

专利证书

PATENT CERTIFICATE



深圳市工腾科技有限公司
Shenzhen Gongteng Technology Co., Ltd.

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GT-TB750

自动套标机

GT-TB750 Automatic shrink labelling machine



以工匠精神追逐科技飞腾

Pursuing Science And Technology Development By Craftsmanship Spirit

公司简介

COMPANY PROFILE



深圳市工藤科技有限公司地处中国改革开放前沿城市，依托科技城市优良的研发环境，严格执行一线城市高端的企业标准，秉承“以工匠精神追逐科技飞翔”的经营理念，从事自动化工业机械、电子产品的研发、设计、销售。业务覆盖：包装工业产品、清洗工业产品、水处理工业产品、消费类机械电子产品等领域，荣获多项国家专利。

我公司设计制造的专业级包装蒸汽收缩机、热风热缩机、套标机、贴标机、封箱机、开箱机、自动化包装生产线、多功能洗桶机、工业级刷桶机、移动式露营空调、船舶海水淡化设备、远洋轮船清污机器人等多项产品处于行业领先水平，赢得了广大客户的信赖，业务基本遍及全国所有省份，并出口至美国、英国、日本、欧洲等西方发达国家，诸多国内一线品牌与国际 500 强企业与我公司进行过业务合作。

公司成立于 2008 年，凭借高端的技术与服务，2009 年成为立白集团供应商，2010 年我公司的设备参与了南非世界杯大喇叭“啦啦啦”的生产，后续与日化巨头宝洁集团、旺旺集团、日本日塑集团、亚太集团、白猫集团、彩虹集团、传化集团、名臣集团、英国伦敦杜蕾斯集团、迪士尼授权品牌、漫威授权品牌、威露士集团、李锦记集团、北京紫禁城化学研究院、深圳大学、中国印钞造币总公司、空军总院等诸多国内外一线品牌企业建立业务关系。

我公司将继续努力，珍惜昨日的荣誉，接受今日的挑战，再创明天的辉煌！

Shenzhen Gongteng Technology Co., Ltd is located in the frontier city of China's reform and opening-up. Based on the favorable R&D environment of science and technology city, the Company strictly implements the standards of high-end enterprise management for Tier 1 city, and takes over the operating concept of "pursuing science and technology development by craftsmanship spirit" to work on R&D, design and sales of the mechanical and electronic products of automotive industries. Business range: The business covers packaging industry product, cleaning industry product, water treatment industry product and consumer machinery and electronics product, etc. The Company has been awarded with multiple national patents.

The professional package steam shrinker, heat wind thermoforming machine, shrink sleeve labeling machine, labeling machine, carton sealing machine, automatic packaging production line, multifunctional barrel washer, industrial-grade barrel brushing machine, movable air conditioner for camping, on-board sea water desalination equipment, cleaning robot for ocean steamer and other products designed and manufactured by the Company are dominant in the industry, and they have won the trust of general customers. The business of the Company has covered all the provinces in China, and the products of the Company are exported to developed western countries of USA, UK, Europe and Japan. The Company also cooperates with multiple Tier 1 brands in China and top 500 enterprises in the world for business.

The Company was established in 2008. With high-end technologies and services, in 2009, the Company became a supplier of Liby Group. In 2010, the equipment of the Company participated in the production of "WooLaLa", typhoon of South Africa World Cup. Successively, the Company has established business cooperation with Tier 1 brands and enterprises in China, such as P&G (a tycoon of daily chemical), Want Want Group, Techno Group, Asipac Group, Whitecat Group, Rainbow Group, Transfar Group, Mingchen Group, Durex, Disney licensing brand, Marvel licensing brand, Walch, Lee Kum Kee, Forbidden City Chemical Research Institute, Shenzhen University, China Banknote Printing And Minting Corporation General Hospital of Air Force, etc.

The Company will keep trying, cherish the honors of the past, accept current challenges and create glories in the future again!

GT-TB750自动套标机

GT-TB750自动套标机是我公司研制生产的一款多用途自动化套标设备，可实现大部分瓶子、罐子类产品的收缩膜自动分切与套装，后面配合自动收缩炉完成自动套标收缩的一系列工序。

TB750套标机依据多年客户案例，不断实践实施程序算法优化与结构优化对各种异形瓶或其他客户要求较高的产品有很好的适应性。



技术参数

TECHNICAL PARAMETERS

GT-TB750自动套标机			
型号 Model	GT-TB750	功率 Power	3KW
规格 Specifications	2000MM*1100MM*1900MM 长*宽*高	重量 Weight	360KG
电压 Voltage	380V/50Hz	气压 pressure	0
噪音 noise	< 80 noise	工作温度 temperature	0-45°
效率 Efficiency	4500/H-15000/H(依据不同产品速度不同)		



技术特性:

- 1.配置西门子工业计算机PLC, 西门子人机交互触摸屏, 以及德国西克高精度光纤传感器, 质量可靠、运行稳定。
- 2.配套设备完善, 可配套我公司设计的数控包底定位收缩机, 专业级数控调温100-300度蒸汽收缩机、专业风刀吹干机, 全套设备自主研发, 一站式配套采购。
- 3.丰富的收缩套标工艺设计经验; 我司从事十多年专业从事收缩包装工艺设计, 从套标、定位、收缩、吹干全系列工艺积累了丰富的行业经验, 可以向客户提供非常有价值的收缩膜包装设计经验, 协助客户解决各种收缩包装难题。
- 4.客户案例丰富, 我公司的收缩包装设备在全国各个省份均有用户, 众多行业领军企业均与我公司有业务关系, 技术服务完善成熟。



采用西门子工业计算机控制系统，各种工艺参数数字化设定，系统规范清晰明了。稳定高效

Siemens industrial computer control system is adopted for digital automatic control of various process parameters. The system is clear, stable and efficient.



标准化工艺组件，根据不同的套标工艺进行灵活搭配，在需要高精度对位时搭配3套伺服系统，通过对套标的时间、位置、速度精确控制，达到对收缩膜切断后射出的位置、方向进行精确控制，从而提高落标方向、位置的精确控制。套标后整理标位部分依据不同的精度要求，选配毛刷系统，或上拍式压平系统，来优化标签的圆周对位。

德国西克光电传感器，高效精确的识别色标位置，配合刀驱伺服系统精确的定位分切膜标。

套标采用伺服电机代替普通电机，精切控制套标速度、位置。伺服套标系统根据识别来料后驱动，不会一直空转，更加节能，并且大幅减少套标轮、皮带的磨损，延长配件的使用寿命。



依据定位要求的不同，选择皮带加持定位系统，或者治具定位系统，后续配合毛刷整标系统或上拍式整标系统，来达到需求的定位效果。

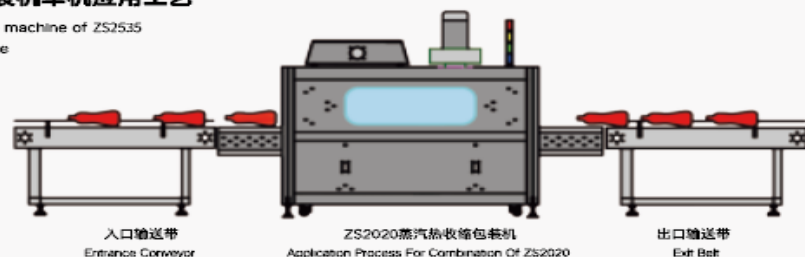


控制系统采用德国西门子工业计算机控制系统，电机驱动器也采用的式西门子数字变频驱动器，确保系统长期高效稳定运行。

上料机构配套了升降式防护栏，符合防撞安全规定，同时可以快捷升降，又不影响卷料的更换。

ZS2535蒸汽热收缩包装机单机应用工艺

The application process of the single machine of ZS2535 steam heat shrink packaging machine

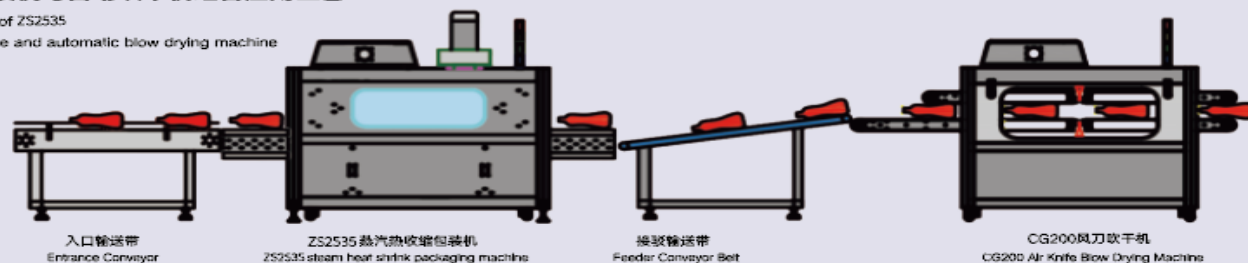


ZS2535蒸汽热收缩包装机可单机组成手动套标收缩包装生产线, 内置一体式蒸汽发生器, 连接水电即可使用; 整机采用工业计算机自动控制, 具备蒸汽温度数控调节功能, 适用于要求较高的产品包装。

ZS2535 steam heat shrinkable packaging machine can form a manual shrinkable packaging production line with a single machine. Body type steam generator can be used by connecting water and electricity; The whole machine adopts industrial computer automatic control, with Steam temperature numerical control regulation function, suitable for product packaging with high requirements.

ZS2535蒸汽热收缩包装机与自动吹干机组合应用工艺

Application process for combination of ZS2535 steam heat shrink packaging machine and automatic blow drying machine

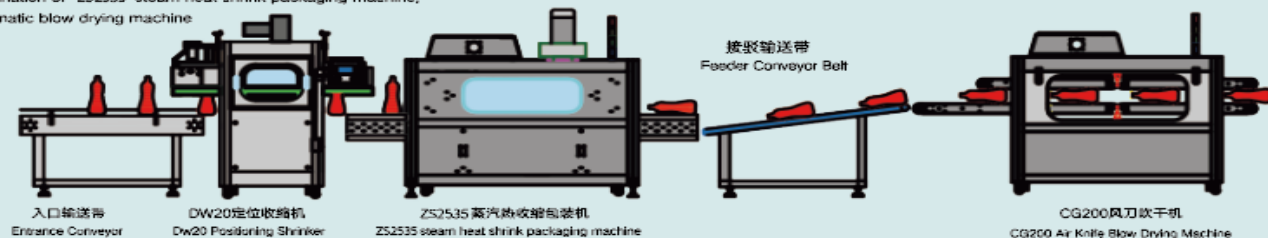


ZS2535蒸汽热收缩包装机与CG200风刀吹干机组合使用, 可以在产品收缩后自动流入吹干机, 对产品表层水汽进行吹干, 达到收缩后即刻装箱的目的, 节约了人工擦干工序, 解决了毛巾变脏晾干产品留下污渍问题。

When ZS2535 steam heat shrink packaging machine is combined with CG200 air knife blow drying machine for use, the products can be automatically flown into the blow drying machine after being shrunk, which dries the moisture on the surface of the product to achieve immediate packing after shrinking, to save the process of manual drying, which solves the problem of stain due to dirty towel.

ZS2535蒸汽热收缩包装机与定位收缩机、自动吹干机组合应用工艺

Application process for combination of ZS2535 steam heat shrink packaging machine, positioning shrinker and automatic blow drying machine



ZS2535蒸汽热收缩包装机与DW20定位收缩机、CG200风刀吹干机组合使用, 可以对需要包底的产品进行底部长度自动定位并预先收缩, 然后流入ZS2535蒸汽热收缩包装机进行整体收缩, 后面流入自动吹干机对表面水汽自动吹干, 节约人工定位、吹干工序, 提高生产效率, 降低生产成本。

When ZS2535 steam heat shrink packaging machine is used with DW20 positioning shrinker, CG200 air knife blow drying machine, the bottom length of the product needs to be packed will be automatically positioned and shrunk in advance, and then, the products will be flown into ZS2535 steam heat shrink packaging machine for overall shrinking, and then, the products will be automatically flown to automatic blow drying machine to automatically dry the moisture on the surface, therefore, manual positioning and drying process can be saved to improve production efficiency and lower production costs.

ZS2535蒸汽热收缩包装机与自动套标机、定位收缩机、自动吹干机组合应用工艺

The application process for combination of ZS2535 steam heat shrink packaging machine, automatic shrink sleeve labeling machine, positioning shrinker and automatic blow drying machine



ZS2535蒸汽热收缩包装机与TB750自动套标机、DW20定位收缩机、CG200自动吹干机配套使用可以实现: 套标、包底定位、收缩、吹干的全自动生产。不需要包底定位的产品也可以去掉DW20定位收缩机, 不需要吹干则去掉CG200风刀吹干机, 用户根据需要自由搭配组合。

The combination of ZS2535 steam heat shrink packaging machine, TB750 automatic shrink sleeve labeling machine, DW20 positioning shrinker and CG200 automatic blow drying machine can achieve the full-automatic production of labeling, button positioning, shrinking and drying. For the products which do not need button positioning, DW20 positioning shrinker can be removed; for the products which do not need drying, CG200 air knife blow drying machine can be removed. Users are allowed to freely combine in accordance with the demands.

GT-TB750部分配套设备简介

GT-TB750 Automatic shrink labelling machine

GT-DW20定位收缩包装机

GT-dw20 Positioning Shrink Packaging Machine

DW20定位收缩包装机主要应用于产品收缩前底部标签高度自动定位, 采用伺服数控系统精确控制标签超出瓶底的长度, 并对定位部分进行与预先收缩固定位置。

DW20 positioning shrink packaging machine is mainly used for automatic positioning of the height of the label on the button before the products are shrunk. When the servc numerical control system is used, the length of the part exceeding the button of the label can be accurately controlled to conduct pre-shrinking to the fixing position in advance.



GT-CG200风刀吹干机

GT-cg200 Air Knife Blow Drying Machine

CG200风刀吹干机主要应用于产品蒸汽收缩后表层水分的吹干, 设备采用高压空气形成气刀高速吹脱产品表层的水珠来达到干燥的效果。

GT-CG200 air knife blow drying machine is mainly used to dry the moisture on the surface of the product after steam shrinking. The equipment uses high-pressure air to form an air knife to quickly blow off the drop of water on the surface of the products to achieve the effects of drying.



GT-TB750自动套标机

GT-tb750 Automatic Shrink Sleeve Labelling Machine

TB750自动套标机主要应用于产品收缩膜标签自动套标, 代替人工手动套标工序, 可以非常高速高效的对各种产品进行全自动化的套标作业。

TB750 automatic shrink sleeve labelling machine is mainly used for the automatic labelling of the shrink film labels of the products. it can replace manual labelling process to complete the automatic labelling operation at a high speed.



部分客户案例

SELECTED CUSTOMER CASES



SHISEIDO
資生堂

PROYA
珀莱雅



LUX力士

中国印钞造币
中钞实业有限公司



蓝月亮

