine

本机为直线式自动旋盖机，四只调速电机分别用于理盖、套盖、旋盖、输送，在旋盖过程中能自动理盖、自动套盖、自动旋盖。由于采用夹瓶带夹持瓶子，同步运行套盖、旋盖，运行时不会倒瓶。该机结构简单，稳定性好，调节方便，更换规格时无须备件，只作调整即可。适用于食品、制药、化妆品、日化、农药、化工行业的圆柱瓶、长方扁瓶及异形瓶的旋盖封口。

This automatic inline capping machine has four speed adjustable motors which separately used in lidarranging, sleeve lid, lidcapping and conveying, in the capping process can be automatic arrange lid, automatic sleeve lid, automatic capping. As the machine use bottle clamping belt to ensure the bottles not fall down when lid sleeving and capping, this capping machine has simple structure, good steadiness, adjust convenient, no need to change spare parts, only need some adjustment. Suits for the round shape, rectangular flat shaped and irregular shape bottle capping for foodstuff, pharmacy, cosmetic, daily chemical, fertilizer and chemical industry.

技术参数 Technical Parameters

- ◆ 电源 Current supply: 220V, 50Hz
(or according to client voltage requirement)
- ◆ 功率 Power: 2.2KW
- ◆ 生产速度 Production speed: 0 ~ 6000 bottles/hour
- ◆ 适用瓶径 Container mouth diameter: Φ 40mm~ Φ 100mm
- ◆ 适用盖子 Suitable cap diameter: Φ 20mm~ Φ 50mm
- ◆ 重量 Machine weight: 650kgs
- ◆ 外型尺寸 Machine dimension (L × W × H): 2000 × 850 × 2050mm





ZHFG-1938S

全自动回转式铝盖压纹封口机

Automatic six heads screw thread sealing machine

本自动封口机适用一次性扭断式铝制防盗盖与瓶口的压纹封口，机器能自动理盖、落盖、套盖。封盖头部件都是采用硬质不锈钢制造，采用四轮平衡工作原理，用力均匀，压盖封口质量好。进出瓶星轮设有自动离合装置，卡瓶能自动停机，对瓶口设有自动定位装置，性能稳定可靠，生产速度快，操作维护方便。

This automatic machine suit for sealing of disposable aluminum wiring type anti-theft caps. It can automatically arrange caps, drop caps, sleeve caps. capping head use hard stainless steel, use fourwheel balance principle, uniform force, with high quality. Star wheel equip with automatic clutch, if bottle locked it can stop working automatically.

技术参数 Technical Parameters

- ◆封头数 Numbers of manipulator: 6heads
- ◆生产能力 Production capacity: 4000 bottles/hour(adjustable)
- ◆整机重量 Machine weight: 850kg
- ◆外形尺寸 Machine dimension(L×W×H): 2000×1000×2100mm
- ◆电源 Power supply: AC220V; 50HZ
- ◆整机功率 Power: 2.2kw



ZHY-339Y

小袋醋包包装机(快餐外卖速食配料醋包包装机)

Automatic liquid packing machine

产品简介 Product Introduction

ZHY-339Y醋包包装机是针对农药、酱料包、油包等流动性比较好的水剂物料定量包装，与市面上常见的夹板机最大的区别是封口采用铝筒方式，液体包装机封口严密且平整美观，运行稳定。杜绝了产品在运输过程中漏包的现象。

ZHY-339Y packing machine is the packing machine with three couples Rollers, Which is responsible for water basis material, honey, ketchup, tomato sauce and other material.

技术参数 Technical Parameters

- ◆袋长范围 Bag length: 70 - 140mm或100-170mm
- ◆袋宽范围 Bag width: 30 - 120mm 内的一个订货宽度
- ◆填充容量 Filling volume: 1 - 50ml(g)
- ◆填充精度 Filling accuracy: ±(0.1-0.2)g
- ◆包装速度 Speed: 50 - 70包分(pack/min)





ZHB-239J

番茄酱包装机/条形芥末酱包装机/辣椒酱包装机
Automatic sachet cream packing machine

产品简介 Product Introduction

ZHB-239J酱料包装机是针对粘稠体、悬浮剂、膏体等物料实现自动包装而设计的三对辊筒立式包装机，可以实现三边封口或四边封口的包装。

ZHB-239J packing machine is the packing machine with three couples Rollers, Which is responsible for kinds of powder materials

这台机器主要生产长条状的番茄酱、沙拉酱等均匀的酱料，利用PE/PET复合膜，利用机器的热封辊筒，将薄膜制成袋，然后进行定量灌装、打印日期、封合切断、自动计数，成品输出。包装产品封口牢固、美观，外壳、管道、气动活塞泵都采用不锈钢材质，安全卫生。

Three frequency converters control the vertical sealing, horizontal sealing and horizontal cold sealing roller. No chain transmission has change the situation of the the third horizontal cold sealing adjust the bag length by hand. The bag length adjustment range is big, no noise, good stability and long life used.

技术参数 Technical Parameters

- ◆ 袋长范围 Bag length: 70 ~ 140mm或100~170mm
- ◆ 袋宽范围 Bag width: 30 ~ 90mm 内的一个订货宽度
- ◆ 填充容量 Volume: 0.5 ~ 25ml(g)
- ◆ 填充精度 Filling accuracy: \pm (0.1~0.2)g
- ◆ 包装速度 Speed: 30 ~ 60包/分(pack/min)



ZHB-130F

高速粉剂包装机
High speed power sachet packing machine

袋包装机 BAG PACKING MACHINE D

ZHB-130F系列粉剂包装机是针对粉末物料实现三或者4边封口、高速包装而设计的多辊筒包装机械。该机仅采用多段段辊筒，同时实现横封与纵封封口。花纹采用完整连续的棋盘纹，封口牢固美观。

This machine is the multi-rollers type high speed packing machine for power sachet three sides or 4 sides sealing packing. This machine adopted several rollers which can achieve both vertically sealing and horizontally sealing. The sealing lines adopted continuously checkerboard paths, ensure nice and firm sealing.

适用范围 Application

咖啡粉、奶茶、调味粉、奶粉、面膜粉、果蔬粉、药品、保健品、农药粉剂等。

Coffee powder, milk power, medicine powder, pesticide powder, seasoener and so on.

技术参数 Technical Parameters

- ◆ 制袋尺寸 Sachet length: 长40~160mm(改变袋长需换辊筒 by changing the roller) 宽30~90mm
- ◆ 包装速度 Speed: 20~120袋/分(bag/min)
- ◆ 计量范围 Packing weight: 1~50g
- ◆ 机械功率 Power: 3kw 380v 3P 50HZ(Customized for 220V)
- ◆ 封口形态 Sealing type: 三边封 3/4 sides sealing



**ZRJ**

膏霜真空乳化机

Cream vacuum emulsification blender

用途 Use

适用于化妆品厂，药厂的膏、霜类产品的生产，尤其对基质粘度大，固含量比较高的物料乳化配制更显著功效。

The machine is used to produce the cream products in the cosmetic factory and medicine factory, especially used to emulsification of pectic material with high content of solids.

**技术参数 Technical Parameters**

型号 Model	有效容量 Effective Capacity	乳化马达 Emulsify		搅拌马达 Agitator		外形尺寸 Outside dimension				总功率 Total power Kw
		Kw	min/r	Kw	min/r	长	宽	高	全高	
ZRJ-20L	20	2.2	0-3500	0.37	0-70	1800	1600	1850	2700	7.57
ZRJ-50L	50	3	0-3500	0.75	0-70	2700	2000	2015	2700	8
ZRJ-100L	100	3	0-3500	1.5	0-70	2950	2100	2120	2970	11
ZRJ-150L	150	4	0-3200	1.5	0-70	3110	2120	2200	3100	11
ZRJ-200L	200	5	0-3200	1.5	0-70	3150	2200	2200	3100	12
ZRJ-300L	300	5.5	0-3200	2.2	0-70	3200	2500	2250	3200	14
ZRJ-350L	350	5.5	0-3200	2.2	0-70	3510	2700	2280	3380	15.75
ZRJ-500L	500	7.5	0-3200	3.7	0-70	3970	2800	2700	3950	21.5
ZRJ-750L	750	11	0-3200	4	0-70	3780	3200	3050	4380	25
ZRJ-1000L	1000	11	0-3000	4	0-60	3900	3400	3150	4550	25
ZRJ-2000L	2000	15	0-3000	7.5	0-60	4850	4300	3600	不带升降	33.5

**DTNX-60YA**

眼药水灌装生产线

Eye drop bottle filling and capping machine

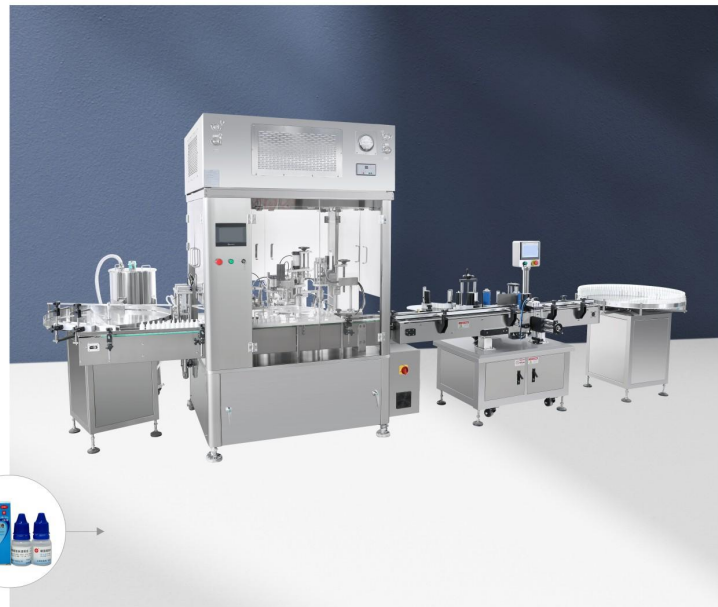
该眼药水灌装旋盖机结构上包括了转盘进瓶、自动灌装、自动下内塞、自动下外盖、旋盖、贴标、收瓶这几个主要工步的装置。该机分为转盘进瓶、蠕动泵灌装、摇摆机构落内塞、摇摆机构落外盖、伺服旋盖、贴标、收瓶等几个操作。

This eye drop bottle filling and capping machine includes the turn table feeding bottle, automatic filling, automatic feeding dropper, automatic feeding caps, capping, labelling and bottle collection table.

This production consists of bottle feeding table, peristaltic pump filling, Mechanical hand feeding dropper, Mechanical hand feeding cap and servo pre-capping, final servo capping, labelling and bottle collection table.

技术参数 Technical Parameters

- ◆ 装量 Filling volume: 5-100ml
- ◆ 产量 Speed: 40-50BPM
- ◆ 装量精度 Filling accuracy: ≥99%
- ◆ 上内塞成品率 Cap feeding rate: ≥99%
- ◆ 上盖成品率 Dopper feeding rate: ≥99%
- ◆ 旋盖成品率 Capping rate: ≥99%
- ◆ 主机功率 Power: 2KW 220V
- ◆ 贴标精度 Labelling accuracy: ±1mm





DTNX-80T

核酸试剂灌装旋盖机

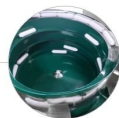
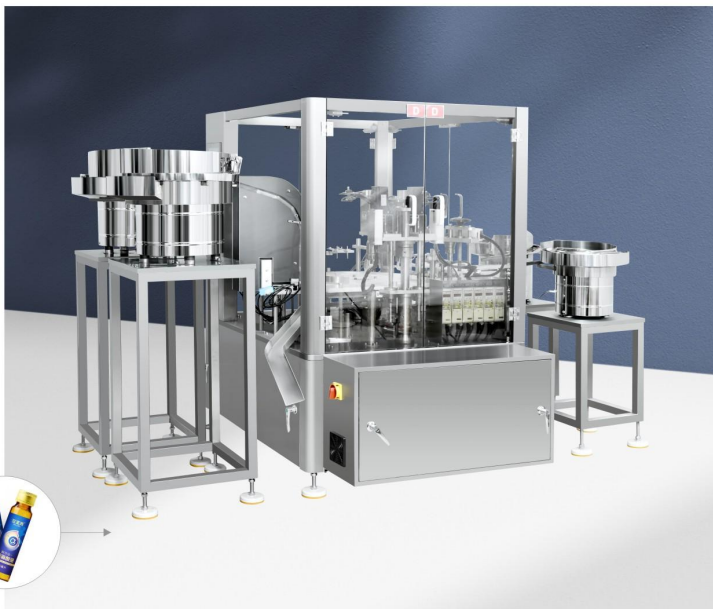
Reagent tube filling capping machine

本线主要适用于制药、口服液、饮料、保健品、食品、等行业液体灌装的包装工序。本机采用自动送瓶、圆盘定位灌装、加盖、旋盖，设计合理；采用进口意大利海霸泵定量灌装，计量准确。

This line is mainly applicable to the packaging process of liquid filling in pharmaceutical, oral liquid, and other industries. This machine adopts automatic bottle feeding, disc positioning and filling, capping, and screw capping. The design is reasonable. It adopts imported Italian sea tyrants for quantitative filling, accurate measurement.

技术参数 Technical Parameters

- ◆ 生产能力 Production capacity: 40-50 or 70-80BPM
- ◆ 生产合格率 Production pass rate: not less than 98%
- ◆ 电源 Power supply: 220V, 50Hz
- ◆ 总功率 Total power: 1.5KW
- ◆ 外形尺寸 Overall dimensions: 2400 x 2000 x 1700mm
- ◆ 重量 Weight: 700kg



APFS3500

全自动预消毒灭菌注射器液体灌装加塞机

Automatic filling and plugging machine for Pre-sterilized syringes

药品包装机 MEDICINE PACKAGING MACHINE E

设备自主研发，具有自动进盒，自动揭纸及丢纸，自动真空灌装，自动真空加塞，自动出盒的全部功能。实现高精度充填，真空加胶塞控制气泡，全程监控，自动作业。不仅适合一般液体，也能适合透明酯酸类的粘稠液体。

Automatic machine firstly developed in china by zhonghuan, Features include automatic syringe nest-tubin-feeding, automatic vacuum filling, automatic vacuum plugging and automatic operation with monitoring all the way. Beside normal liquid, also suitable for filling transparent thick liquid like ester acid.

技术参数 Technical Parameters

- ◆ 灌装量 Filling volume: 0.1-0.5ml, 0.5-3ml, 10-30ml
- ◆ 灌装头 Filling nozzle: 5sets
- ◆ X 轴行程 X travel distance: 900mm
- ◆ 打印机 Printer: Hot-sensible printing paper, width 56mm, max. 20alphabets per line
- ◆ 视觉图像检测仪分辨率 Machine vision system resolution(Option): 752x480dpi
- ◆ 真空度 Vacuum: 0-98Kpa(0-750mmHg)
- ◆ 氮气 Nitrogen: 1kg/cm², 0.1m³/min
- ◆ 电源 Power supply: 3P 380V/220V, 50-60Hz, 5.5Kw
- ◆ 体积 Dimension: 3050 x 1600 x 1900mm
- ◆ 重量 Net weight: 950Kg





ZHLX-1700L

口服糖浆包装生产线
Syrup liquid filling packing line

功能和特点 Function and Features

糖浆生产线包含了洗瓶、烘干、灌装、旋盖、贴标等包装机械，自动化完成生产。

接触液体部件的材料为316L不锈钢、硅橡胶，符合GMP规范。

进口减速机无级调速控制灌装柱塞缸，不仅适合各种水剂，亦适合稠粘液体。

进瓶、定位、灌装充填、出瓶均自动作业。灌装时瓶子不到位、瓶子堵塞或出液管没有插进瓶子时设备将自动保护，排除后继续作业。

The syrup production line includes bottle washing, drying, filling, capping, labeling and so on.
Contact material parts is 316L stainless steel and silicone rubber, in conformity with GMP standard.

Filling piston cylinder controlled by stepless speed adjustment of imported speed reducing motor, suitable for aqueous liquid and viscous liquid.

Bottle charging, positioning, filling, and bottle discharging are all automatic, if the bottle is not on the right position, the bottle is blocked, or the filling pipe is not inserted into the bottle when filling, the equipment will protect automatically and continue to operate after eliminating the trouble.



DGS-118

微型口服液塑料瓶自动成型灌封机
Automatic forming filling and sealing machine for oral liquid bottle

药品包装机 MEDICINE PACKAGING MACHINE E

主要特点 Main Features

- ◆ PLC控制，无级变频调整。
- ◆ 放卷、塑料成型、灌装、打批号、切尾、分切等6个工位由程序自动控制。
- ◆ 灌装头不漏滴，不起泡沫，不溢出。
- ◆ 电子蠕动泵自控灌装系统与机械灌装两种，计量准确误差小。
- ◆ Controlled by PLC, the frequency conversion in finitely variable speeds.
- ◆ All 6 processes from spreading roll, AMP bottle forming, filling, sealing the end, printing serial numbers, cutting the end, cutting apart, controlled by programming.
- ◆ The filling head doesn't drop, leak, rise in bubbled and spill over.
- ◆ Automatic and mechanical botting, precise calculation and limited deflection.

技术参数 Technical Parameters

- ◆ 最大成型深度 Max forming depth: 12mm
- ◆ 冲裁次数 Cutting frequency: 0-15
- ◆ 包装材料 Acking material: PVC/PE(0.2-0.4) × 120mm
- ◆ 灌装容量 Capacity: 2-25ml
- ◆ 电源总功率 Installed power: 3.5KW
- ◆ 电压 Power: 220v-380v/50Hz
- ◆ 重量 Weight: 400kg
- ◆ 外形尺寸 Outer Size: 2350 × 950 × 1500(mm)





ZHJF-16

电子数粒机、塞棉、干燥剂、旋盖、感应封口
Tablet/Capsule electronic counting packing line

工作原理 Working Principle

输送瓶机构送瓶轨道上的挡瓶器件将由上道设备传送过来的瓶子，挡在装瓶位置，等待灌装。药品通过送料波纹板的震动，有序地进入药仓，在药仓上装有计数光电传感器，落入药仓的药品经光电计数传感器定量计数后装入装瓶位置的瓶中。

The block bottle device on the passing bottle-track of the conveying bottle system make the bottles which came from the previous equipment stay in the bottling position, waiting to be filled in. The medicine goes into the medicine container in order by the vibration of the feeding corrugated plate. There's a counting photoelectric sensor installed on the medicine container, after counting of the medicine in the medicine container, the medicine goes into the bottle in the bottling position.

技术参数 Technical Parameters

- ◆适用瓶型 Applicable bottle shape: round, square plastic bottle
- ◆灌装对象 Filling material: Φ 0-5# capsule, soft capsule, Φ 5.5-12 compressed tablet, special-shaped tablet, sugarcoated tablet, Φ 3-12pill
- ◆生产能力 Production capacity: 20-80 bottles per minute (It depends on the bottle size, filling quantity and the tablet size)



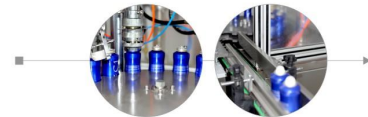
QGQ-750

通用型全自动气雾剂灌装机
Automatic aerosol filler

药品包装机 MEDICINE PACKAGING MACHINE E

技术参数 Technical Parameters

- ◆生产能力 Production capacity: 2400-3600cans/hour
- ◆工作压力 Working pressure: 0.65-1MPa
- ◆最大耗气量 Maximum air consumption: 3m³/min
- ◆适用气雾罐直径 Applicable aerosol can diameter: 35-65mm
- ◆适用气雾罐高度 Applicable aerosol can height: 80-330mm
- ◆生产能力 Production capacity: 2400-3600cans/hour
- ◆工作压力 Working pressure: 0.65-1MPa
- ◆最大耗气量 Maximum air consumption: 3m³/min
- ◆适用气雾罐直径 Applicable aerosol can diameter: 35-65mm
- ◆适用气雾罐高度 Applicable aerosol can height: 80-330mm





ZHGX-60EM

开塞露灌装压盖机

Suppository filling and capping machine

开塞露灌装机是我们公司引进德国技术研发设计，本机集机械、气动、自动为一体。它具有自动化程度高，成品率高，适应性强，稳定性好等特点，因而受到了广大用户的青睐。现在的机型更是日臻完善趋于成熟，以其技术含量高，适应性好，质量优秀特点，为开塞露生产厂家的理想专用设备。

ZHGX-60EM Type machine is designed for suppository tube filling and capping. The machine can finish the whole packaging progress of automatically unscrambling, filling, cap sorting, cap feeding, capping and finishing product outlet. Operator manually place the tubes into the tube loading hopper, tube loading hopper will automatically deliver the empty tubes to the tube unscrambler for feeding the tubes to the main machine.

技术参数 Technical Parameters

- ◆ 装量范围 Filling range: 2-10ml
- ◆ 装量误差 Filling accuracy: $\leq \pm 2\%$
- ◆ 生产能力 Speed: 40-60瓶/分(bottle/min)
- ◆ 电源 Electric source: 220V/50HZ
- ◆ 功率 Power: 2.0 KW



ZHJ-100

多功能卧式自动装盒机

Multifunction automatic horizontal cartoning machine

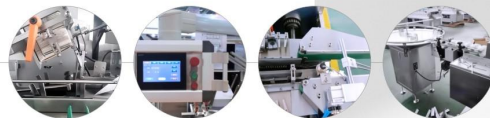
药品包装机 MEDICINE PACKAGING MACHINE E

性能特点 Performance Characteristics

- ◆ 产品高度不标准，无说明书自剔除；
- ◆ 产品进盒不到位自动停机；
- ◆ 无纸盒，连续无说明书，无产品自动停机；
- ◆ 方便更换不同产品规格；
- ◆ 主传动有过载保护装置；
- ◆ Rejection automatically if no products, nonstandard height or lack of leaflet.
- ◆ Stop automatically if incorrect position of products into carton.
- ◆ Stop automatically if no cartons or out of leaflets continuous.
- ◆ Easy to change to different products.
- ◆ Protecting automatically for overloading.

技术参数 Technical Parameters

- ◆ 电源 Electric power: Ac380V three-phase and five-wire 50HZ
- ◆ 总功率 Total power: 2.5KW
- ◆ 生产能力 Production capacity: Rotation speed: 50-100b/min
- ◆ 耗气量 Volume of consumption: 20m³/H (pressure 0.5-0.8Mpa)
- ◆ 包装材料 Packing material: Max. Size: 200 × 80 × 50mm (L × H × W)
Min. Size: 50 × 20 × 14mm (L × H × W)
- ◆ 说明书 Leaflet: Paper requirement 55-65g/m²
Specification Max. Size: 260 × 190mm (L × W)
- ◆ 机器尺寸 Overall dimension: 3100 × 1380 × 1500mm
- ◆ 重量 Weight: About 1700Kg





ZHJ-200/260

多功能自动装盒机

Multifunctional automatic carton machine

主要特点 Feature

该产品集光、机、电、气于一体，由计算机控制，适用于药品、食品、保健品等管状、瓶状物品的机械自动装盒。自动完成物品的传送、说明书的折叠与传送、纸盒成型与传送、装物品与说明书装入纸盒内、纸盒两端纸舌封装等工序，并对不合格品进行剔除。

The product collects light, engine, electricity, gas together, control by the computer, it's fit for the machine of edition shape, bottle shape goods such as leechdom, foodstuff, health protection goods to cartoning automatically. It finishes the conveying of the goods, puckering and conveying of the brochure, carton shaping and conveying, loading the goods and brochure into the carton, and encapsulation automatically, and eliminating the unfit parts.

技术参数 Technical Parameters

- ◆ 主电机功率 Power of engine: 2.2KW
- ◆ 电源总功率 General power of electricity: 380v 50Hz 3KW
- ◆ 装盒速度 Capacity: 140-180 case/min
- ◆ 压缩空气工作压力 Air pressure: 0.6MPa
- ◆ 耗气量 Tolerance of consumption: ≤75
- ◆ 外型尺寸 Exterior dimension: 4000 × 1450 × 1900mm
- ◆ 重量 Weight: 2000Kg



SLJ-60A

全自动立式装盒机

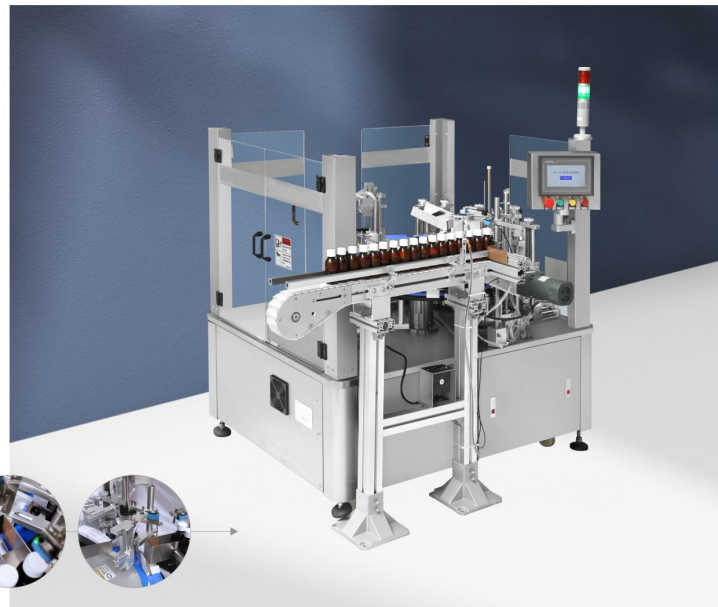
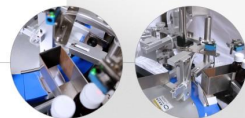
Automatic vertical cartoning machine

针对目前市场小规模、多样化生产的纸盒包装难，人工贵。我们公司专门研发了系列立式装盒机。这款全自动立式装盒机主要有取盒、开盒、放说明书、放料、折盒、封盒、打码、出盒等功能。融合了先进的设计理念，实现了一台机使用多种盒型包装，调节简单方便。PLC的控制系统使机器更加安全稳定，人机界面的操作平台操作简便，外型美观，符合GMP/CE要求。

The new series cartoning machine built with "BALCONY" design, allowing the mechanical working parts separated from the packaging area. It respects the present accident prevention maintenance and hygienic laws. The machine works with intermittent motion and with electric synchronisms controls, PLC and touch display control system functions recall-able, it is possible memorizing 100 menus with relative date for 100 different productions. Conveyor type box magazine for easy loading boxes and change over to new box size easily. Special box open device with two side suction cup by means of pull open box stably.

技术参数 Technical Parameters

- ◆ 外型尺寸 Machine size: 1600 × 1200 × 1500mm
- ◆ 生产能力 Capacity: Max.60 cartons/min
- ◆ 耗气量 Air consumption: 1.5NL per cycle at 5kg/cm²
- ◆ 整机功率 Power supply: 1.1Kw
- ◆ 纸盒规格 Carton size: W20-80mm, H20-80mm, L60-200mm (Special format size on request)





ZHTB-60

软管贴标机
Tube labeling machine

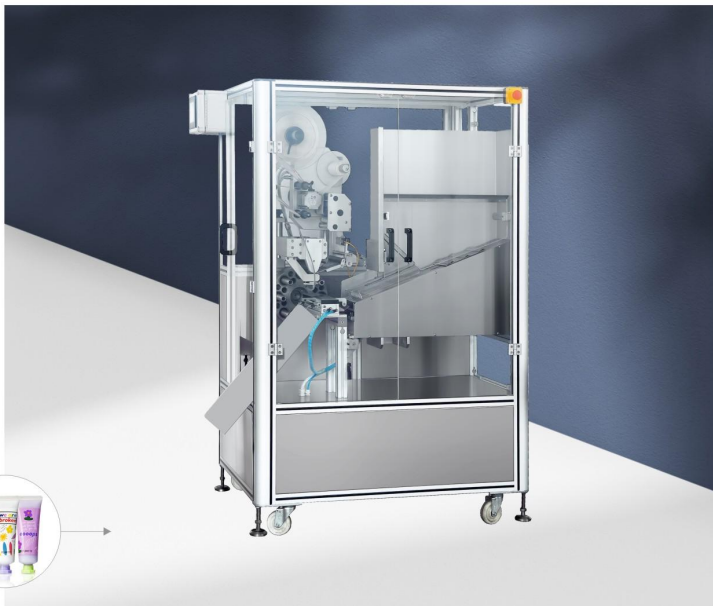
主要特点 Feature

本机采用德国先进技术及高性能的执行部件—超小惯量伺服马达，真正做到完美软管贴标。系统通过德国西门子的专业可编程控制器和三菱伺服系统，实现系统的高响应和极高的可靠性，利用先进的人机界面系统实现人机对话，主机在送标速度的控制过程中，可以达到0.01米/分钟的精度等级。

The machine adopts Germany advanced technology and high-powered components—small inertia servo motor to reach the real perfect labeling. The system carries out high response and highly reliability by the professional approved program controller of German Siemens CO. and Mitsubishi servo system, it carries out communication between machine and man by touch screen, the precision of the main machine can up to 0.01 meter per min during the process of the sending label control.

技术参数 Technical Parameters

- ◆ 贴标速度 Labeling speed: 40-60 tubes/min
- ◆ 贴标精度 Labeling accuracy: ± 0.5 mm
- ◆ 标签最大直径 Label diameter (Max.): 350mm
- ◆ 标签最大宽度 Label width (Max.): 200mm
- ◆ 软管最大直径 Tube diameter (Max.): 65mm
- ◆ 软管最小直径 Tube diameter (Min.): 19mm
- ◆ 软管最大长度 Tube length (Max.): 220mm
- ◆ 纸芯直径 Label reel core diameter: 76.2mm
- ◆ 电源功率 Power: 220V 50Hz 3000W
- ◆ 整机重量 Weight: 300kg



ZHTB01

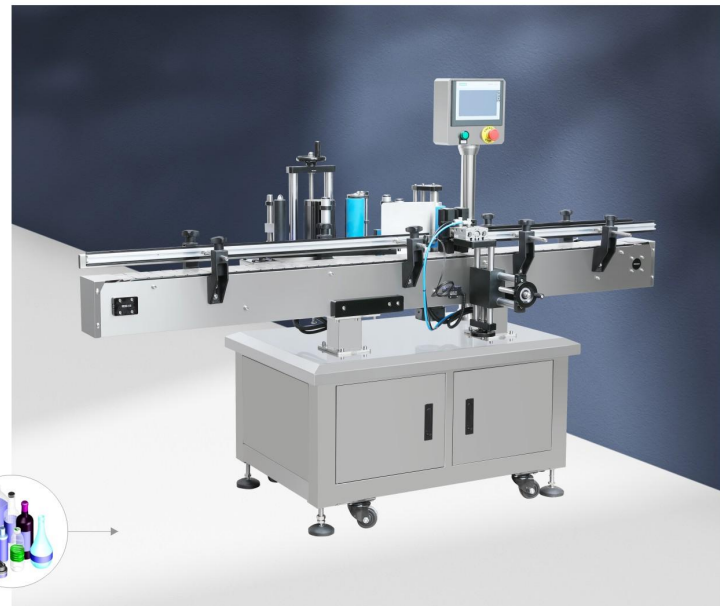
全自动贴标机
Automatic round bottle labeling machine

全自动贴标机适用于食品、医药、化妆品、电子类、五金、汽车零件、文具、电池、各种油品圆瓶，以及各种不同规格的包装产品的自动贴标机工作。

Suitable for the adhesive label of every kinds of round small bottle or any other round small bottles in the industry of medicine, foodstuff, cosmetics and so on.

技术参数 Technical Parameters

- ◆ 生产能力 Speed of labeling: 80-200 bottles/min
- ◆ 瓶子规格 Bottle outer dia: 30-100mm
- ◆ 标签卷最大外径 Total power: 300W
- ◆ 电源 Voltage: 220V50-60HZ
- ◆ 外型尺寸 Dimension: 1600×700×1400mm
- ◆ 净重 Weight: 200kg





ZHTBS02

不干胶双面贴标机

Adhesive front and back labeling machine

- ◆本产品可广泛应用于方扁瓶、椭圆瓶的单、双面贴标。
- ◆由PLC以及触摸屏控制。
- ◆适用瓶子规格0到5L。
- ◆贴标速度：0-26米/分钟。
- ◆Double side labeling for rectangular, square bottles, and elliptical bottles.
- ◆Controlled by computer (PLC) and touch screen control panel, so to achieve easy operating.
- ◆With volume of 0 to 5L.
- ◆Labeling speed range: 0-26 meter/minute.

技术参数 Technical Parameters

- ◆电源 Power supply: AC220V; 50Hz
- ◆功率 Power: 3KW
- ◆贴标速度 Labeling speed range: 0-26 meter/minute
- ◆适用纸卷内径 Suitable label roll inner diameter size: Φ 75mm
- ◆最大纸卷外径 Suitable label roll outside diameter size: Φ 350 Maximum
- ◆标准标签高度 Standard label high size: 300mm
- ◆最大标签高度 Maximum label high size: 300mm



ZHTBW01

卧式圆瓶贴标机

Horizontal round bottle labeling machine

后段包装机 BACKPACKING MACHINE **F**

主要适用于医药生产企业的安瓿瓶，西林瓶，口服液瓶等各种直径小瓶子的自动贴标和打码。

It is used for automatic labeling and printing different bottles in pharmacy industry such as ampoule bottle, vial bottle, oral bottle and so on.

技术参数 Technical Parameters

- ◆贴标速度 Labeling speed: 200-300bottle/min (Varies with the different sizes of substrates or label)
- ◆贴标精度 Labeling accuracy: 0.5mm (Excluding the error of substrate and label)
- ◆瓶子直径 Bottle diameter: 0-22mm OR 18-30mm
- ◆电源功率 Power and power supply: AC220V 5% 50Hz 1200W
- ◆整机尺寸 Dimensions: 1800mm(L) x700mm(W)x1500mm(H)





ZHTBS01

上下面自动贴标机

Top and bottom sides automatic labelling machine

上下面自动贴标机适用于食品、医药、化妆品及其它轻工行业中的高度较小的方形、圆形、扁平形类产品包装上快速自动贴标之理想设备。

Top and bottom sides automatic labelling machine is suitable for label lesser height of square, round, and flat bottles in the industry of foodstuff, medicine, cosmetic and so on.

技术参数 Technical Parameters

- ◆ 贴标能力 Label speed: 40-100BPM
- ◆ 顶面最大贴标宽度 Max label width of top side: 95mm
- ◆ 底面最大贴标宽度 Max label width of bottom side: 40mm
- ◆ 标签最小长度 Min length of label: 10mm
- ◆ 电源 Power: L/N/PE 220V 50Hz



ZHSP-100Y

智能套标机

Sleeve inserting machine

套标主机 Main Machine

- 套标速度 Speed: 100bpm
- 电压规格 Power supply: Φ AC220V 50/60hz
- 耗功率 Power consumption: 3KW
- 尺寸 Outside size: 2400(L) \times 9500(W) \times 2500(H)
- 适用容器范围 Quantity of air consumed: 50kg/hr
- 适用标签范围 Container range: 30-85mm (Dia.)
- Label range: 40-240mm (L)
- 0.035-0.082mm (Thickness)

蒸汽式收缩炉 Steam Shrinkage Furnace

- ◆ 电压规格 Power supply: Φ AC220V 50/60hz
- ◆ 耗功率 Power consumption: 0.75KW
- ◆ 尺寸 Outside size: 2000(L) \times 400(W) \times 2100(H)
- ◆ 蒸汽用量 Quantity of air consumed: 35kg/hr
- ◆ 蒸汽供应压力 Pressure of steam: 5kg/cm²





ZHTBJ-120B

浆糊贴标机

Automatic glue labeling machine

主要特点 Feature

本机广泛应用于农药、医药、食品、化工行业等圆形瓶粘标签，采用了自动化设置，操作简单，能实行有瓶自动上签，无瓶不上签之功能，大瓶小瓶可通过调整更换垫片之类的零件后适用，具有故障率低，适用效果好，速度快等优点。

This machine applies to widely realms such as agrochemical, pharmaceutical, cosmetic, food industry, special fine chemical and daily chemical. Etc. It is suitable for labeling circular bottles. If no bottle in the seat, the machine will stop till bottle comes to place. The type of machine has many advantages like high speed labeling, low malfunction rate. If you want to change the bottle size (bigger, smaller), you only need to change some small components, such as gasket. The machine is made of high-quality stainless steel; its surface has been polished. It also is applies to gmp standard requirements.

技术参数 Technical Parameters

- ◆ 电源 Power supply: AC380V; 50HZ(or according to client voltage requirement)
- ◆ 功率 Power: 2.2KW
- ◆ 适用瓶子规格 Suitable bottle size: $\Phi 35\text{mm} - \Phi 110\text{mm}$
- ◆ 最大标签规格 Suitable label size: $240\text{mm(L)} \times 100\text{mm(W)}$
- ◆ 生产能力 Production capacity: 0-120瓶/小时(bottle/h)
- ◆ 重量 Weight: 约500kg
- ◆ 外形尺寸(L*W*H) Machine dimension: $3000 \times 950 \times 1000\text{mm}$
- ◆ 需备气源 Pneumatic (air-operated) source: $<0.5\text{Mpa}$ (洁净稳定气源 Map clean and stable compressed air)



- ◆ 本机广泛应用于农药、医药、食品、化工行业等圆形瓶粘标签。
- ◆ 能实行有瓶自动上签，无瓶不上签之功能。
- ◆ 符合GMP标准。
- ◆ 生产能力: 0-22米/分钟。

- ◆ It applies to widely realms in agrochemical, pharmaceutical, cosmetic and food industries.
- ◆ If no bottle in the seat, the machine will stop till bottle comes to place.
- ◆ It is applies to GMP standard requirements.
- ◆ Production capacity: 0-22Meters/Minute.



ST-6030AH+SM-6040

全自动整列(PE)收缩包装机

Auto (PE) tidy & shrink packager

后段包装机 BACKPACKING MACHINE **F**

技术参数 Technical Parameters

- ◆ 进料带水平高度/长度 Horizontal Height and length of infeed Conveyor: $850 \pm 50\text{mm}/1500\text{mm}$
- ◆ 最大包装尺寸 Max packing dimension: $L600 \times W300 \times H300\text{mm}$
- ◆ 包装速度 Packing Speed: 8-18pcs/min
- ◆ 使用电源、功率 Rated Power: $1 \Phi /220\text{V}/50\text{Hz}/2\text{KW}$
- ◆ 封切时间/收缩时间温度 Shrink time/temperature $0.5-1.5\text{S}/0-0.6\text{S}/0-250^\circ\text{C}$
- ◆ 包装膜宽度/厚度 Width of the Film/thick: $\text{Max}600\text{mm}/0.04-0.12\text{mm}$
- ◆ 外型尺寸 Dimension: $L3840 \times W1000 \times H1950\text{mm}$
- ◆ 净重 Gross weight: 600kg





ZH-5545T

L型全自动封切机

L Type auto tidy & shrink packaging

全自动封切机，与流水线配套使用，采用抗粘耐温之恒温式铝合金封刀，封口线不会断裂，不冒烟，零污染自动送料，长度由电眼和计时器组合自动调整，加装一组垂直电眼封薄且小的包装物，亦能轻易完成，薄膜原料由马达自动卷取。

Automatic sealing machine, and supporting the use of the assembly line, the use of anti-stick temperature thermostat aluminum seal knife, sealing line will not break, no smoke, zero pollution automatic feeding, the length of the combination of electric eye and timer automatically adjust the installation A set of vertical electric eye thin and small package, but also can be easily completed, the film material automatically by the motor coiling.

技术参数 Technical Parameters

- ◆最大包装尺寸 Max packing dimension: L550 x W450 x H120mm
- ◆包装速度 Packing speed: 1500-1800pic/h
- ◆使用电源、功率 Rated power: 1 Φ 220V 1.3 Kw
- ◆封切时间/收缩时间温度 Shrink time/temperature: 0.5-1.5S / 0-0.6S / 0-250°C
- ◆外型尺寸 Dimension: L 1655 x W 850 x H 1380mm



CPP-600

全自动装箱机

Automatic case packing machine

CPP-600全自动装箱机是一款集开箱，堆垛，装箱，封箱等工序于一体的全自动包装设备。可以选配机械手臂，从而实现纸箱贴标签，纸箱堆垛最终物流直接对接的全面解决方案。

CPP-600 Automatic case packing machine is an automagical equipment gathering the case opening, stocking, casing, sealing and other functions in one machine. We can also take the optional mechanical hand to achieve the labeling on the cases and cases stocking for further transportation. The stable speed of this machine can reach 4 cases per minutes. All the performances of the machine have been reach the top level technology of the world.

技术参数 Technical Parameters

- ◆生产能力 Speed: 360cases/hour
- ◆纸箱尺寸 Case size: Min 300 x 250 x 200 mm
Max 600 x 400 x 400mm
- ◆电源 Power: AC 380V 3P 50HZ 7500W
- ◆气源 Air pressure: >0.6 MPa
Air Consumption: <1 CMB/h
- ◆外形尺寸 Dimension: 4000 x 2000 x 2600mm
- ◆重量 Weight: 1200kg

