

郑州优孚机械有限公司

Zhengzhou Uniflow Machinery Co., Ltd.



# 贴标机系列

Labeling Machine Series

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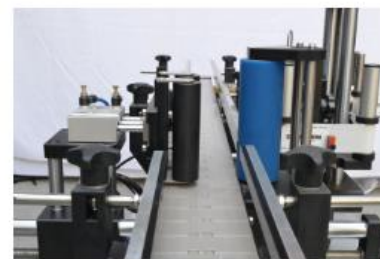
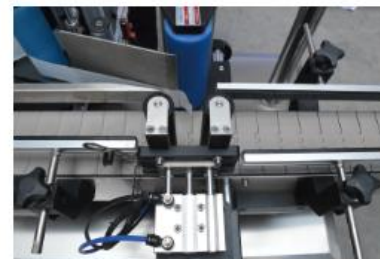
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# 立式圆周定位贴标机

## VERTICAL CIRCULAR POSITIONING LABELING MACHINE



## 产品介绍

采用滚轮搓标装置，高速度贴标以往贴标采用皮带式搓标由于皮带在运动过程中出现跑偏现象，影响贴标。所以利用这种贴标方式彻底消除了皮带上下串动引起的贴标误差。先进的人机界面系统，在线帮助信息，真正的人机互动操作简单易学工人稍加培训即可操作。

## PRODUCT DESCRIPTION

Traditional labeling machines adopt belt-type rubbing mechanisms, which often cause label deviation due to belt wandering and movement. This machine uses a roller rubbing structure to completely eliminate labeling errors caused by belt displacement. Equipped with an advanced human-machine interface and built-in help system, it features simple operation. Operators can master the machine quickly after basic training.

产品特点

- 1、适用于医药、日化等行业的圆形物体圆周贴标。
- 2、该机型最大特点是采用滚轮搓标，高精度，高速度。
- 3、以往贴标采用皮带式搓标，由于皮带在运动过程中出现跑偏现象，影响贴标，所以利用这种贴标方式彻底消除了皮带上下串动引起的贴标误差。
- 4、机器结构简单，紧凑，便于操作及维护。通用形的分瓶装置，任何直径的瓶形都不用更换配件，快速调较。
- 5、贴标头可选择采用世界知名工厂高精度伺服马达控制出标，实现真正闭环控制，高精度细分，最大出标速度可达50m/m

FEATURES

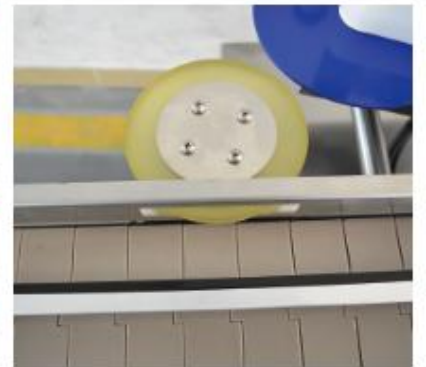
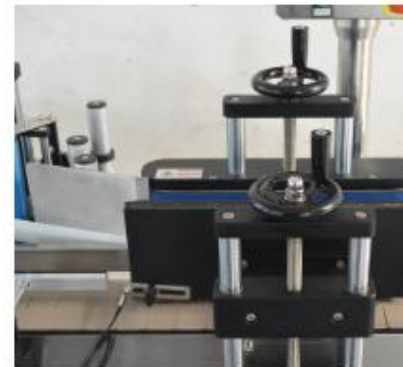
- 1.Designed for circumferential labeling of round products in pharmaceutical, daily chemical and other industries.
- 2.Equipped with a roller rubbing mechanism to achieve high speed and high precision labeling.
- 3.The roller rubbing structure solves the labeling deviation problem of traditional belt-type rubbing devices.
- 4.Compact and simple structure for easy operation and maintenance. The universal bottle separator requires no replacement parts for bottles of different diameters and supports quick adjustment.
- 5.The labeling head can be equipped with world-famous high-precision servo motors to realize true closed-loop control and high-precision indexing. The maximum labeling speed reaches 50 m/min

技术参数 / Specifications

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| 型号 /Model                                   | UFTB-230                                |
| 贴标速度 /Labeling speed                        | 20-60瓶/min/20-60 bottles/min            |
| 贴标精度 /Labeling accuracy                     | ±1mm                                    |
| 标签最大宽度 / Max label width                    | 100mm（还可根据需要增加宽度 / can be customized）   |
| 被贴物尺寸 / Applicable product size             | φ30-φ80mm（还可根据需要定做 / can be customized） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ330mm / Maxφ330mm                    |
| 使用气源 / Air source                           | 4-6 kgf/cm², 30L/min                    |
| 整机尺寸 / Dimension                            | 2000×800×1600mm                         |
| 适用电压 / Voltage                              | 220V, 50Hz , 1000W                      |
| 整机重量 / Weight                               | 250kg                                   |

# 圆瓶贴标机

ROUND BOTTLE LABELING MACHINE



产品介绍

- 1，本机适用于食品、日化品、医药，化妆品等圆瓶的圆圈标签。
- 2，皮带式搓标机构是本机的最佳特点，运行速度快。  
通用性高，适用于多种尺寸的圆瓶。
- 3，结构简洁，易于操作和维修。
- 4，不同的瓶子尺寸不需要更换部件，因为分离套件是全能的。
- 5，伺服马达驱动标签头，因此最大贴标速度为每分钟60米。
- 6，先进的人性化界面，以及在线帮助系统。

PRODUCT DESCRIPTION

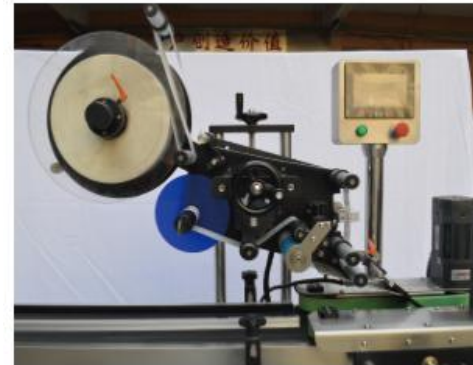
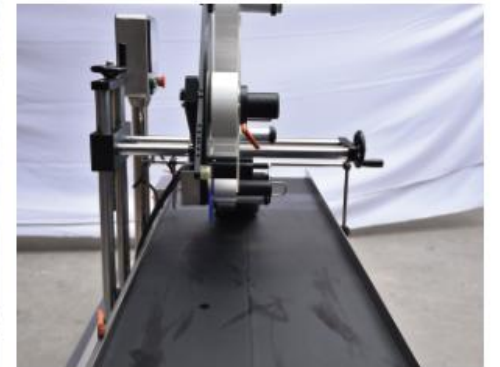
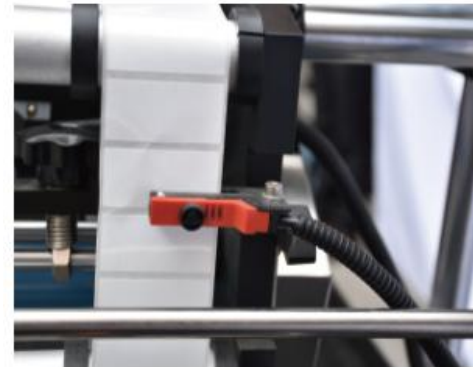
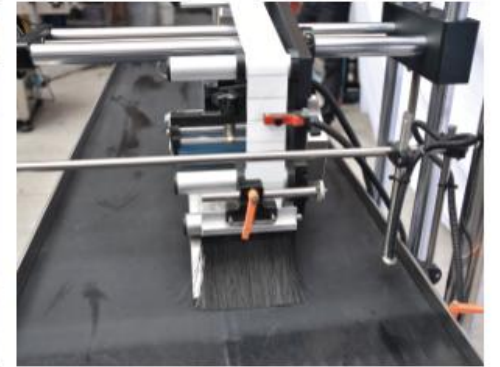
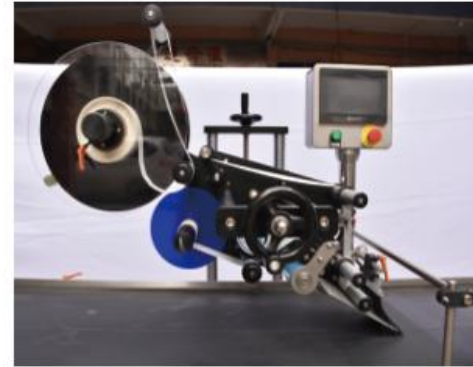
- 1.This machine is used for circumferential labeling of round bottles in food, daily chemical, pharmaceutical and cosmetic industries.
- 2.It adopts a belt-type rubbing label mechanism with fast running speed and strong universality for various round bottle sizes.
- 3.Simple structure, easy operation and maintenance.
- 4.The universal bottle separator requires no replacement parts when switching different bottle sizes.
- 5.The labeling head is driven by a servo motor, with a maximum labeling speed of 60 meters per minute. It is also equipped with an advanced user-friendly interface and online help system.

技术参数 / Specifications

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| 型号 /Model                                   | UFTB-200                                |
| 贴标速度 /Labeling speed                        | 最大可达120件/分Max 120pieces/min             |
| 贴标精度 /Labeling accuracy                     | ±0.1mm                                  |
| 标签最大宽度 / Max label width                    | 100mm（还可根据需要增加宽度 / can be customized）   |
| 被贴物尺寸 / Applicable product size             | φ30-φ80mm（还可根据需要定做 / can be customized） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ350mm / Maxφ350mm                    |
| 使用气源 / Air source                           | Not applicable                          |
| 整机尺寸 / Dimension                            | 2000×800×1650mm                         |
| 适用电压 / Voltage                              | 220V , 50Hz , 1000W                     |
| 整机重量 / Weight                               | 250kg                                   |

# 平面贴标机

FLAT SURFACE LABELING MACHINE



- 1、贴标头可选择采用世界知名工厂高精度伺服马达控制出标，实现真正闭环控制，高精度细分，这一切都是为高精度而设计。
- 2、双段式离合器设计，使标签张紧力更加稳定，便于提高贴标精度。
- 3、控制系统采用日本三菱PLC，配名厂触摸显示屏，中英文双语操作界面
- 4、皮带式输送线，适合于各种平面产品的贴标。可选配产品夹带机构或贴标模具，实现更高精度的贴标。
- 5、可选配分页器，适用于单张纸、信封、贺卡、纸盒等产品的分页，准确而快速。
- 6、可以选配全封闭式机架，SCHMEASAL安全开关，分页器，适用于单张纸、信封、贺卡、纸盒等产品的分页，准确而快速。

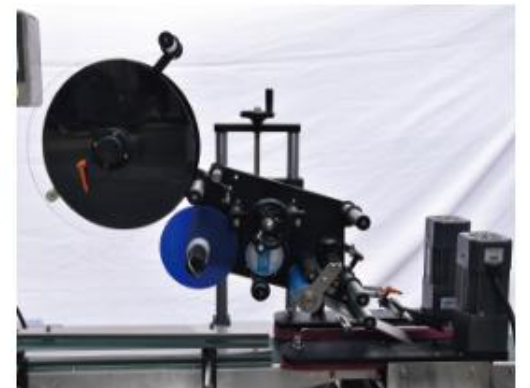
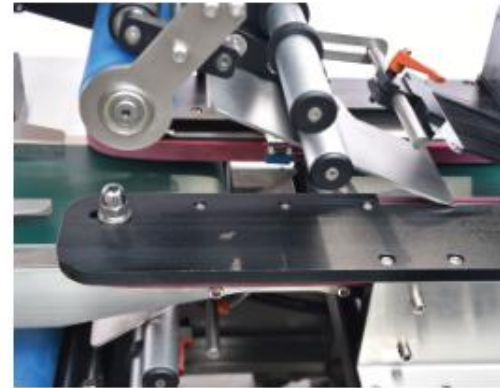
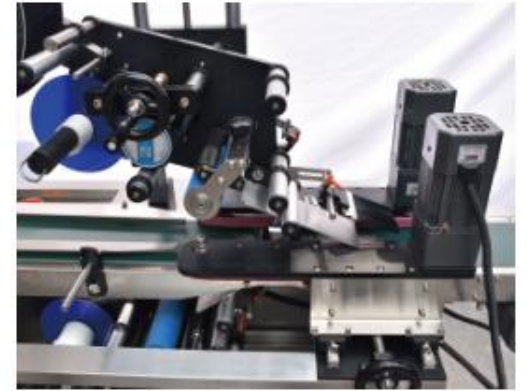
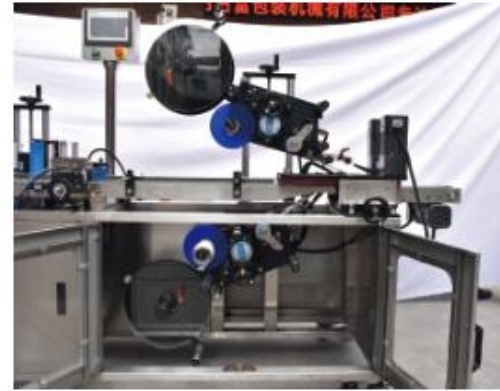
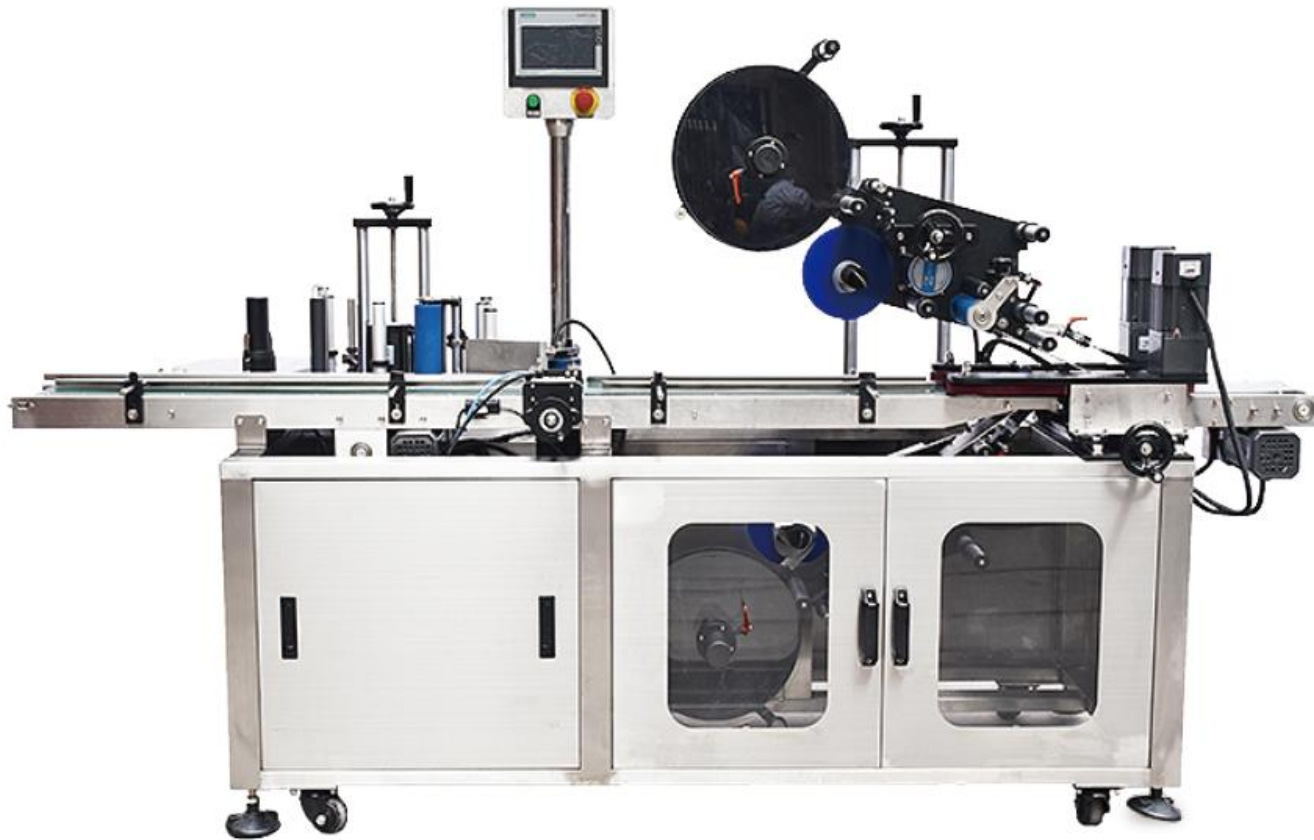
- 1.The labeling head can be fitted with world-famous high-precision servo motors to realize true closed-loop control and high-precision indexing for high-accuracy labeling.
- 2.The double-stage clutch ensures stable label tension and improves labeling precision.
- 3.The control system adopts Mitsubishi PLC and branded touch screen with bilingual Chinese and English operation interface.
- 4.Equipped with a belt conveyor for labeling various flat products. Optional product clamping mechanism and labeling mold are available for higher labeling accuracy.
- 5.An optional sheet feeder is applicable for sorting single sheets, envelopes, greeting cards and cartons with high speed and accuracy.
- 6.Optional fully enclosed frame and SCHMERSAL safety switch are available.

技术参数 / Specifications

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| 型号 /Model                                   | UFTB-220                                |
| 贴标速度 /Labeling speed                        | 10-40米/分 /10-40meters/min               |
| 贴标精度 /Labeling accuracy                     | ±1mm                                    |
| 标签最大宽度 / Max label width                    | 100mm（还可根据需要增加宽度 / can be customized）   |
| 被贴物尺寸 / Applicable product size             | φ30-φ80mm（还可根据需要定做 / can be customized） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ300mm / Maxφ300mm                    |
| 使用气源 / Air source                           | 4-6kgf/cm², 30L/min                     |
| 整机尺寸 / Dimension                            | 2000×800×1500mm                         |
| 适用电压 / Voltage                              | 220V , 50Hz , 2000W                     |
| 整机重量 / Weight                               | 250kg                                   |

# 上下平面贴标机

TOP AND BOTTOM FLAT SURFACE LABELING MACHINE



产品介绍

适合平整产品的顶、底部贴标，整机完美设计，高性能的控制、保证了快速精确的贴标，同时可以选择即时打码贴标功能及错标、无标等不良品检测、剔除功能。

- 1、 整机适用于平整产品的上、下部单面或双面贴标，
- 2、 可以选配即时打码贴标功能及错标、无标等不良品检测和剔除功能。
- 3、 贴标头可选择采用世界知名工厂高精度伺服马达控制出标
- 4、 控制系统采用三菱PLC，配名厂触摸显示屏，中英文双语操作界面
- 5、 独特的夹带机构，保证产品输送平稳，贴标准确
- 6、 输送线速度、压带速度、出标速度均可无极调速
- 7、 可以选配全封闭式机架，SCHMEASAL安全开关

技术参数 / Specifications

PRODUCT DESCRIPTION

This machine is designed for top and bottom labeling of flat products. With sophisticated overall design and high-performance control system, it ensures fast and accurate labeling. Optional functions include real-time printing, defective label detection and rejection for missing or incorrect labels.

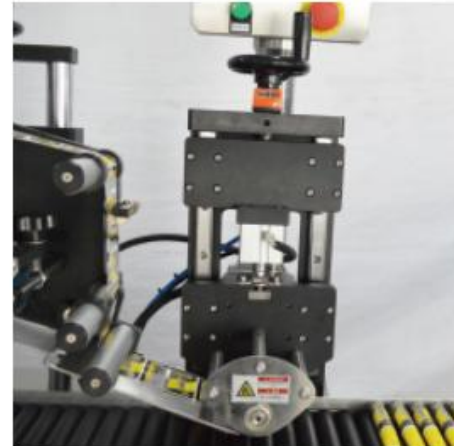
- 1.Suitable for single-sided or double-sided labeling on the top and bottom of flat products.
- 2.Supports optional real-time printing, defective label detection and rejection functions.
- 3.The labeling head can be equipped with world-famous high-precision servo motors.
- 4.Control system: Mitsubishi PLC + branded touch screen with Chinese & English bilingual interface.
- 5.The exclusive clamping mechanism guarantees stable product conveying and accurate labeling.
- 6.The speed of conveyor belt, pressure belt and labeling head can be adjusted steplessly.

Optional fully enclosed frame and SCHMERSAL safety switch.

|                                             |                           |
|---------------------------------------------|---------------------------|
| 型号 /Model                                   | UFTB-220-2                |
| 贴标速度 /Labeling speed                        | 10-30米/分 /10-30meters/min |
| 贴标精度 /Labeling accuracy                     | ±1mm                      |
| 标签最大宽度 / Max label width                    | 100mm                     |
| 被贴物尺寸 / Applicable product size             | Not applicable            |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                     |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ300mm / Maxφ300mm      |
| 使用气源 / Air source                           | Not applicable            |
| 整机尺寸 / Dimension                            | 2000×800×1650mm           |
| 适用电压 / Voltage                              | 220V , 50Hz , 2000W       |
| 整机重量 / Weight                               | 300kg                     |

# 卧式定位贴标机

HORIZONTAL POSITIONING LABELING MACHINE



- 1、适合口服液、小电池、西林瓶等到圆形物体的全周或半周贴标
- 2、可倾斜式设计，被贴物自动定位贴标
- 3、可加装全自动下料器，配合整机使用，最高贴标速度可达300瓶/分钟
- 4、可选下料拨盘与大料仓设计，上料快速方便
- 5、伺服马达驱动，最大出标速度可达60米/分钟
- 6、可以配合全自动的下料系统，便于产品的包装

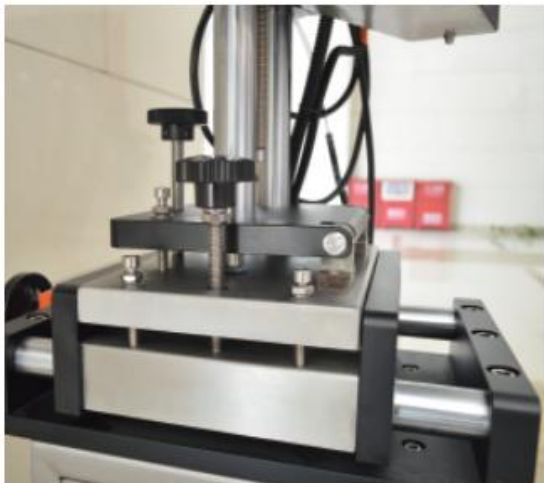
- 1.Suitable for full or half circumferential labeling of round containers such as oral liquid bottles and vials.
- 2.Tilting structure realizes automatic positioning and labeling of products.
- 3.Optional automatic feeder increases the maximum labeling speed up to 300 bottles per minute.
- 4.Equipped with optional unloading dial and large hopper for fast and convenient feeding.
- 5.Driven by servo motor, the maximum labeling speed reaches 60 m/min.
- 6.Matched with automatic feeding system to simplify product packaging procedures.

技术参数 / Specifications

|                                             |                              |
|---------------------------------------------|------------------------------|
| 型号 /Model                                   | UFTB-230                     |
| 贴标速度 /Labeling speed                        | 最大可达300件/分/Max 300pieces/min |
| 贴标精度 /Labeling accuracy                     | ±0.5mm                       |
| 标签最大宽度 / Max label width                    | 100mm                        |
| 被贴物尺寸 / Applicable product size             | φ10-φ30mm                    |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                        |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ350mm / Maxφ350mm         |
| 使用气源 / Air source                           | Not applicable               |
| 整机尺寸 / Dimension                            | 2000×800×1650mm              |
| 适用电压 / Voltage                              | 220V ,50Hz,1000W             |
| 整机重量 / Weight                               | 350kg                        |

# 移动贴标机

MOBILE LABELING MACHINE



自动可移动贴标机是采用不干胶卷筒贴标纸，贴标采用平面贴与滚贴方式，可配制自动送瓶和收瓶装置，一次完成放瓶、贴标及收瓶程序，还可配备印字机同步完成标签打印，本机采用电脑光纤控制，同步追踪，出标由互感步进电机控制，确保出标速度与卷瓶速度同步的自动化包装机械。是现代的机电一体化产品，具有优良和可靠的工作性能。不干胶贴标机具有清洁卫生、不发霉，贴标后美观、牢固、不会自行脱落，生产效率高等优点。

This automatic mobile labeling machine uses roll-type self-adhesive labels and supports flat and roll labeling modes. It can be equipped with automatic bottle feeding and collecting devices to complete feeding, labeling and collecting in one process. An optional printer realizes synchronous label printing.

Adopting optical fiber synchronous tracking control, the labeling system is driven by a stepping motor to keep the labeling speed synchronized with bottle rotation speed. As a modern mechatronic device, it delivers stable and reliable performance.

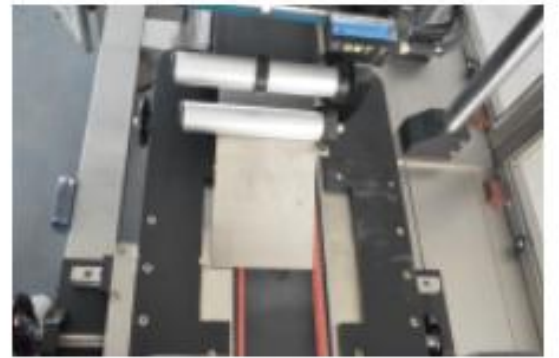
Self-adhesive labeling features sanitation, mildew resistance, attractive appearance, firm adhesion and high production efficiency.

技术参数 / Specifications

|                                   |                                                              |
|-----------------------------------|--------------------------------------------------------------|
| 型号 /Model                         | UFTB-280                                                     |
| 电源电压 /Supply voltage              | AC 220 V / 50 Hz; 110 V / 60 Hz                              |
| 整机功率 /Overall power               | 1200W                                                        |
| 适用产品范围 / Applicable product range | 外径/external diameter12-100mm 高度/height30-200mm               |
| 适用标签范围 / Applicable label range   | 高/high15-100mm 长/long20-300mm                                |
| 使用气源 / Air source                 | 以空压机为准                                                       |
| 产量（瓶/分钟） / Output (bottle / min)  | 30-120bottles/min /(depending on the product and label size) |
| 整机尺寸/Dimension                    | 400×400×1300mm                                               |
| 整机重量 /Weight                      | 100kg                                                        |

# 上下面贴标机

LABELING MACHINE ABOVE AND BELOW



产品特点

FEATURES

- 1.贴标头可选择采用世界知名工厂高精度伺服马达控制出标，实现真正闭环控制，高精度细分，这一切都是为高精度而设计。
- 2.双段式离合器设计，使标签张紧力更加稳定，便于提高贴标精度
- 3.控制系统采用日本三菱PLC，配名厂触摸显示屏，中英文双语操作界面。
- 4.皮带式输送线，适合于各种平面产品的贴标。可选配产品夹带机构或贴标模具，实现更高精度的贴标。
- 5.可选配分页器，适用于单张纸、信封、贺卡、纸盒等产品的分野，准确而快速。
- 6.可以选配全封闭式机架，SCHMEASAL安全开关，分页器，适用于单张纸、信封、贺卡、纸盒等产品的分页，准确而快速。

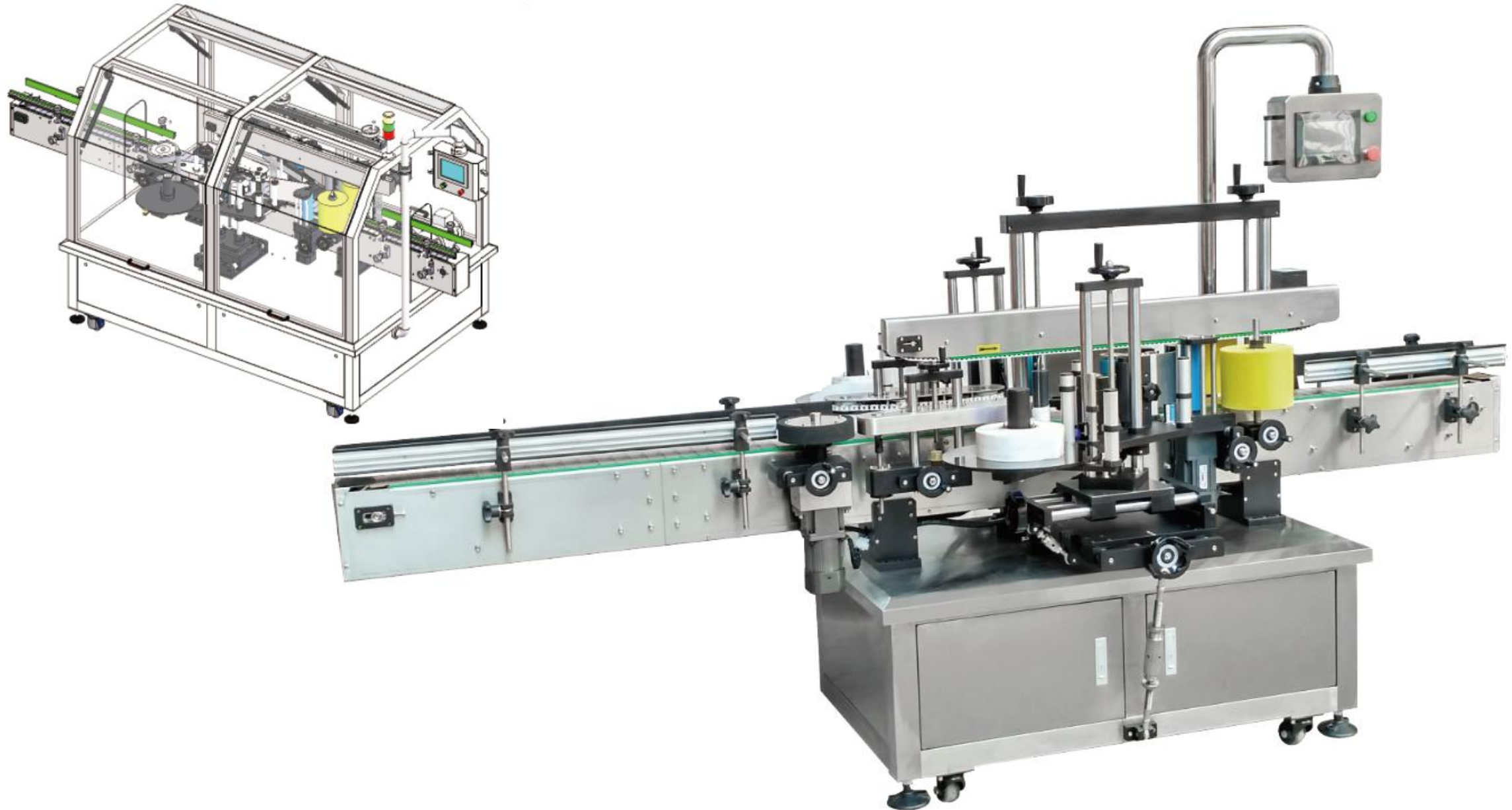
- 1.The labeling head can be equipped with world-famous high-precision servo motors to realize true closed-loop control and high-precision indexing.
- 2.The double-stage clutch stabilizes label tension and improves labeling accuracy.
- 3.Control system: Japan Mitsubishi PLC + branded touch screen with Chinese & English bilingual interface.
- 4.Belt conveyor for labeling various flat products. Optional clamping mechanism and labeling mold for higher precision.
- 5.Optional sheet feeder for sorting single sheets, envelopes, greeting cards and cartons.
- 6.Optional fully enclosed frame, SCHMERSAL safety switch and sheet feeder.

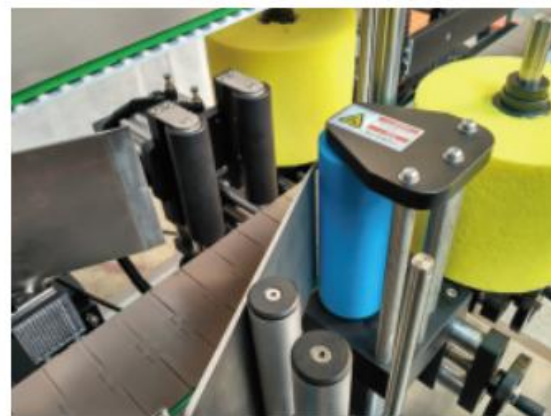
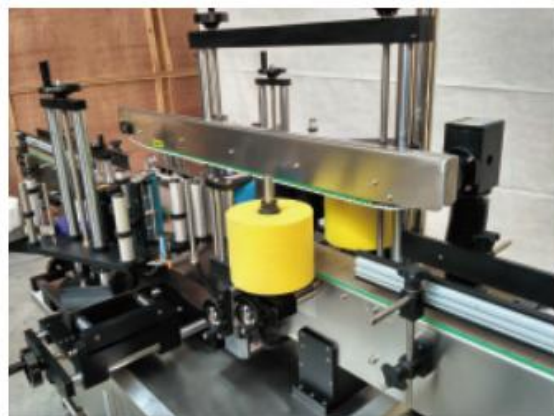
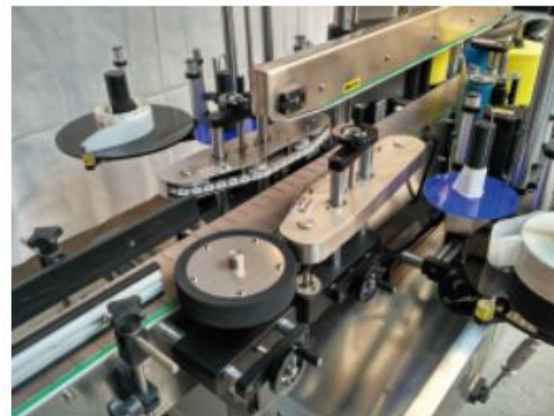
技术参数 / Specifications

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| 型号 /Model                                   | UFTB-220-1                            |
| 贴标速度 /Labeling speed                        | 10-30米/min /10-30 meters/min          |
| 贴标精度 /Labeling accuracy                     | ±1mm                                  |
| 标签最大宽度 / Max label width                    | 120mm（还可根据需要增加宽度 / can be customized） |
| 被贴物尺寸 / Applicable product size             | Not applicable                        |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                 |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ300mm / Maxφ300mm                  |
| 使用气源 / Air source                           | 4-6kgf/cm², 30L/min                   |
| 整机尺寸 / Dimension                            | 2000×800×1650mm                       |
| 适用电压 / Voltage                              | 220V,50Hz,1000W                       |
| 整机重量 / Weight                               | 200kg                                 |

# 双面贴标机

DOUBLE-SIDED LABELING MACHINE





## 产品介绍

适用于扁瓶单侧面、双侧面高精度贴标，附加圆瓶贴标机构，可用于圆瓶定位贴标，甚至方瓶、异形瓶及方瓶的四面或三面包围式贴标，大大提高设备的使用范围，为经济用户，及追求效率用户彻底解决了一机多用的大问题。

## PRODUCT DESCRIPTION

Suitable for single-sided and double-sided high-precision labeling of flat bottles. Equipped with an additional round bottle labeling unit, it can also perform positioning labeling on round bottles, square bottles and irregular-shaped containers. It supports three-sided or four-sided wrapping labeling for square bottles, greatly expanding the application range and realizing multi-function with one machine.

# 产品特点

## 标头应用

- 1、多维调整：标头可实现8维空间调整，倾角调整，准确定位调节。
- 2、标头横向平移：标头工作中可通过横向平移标头实现贴标位置的微调。
- 3、各调节机构全部实现快速调节。
- 4、采用压辊设计，充分提高标签的张紧力，特别利于超薄标签出标。
- 5、各结构部件全部经数控加工，各部件高精度配合，保证设备的精度等级。
- 6、标签离合器，使张力更稳定，运行更加平稳，三点式标头上下调节装置，使调整更顺畅，标板更稳定。
- 7、专用刮板支架，方便调整。

## 压带机构应用

- 1、主马达齿轮传动，加大传动力矩，减小传动的间隙，影响贴标精度。
- 2、分离式压带垫条，利于散热，还可根据不同工位的要求采用不同的压力设置。
- 3、压带大跨度支撑，双螺杆调整，螺杆之间采用同步带传动，实现同步调整。
- 4、增加皮带缓冲滑条，减小压带的磨损，提高其机械使用性能。
- 5、大范围高度调整，可调节区域0~400mm, 便于产品种类更换。

## 整形机构应用

- 1、采用机械传动，主输送线、压带、整形带通过齿轮传动，由一台大功率马达带动，完全同步运行，并可实现无段式调速。
- 2、采用加大的螺旋伞齿轮传动，提高运行的安全性能。
- 3、二维空间调整，增大设备适用范围。
- 4、采用高分子材料的链条，利于整形的准确性。

## 输送线应用

- 1、采用高精度输送板带，实现输送线与压带的绝对同步。
- 2、加宽板带设计，大功率马达驱动，扩充了设备的使用范围。提高输送线的运行惯性，获得更高贴标精度。

# FEATURES

## Label head application

- 1、 Multi-dimensional adjustment: Label head can achieve 8-D spatial accurate positioning adjustment
- 2、 Labeling head lateral translation: Micro-adjustment of labeling position can be realized by lateral translation of the label head
- 3、 All the regulating mechanisms can realize fast regulation
- 4、 The design of pressure roller is used to improve the tension of the label, especially for ultra thin label.
- 5、 All structural parts are machined by numerical control, High precision matching of components to ensure accuracy grade of equipment.
- 6、 Label clutch makes machine running more smoothly. Three-point label head up and down adjustment device make the adjustment more easily.
- 7、 The special scraper support is easy to adjust.

## Belt compression mechanism application

- 1、 Main motor gear drive, increase transmission torque and reduce transmission clearance can affect labeling accuracy.
- 2、 Separate pressure belt pad conducive to heat dissipation. And it can choose different pressure device according to the requirements of different working stations.
- 3、 Large span support with compression belt, double screw adjustment, synchronous belt drive between screws to realize synchronous adjustment
- 4、 Increase belt buffer slider can improve its mechanical performance.
- 5、 Wide range height adjustment to facilitate product category replacement, adjustable area 0 ~ 400 mm

## Plastic mechanism application

1. Adopt Mechanical transmission, main transmission line, belt compression and plastic belt are used to drive by gear, driven by a powerful motor can realize speed regulation without segment.
2. The use of increased spiral bevel gear drive to improve the safety performance of the operation
3. Two-dimensional space adjustment to increase the scope of machine application
4. Using the chain of polymer material is beneficial to the accuracy of plastic shaping.

## Conveyor application

- 1、 High precision conveyor strip is used to realize the absolute synchronization between the conveyor line and the compression strip.
- 2、 The wide strip design and powerful motor drive expand the range of application of the equipment, improve the operational inertia of the transmission line and obtain higher labeling accuracy.

定位机构应用

自动瓶型矫正定位系统，是被应用在直线式贴标机上的二次定位机构，也是该双面贴标机的最大亮点，完全解决了异形瓶子的贴标问题。在贴异形瓶时，可以先根据被贴瓶子的截面特征做出不同的调整，达到所有瓶子在上下固定调整到一个位置，再与输送线相同的线速度将被贴瓶子送出，经过定位的被贴物的位置被准确地定位在压带与输送线之间。

Positioning mechanism application

The automatic bottle type correction positioning system is the secondary positioning mechanism applied on the straight line labeling machine, which completely solves the problem of the special shape bottle labeling. When special shaped bottles labeling, please make adjustments according to the cross-section characteristics of the attached bottle, so that all the bottles are fixed up and down to one position, and then the bottles will be sent out at the same line speed as the conveying line. The position of the positioned object is accurately positioned between the belt and the delivery line.

圆瓶贴标机构应用

- 1、圆瓶贴标机构可以实现瓶子的定位，实现高速精准贴标。
- 2、可快速调整与更换，方便扁瓶与圆瓶之间的切换，缩短切换时间，提高生产效率。

Round bottle labeling mechanism application

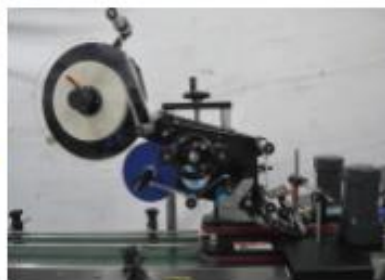
- 1、Round bottle labeling mechanism can achieve bottle positioning to realize high-speed accurate labeling.
- 2、It can be adjusted and replaced quickly, convenient to change different bottles, shortens changing time and improves production efficiency.

技术参数 / Specifications

|                                             |                           |
|---------------------------------------------|---------------------------|
| 型号 /Model                                   | UFTB-1540                 |
| 贴标速度 /Labeling speed                        | 10-40米/分 10-40/min        |
| 贴标精度 /Labeling accuracy                     | ±1mm                      |
| 标签最大宽度 / Max label width                    | 200mm                     |
| 被贴物尺寸 / Applicable product size             | 高度≤400mm厚度≤100mm（可根据尺寸定制） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76.2mm                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ350mm / Maxφ350mm      |
| 使用气源 / Air source                           | 6 kgf/cm²                 |
| 整机尺寸 / Dimension                            | 3050×1450×1800mm          |
| 适用电压 / Voltage                              | 220V,50Hz,3000W           |
| 整机重量 / Weight                               | 500kg                     |

# 全自动不干胶三面贴标机

## THREE SIDES LABELING MACHINE



## 产品介绍

全自动不干胶三面贴标机为非标定制款，可实现一机多用功能。该设备适用产品范围广，一台机型可实现多种产品的侧面、上平面、单侧面以及侧面三面贴标，可在操作界面设置参数单独使用单个或多个标头工作，该设备可代替多种贴标机贴标。

## PRODUCT DESCRIPTION

This automatic self-adhesive three-sided labeling machine is a custom non-standard equipment with multi-functional performance. It is widely applicable and can complete side labeling, top labeling, single-side labeling and three-side wrapping labeling for various products. Users can set parameters on the operation interface to activate single or multiple labeling heads independently, replacing multiple single-function labeling machines.

产品特点

- 1. 贴标头可选择采用世界知名工厂高精度伺服马达控制出标，实现真正闭环控制，高精度细分。
- 2. 皮带式输送线，适合于各种平面产品以及侧面贴标。可选配产品夹带机构或贴标模具，实现更精度的贴标。
- 3. 控制系统采用三菱PLC，配名厂触摸显示屏，中英文双语操作界面。
- 4. 输送线速度、压带速度、出标速度均可无极调速。
- 5. 双段是离合器设计，使标签张紧力更加稳定，便于提高贴标精度。

FEATURES

- 1. The labeling head can choose famous brand high precision servo motor, to realize the real closed loop control and the high precision subdivision.
- 2.The belt conveyor suitable for all kinds of flat products and one side labeling.Optional product clamp mechanism or labeling mold to achieve higher labeling accuracy.
- 3.The control system uses Mitsubishi PLC, famous brand touch screen and Chinese-English bilingual operation interface.
- 4.The speed of conveyor, press belt and labeling can be stepless speed regulation.
- 5.Double-stage clutch design makes label tension more stable and easy to improve labeling accuracy.

技术参数 / Specifications

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| 型号 /Model                                   | UFTB-320                                |
| 贴标速度 /Labeling speed                        | 10-40米/min /10-40 meters/min            |
| 贴标精度 /Labeling accuracy                     | ±1mm                                    |
| 标签最大宽度 / Max label width                    | 120mm（还可根据需要增加宽度 / can be customized）   |
| 被贴物尺寸 / Applicable product size             | 30-80mm（还可根据需要增加宽度 / can be customized） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ330mm / Maxφ330mm                    |
| 使用气源 / Air source                           | 4-6kgf/cm²， 30L/min                     |
| 整机尺寸 / Dimension                            | 3000×800×1500mm                         |
| 适用电压 / Voltage                              | 220V,50Hz,2000W                         |
| 整机重量 / Weight                               | 300kg                                   |

# 星盘定位不干胶贴标机

## HIGH SPEED ROUND BOTTLE LABELING MACHINE



## 产品介绍

星盘定位不干胶贴标机是一台实用型贴标设备,适用于圆型瓶、圆锥瓶的精确贴标。可以实现定点、定位贴标。真正的人机界面系统,在线帮助信息,真正的人际互动操作简单易学,工人稍加培训即可操作。

## PRODUCT DESCRIPTION

High speed positioning adhesive labeling machine is a practical labeling equipment, suitable for round bottles, conical bottles with high accuracy. It can achieve to fixed-position labeling. Advanced man-machine interface system and online help information, the operation of real man-machine interaction is easy to learn, workers can operate it easily.

产品特点

- 1.适用于医药、日化、化妆品等行业的圆形物体的圆周高速贴标。
- 2.该机型的最大特点是采用转盘式滚轮搓标，高精度，高速度。
- 3.该机采用高速滚轮搓标装置，高速度贴标以往贴标采用皮带式搓标，由于皮带在运动过程中出现跑偏现象，影响贴标。所以采用这种贴标方式彻底消除了皮带上下窜动引起的贴标误差。
- 4.贴标头可选择采用世界知名工厂高精度伺服马达控制出标，实现真正闭环控制，高精度细分，最大出标速度可达50m/m。
- 5.机器结构简单、紧凑。便于操作及维护。通用型的分瓶装置，任何直径的瓶型都不用更换配件，快速调节。

FEATURES

- 1.It is suitable for high speed circular objects in medicine, daily chemicals industry, cosmetics and other industries.
- 2.The biggest feature of this machine is the rotating disc type of roller rubbing device, high accuracy and high speed.
- 3.The machine adopts the high speed roller rubbing device, and used belt rubbing Labels device in the past.Deflection often occurred during the belt operation ,which affected the accuracy of label.But the roller rubbing labels device completely eliminate the inaccurate phenomenon.
- 4.The labeling head can choose famous brand servo motor, realize the real closed loop control and high precision subdivision, the maximum labeling speed can be up to 50 m / m.
- 5.The structure of the machine is simple and compact.Easy to operate and maintain.Change different diameter of bottles no need to replace any spare parts,because the separation kit is versatile.

技术参数 / Specifications

|                                             |                                           |
|---------------------------------------------|-------------------------------------------|
| 型号 /Model                                   | UFTB-300                                  |
| 贴标速度 /Labeling speed                        | 80-110瓶/min /80-110bottles/min            |
| 贴标精度 /Labeling accuracy                     | ±1mm                                      |
| 标签最大宽度 / Max label width                    | 120mm（ 还可根据需要增加宽度 / can be customized ）   |
| 被贴物尺寸 / Applicable product size             | 30-80mm（ 还可根据需要增加宽度 / can be customized ） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76mm                                     |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ330mm / Maxφ330mm                      |
| 使用气源 / Air source                           | 4-6kgf/cm²,30L/min                        |
| 整机尺寸 / Dimension                            | 2000×800×1600mm                           |
| 适用电压 / Voltage                              | 220V,50Hz,2000W                           |
| 整机重量 / Weight                               | 250kg                                     |

# 自动高速软管贴标机

AUTOMATIC HIGH SPEED HOSE LABELING MACHINE



全自动软管贴标机是采用不干胶卷筒贴标纸，贴标采用滚贴方式，可配制自动送瓶和收瓶装置，一次完成放瓶、贴标及收瓶程序，还可配备印字机同步完成标签打印。本机采用电脑光纤控制，同步追踪，出标由互感步进电机控制，确保出标速度与卷瓶速度同步的自动化包装机械。是现代的机电一体化产品，具有优良和可靠的工作性能。

调整简单，配置前后、左右和上下方向、平面倾角、垂直面倾角调整座，不同瓶形切换无死角，调整简单快捷；自动分管，采用分管机构，有效消除管子本身误差引起的分管不顺畅，提高稳定性；

触摸屏控制，人机交互界面具备操作教导功能，参数修改直观明了，各种功能切换简单；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；

坚固卫生，主要采用不锈钢和高级铝合金制作，质量牢固，符合GMP生产要求；具有自动停机功能，生产计数功能，省电功能（设定时间内无生产时，设备自动转到省电待机状态），生产数设定提示功能，参数设置保护功能（参数设置分权限管理），方便生产管理。

Automatic tube labeling machine adopts self-adhesive drum labeling paper and rolling labeling. It can be equipped with automatic bottle feeding and bottle receiving devices to complete the procedure of bottle placing, labeling and bottle receiving at one time. It can also be equipped with printer to complete label printing synchronously.

This machine adopts computer optical fiber control, synchronous tracking, labeling is controlled by mutual inductive stepping motor, to ensure that labeling speed and bottle speed synchronization of automatic packaging machinery. It is a modern mechatronics product with excellent and reliable performance. Easy to adjust, equipped with front and back, left and right, up and down direction, plane Angle, vertical Angle adjustment seat, different bottle shape switch without dead Angle, simple and fast adjustment;

Automatic tube subdivision, tube subdivision mechanism, effectively eliminate the tube itself error caused by the division is not smooth, improve stability;

Touch screen control, human-computer interaction interface with operation teaching function, parameter modification intuitive, simple function switch; Intelligent control, automatic photoelectric tracking, with no label, no label automatic correction and automatic label detection functions, to avoid waste of labels and missed labeling;

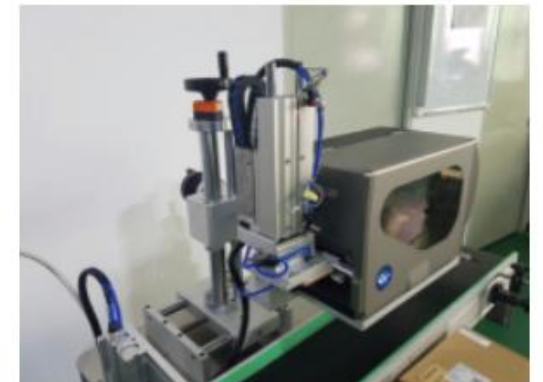
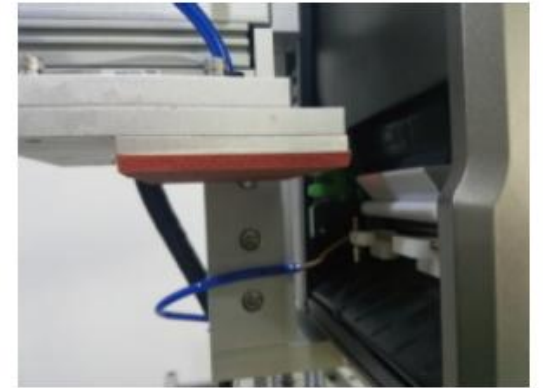
Strong and healthy, mainly made of stainless steel and high-grade aluminum alloy, solid quality, in line with GMP production requirements; With automatic stop function, production counting function, power saving function (no production within the set time, the equipment will automatically switch to power saving standby state, production number setting prompt function, parameter setting protection function (parameter setting authority management, convenient production management.

技术参数 / Specifications

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| 型号 /Model                        | UFTB-500                                      |
| 电源电压 /Supply voltage             | AC 220 V / 50 Hz; 110 V / 60 Hz               |
| 适用产品范围 /Applicable product range | 外径（Outer Diameter）12-100mm 高度（height）30-200mm |
| 适用标签范围 / Applicable label range  | 高（high）25-140mm 长(length) 20-300mm            |
| 产 量 / Yield                      | 30-60（瓶/分钟） 30-60（bottles/min）                |
| 尺 寸 /Dimension                   | 2000×1100×1450mm                              |
| 整机功率 / Overall power             | 1200W                                         |
| 整机重量 / Weight                    | 200kg                                         |

# 即时打印贴标机

AUTOMATIC LABELING MACHINE WITH PRINTING FUNCTION





### 适用范围

广泛应用于以下各个行业：医药电子监管码二、三级包装标签；食品、饮料生产批次和销售跟踪标签；烟草生产批次和销售跟踪标签；化妆品、日化。

### APPLICATION RANGE

Widely used in multiple industries: secondary and tertiary packaging labels with electronic supervision codes for pharmaceuticals; production batch and tracking labels for food, beverage and tobacco; labels for cosmetics and daily chemical products.

### 技术参数 / Specifications

|                                             |                           |
|---------------------------------------------|---------------------------|
| 型号 /Model                                   | UFTB-220-1                |
| 贴标速度 /Labeling speed                        | 10-40/分 10-40/min         |
| 贴标精度 /Labeling accuracy                     | ±1mm                      |
| 标签最大宽度 / Max label width                    | 200mm                     |
| 被贴物尺寸 / Applicable product size             | 高度≤400mm厚度≤100mm（可根据尺寸定制） |
| 适用纸卷内径 / Applicable inner diameter of paper | φ76.2mm                   |
| 适用纸卷外径 / Applicable outer diameter of paper | 最大φ350mm / Maxφ350mm      |
| 使用气源 / Air source                           | 6kgf/cm <sup>2</sup> ,    |
| 整机尺寸 / Dimension                            | 3050×1450×1800MM          |
| 适用电压 / Voltage                              | 220V,50Hz,3500W           |
| 整机重量 / Weight                               | 500kg                     |

## 产品特点

打印贴标机系列采用下压吹气式贴标,贴标头可装旋转装置,调整贴标角度,一台机能完成多种产品的贴标,适用于产品包装或运输包装的变动内容标识,如盒、箱、袋、桶或卷上变动内容标签的即打即贴,适用于各种类型生产线、产品包装线或物流分拣线等打印贴标机系列由我司自主研发的PC整套控制,能自动检测贴标物到位并触发打印指令,可自动获取称重设备等检测仪器信息,或集成WMS、ERP等上位管理系统获取数据并打印到标签中。

打印贴标机系列每分钟最快能自动打印并吹贴30张变动内容标签,支持7x24小时高速、连续、高精度的印加贴,集出色的稳定性和卓越的在线运行性能于一体。可选装RFID标签打印模块以实现EPC CLASS 1 GEN 2 标签生成与自动贴标。

## 技术优势

- 1、即打即贴,彻底杜绝打印、赋码、数据关联和贴标差错
- 2、吹气贴标方式,与被贴标物体表面非接触,不会影响包装质量
- 3、贴标板可旋转至任意角度-顶部、底部、侧面或倾斜
- 4、适应平面、圆柱面等各种贴标表面
- 5、原装高精度在线式打印引擎,确保打印质量和条码可识读
- 6、标签和碳带长度最大900m,减少停线切换次数

## FEATURES

The series of this machine adopts the Air-blow Labeling, the label head can install the rotating device to adjust the labeling angle. One machine can be used for labeling of a variety of products. It is suitable for the products that content is changeable, such as boxes, boxes, bags, buckets or rolls with the label of the changing content, can be applied for suitable for all types of production lines, product packaging lines or logistics sorting lines, etc.

Adopt our self-developed PLC control system technology, can automatically detect the label in place and trigger the order of printing, and also can automatically obtain the information from weighing equipment and other testing equipment, or integrated WMS, ERP and other management systems to obtain data to print it on the label.

The speed can reach to 30 pieces stickers per minute and can work 7\*24 non-stop. RFID label printing module is optional, it can realize EPC CLASS 1 GEN 2 sticker generation and automatic labeling.

## TECHNICAL ADVANTAGE

1. Printing and labeling at the same time, Completely eliminate printing, coding, data association and labeling errors
2. The way of labeling is not contact with the surface of the labeled object, so it will not affect the quality of the packaging.
3. Labeling plate can be rotated to any angle-top, bottom, side or tilt
4. Suitable for any flat surface labeling
5. Original high precision on-line printing engine to ensure print quality and bar code readable
6. Maximum length of label and carbon tape is 900m, can reduce the number of stoppage switches

## 选择优势

- 1、统一管理标签类型和打印数据；
- 2、统一管理贴标工艺参数和作业记录；
- 3、条码标签即打即贴；
- 4、标签自动选型、自动定位、实时贴标；
- 5、适应小批量多品种的生产模式，快速切换贴标工艺，减少人为干预；
- 6、确保贴标精确性和可重复性，提升产品质量与一致性；
- 7、提高贴标效率，降低生产成本；
- 8、节约空间，便于扩大产能；
- 9、改善工作条件，减少人员流动，降低人力成本。

## SELECTION ADVANTAGE

- 1、 Unified management of label types and print data;
- 2、 Unified management of labeling process parameters and work records;
- 3、 Labeling and printing can work at the same time
- 4、 Automatic label selection, automatic positioning and real - time labeling;
- 5、 Suitable for the mode of multi-product and small-batch production;
- 6、 Ensure labeling accuracy and repeatability, Improving product quality and consistency;
- 7、 Improve labeling efficiency and reduce production cost;
- 8、 Saving space and expanding production capacity;
- 9、 Improve working conditions, reduce mobility and reduce labour costs

## 选配项目

特殊支架，以适应不同流水线和输送线要求联机条码质量检测器，以确保每个条码的可识别性双向贴标、转角贴标、摆臂贴标等其他贴标方式RFID标签打印模块

## OPTIONAL ITEMS

Special support to accommodate different pipeline and conveyor line requirements for on-line bar code quality detectors to ensure that each bar code of the recognizable two-way label, corner sticker. swing arm label and other methods.

# 桌上型贴标机

TABLE-TOP LABELING MACHINE



简要说明

桌上型圆瓶贴标机是采用不干胶卷筒贴标纸，贴标采用滚贴方式，本机采用电脑光纤控制，同步追踪，出标由互感步进电机控制，确保出标速度与卷瓶速度同步的自动化包装机械。是现代的机电一体化产品，具有优良和可靠的工作性能。

- 1.适用于医药、日化、食品、化妆品等行业的圆形物体圆周 贴标。
- 2.触摸屏控制，人机交互界面具备操作教导功能，参数修改直观明了，各种功能切换简单；
- 3.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；
- 4.坚固卫生，主要采用不锈钢和高级铝合金制作，质量牢固，符合GMP生产要求；
- 5.具有自动停机功能，生产计数功能，省电功能（设定时 间内无生产时，设备自动转到省电待机状态），生产数 设定提示功能，参数设置保护功能（参数设置分权限管理），方便生产管理。

技术参数 / Specifications

INTRODUCTION

The table type round bottle labeling machine adopts self-adhesive film cylinder to label paper, the labeling adopts roll-paste method, this machine adopts computer optical fiber control, synchronous tracking, the label is controlled by mutual inductance stepper motor, automatic packaging machine to ensure the synchronization of the bid speed and bottle speed. Is a modern mechatronics engineering product with excellent and reliable performance. 1, apply to medicine, daily chemical, food, cosmetics and other industries of circular object circumference, labeling. 2. Touch screen control, man-machine interactive interface with the operation of teaching functions, parameters modified, intuitive and clear, simple switching functions; 3. Intelligent control, automatic photoelectric tracking, with no-label detection & auto-correction, no label automatic, calibration and label automatic detection functions to avoid waste labels and missed paste; 4. Strong and sanitary, mainly using stainless steel and high-grade aluminum alloy production, solid quality, in line with GMP production requirements; 5. With automatic shutdown function, production counting function, power-saving function (set time, no production, equipment automatically switch to power-saving standby state), production number, set prompt function, parameter setting protection function (parameter setting sub-authority management) to facilitate production management.

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| 型号 /Model                        | UFTB-140                                         |
| 贴标速度 /Labeling speed             | 20-50 瓶/分 /20-50 bottles/min                     |
| 贴标精度 /Labeling accuracy          | ±1mm                                             |
| 适用标签范围 / Applicable label scope  | 高15-130mm长20～300mm（还可根据需要定做 / can be customized） |
| 适用产品范围 / Applicable product size | 外径12-100mm高度30-200mm                             |
| 电源电压 / Supply voltage            | AC 220 V / 50 Hz; 110 V / 60 Hz                  |
| 整机功率 / Whole unit power          | 1500W                                            |
| 整机尺寸 / Whole machine size        | 1300×400×400mm                                   |
| 整机重量 / Weight                    | 100kg                                            |

# 自动套标机

AUTOMATIC SLEEVE LABELING MACHINE



UFTB-150B特点

- 1，全罩式不锈钢主机；
- 2，可调式刀盘：独创回旋切断，双面刀刃，寿命长久；
- 3，单定位式中心导柱：标签导送更加稳定；
- 4，同步分瓶器：瓶子输送更加稳定；
- 5，标签刷下组：套标精度更加准确；
- 6，标签控制电眼架：独创尾翼与电眼结合，提高膜料切断精度；按键式控制箱：操作更人性化；
- 7，供料式料架：可自由选择料架位置。电器配置说明：采用了PLC可编程控制器、进口伺服电机、伺服驱动器、变频器以及传感器，另外采用了定位模块使之套标精确、快速、稳定。适用套标品种类型  
各种瓶型，如：圆瓶、方瓶、扁瓶、曲线瓶、杯型等等。

技术参数 / Specifications

|                                             |                             |                             |
|---------------------------------------------|-----------------------------|-----------------------------|
| 型号 /Model                                   | UFTB-150B                   | UFTB-250B                   |
| 输入功率 /Input power                           | 1.5KW                       | 3.0KW                       |
| 输入电压 /Voltage                               | 380/220VAC                  | 380/220VAC                  |
| 生产效率 / Capacity                             | 150瓶/分 ( 150 bottle/min )   | 250瓶/分 ( 250 bottle/min )   |
| 主机尺寸 / Dimension                            | 2100×850×2000mm             | 2100×850×2000mm             |
| 适用瓶身直径 /Applicable bottle body diameter     | φ28mm-φ125mm                | φ28mm-φ125mm                |
| 适用标签长度 /Applicable label length             | 30mm-250mm                  | 30mm-250mm                  |
| 适用标签厚度 /Air Applicable label thickness      | 0.03mm-0.13mm               | 0.03mm-0.13mm               |
| 适用纸管内径 /DiApplicable diameter of paper tube | 5"-10"自由调整 5"-10"adjustable | 5"-10"自由调整 5"-10"adjustable |
| 整机重量 /Weight                                | 300kg                       | 500kg                       |

UFTB-150B Features

- 1,Full cover stainless steel mainframe;
  - 2,Adjustable cutter head: unique rotation cut off, double-sided cutting edge, long service life;
  - 3,Single positioning center guide: label guide more stable;
  - 4,Synchronous bottle splitter:Conveying bottle more stable;
  - 5,Label brush group:Sleeve label is more accurate.
  - 6,Label control electric eye holder:Combination of original trailing wing and electric eye to improve cutting accuracy of membrane.
  - 7,Feeding rack:Free choice of feeding rack position
- Electrical equipment configuration  
PLC programmable controller, imported servo motor, servo driver, frequency converter and sensor are used, and the positioning module is used to make it accurate, fast and stable.
- Applicable bottle type  
Various bottle types, such as: round bottle, square bottle, flat bottle, curve bottle, cup type and so on.

Thank You  
For Your Attention

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