

## LYLP系列自动理瓶机

Lylp series automatic unscramble



### 整机描述

本是制药行业生产中用于设备连接不可缺少的辅机,在生产中起到对瓶的整理、存储的作用,全自动箱式理瓶机能把杂乱的料瓶自动排列成瓶口一致向上,并送入下一工序的输送带上,取代以往的手工理瓶操作,使生产效率大大提高。主机采用电子无极调速,使理瓶过程无冲击倒瓶现象。本机具有光电控制装置,下工序瓶满,则理瓶机停止工作,下工序缺瓶,理瓶机则自动运行,理瓶盘采用食品级塑料板,使产品完全符合GMP规范要求。本机能与其他机器配套组成自动包装生产联动线,广泛用于医药、食品、化工等行业。本机是集机、电、气一体化的设备,有计数、工作参数设定、显示等功能,开关自动控制;在即将出瓶口处,有反瓶吹气装置,把瓶口不是转上的瓶子吹出,重新回到理瓶盘内。

### Complete machine description

This is an indispensable auxiliary machine for equipment connection in the production of pharmaceutical industry, which plays a role in the sorting and storage of bottles in the production. The full-automatic box type bottle management function automatically arranges the disordered bottles into the bottle mouth uniformly upward, and sends them to the conveyor belt of the next process, replacing the previous manual bottle management operation, so as to greatly improve the production efficiency. The main engine adopts electronic stepless speed regulation, so that there is no impact bottle pouring phenomenon in the process of bottle handling. The machine is equipped with photoelectric control device. If the bottle is full in the next process, the machine will stop working. If the bottle is missing in the next process, the machine will run automatically. The machine plate is made of food grade plastic plate, so that the product can fully meet the requirements of GMP. This machine and other machines form the automatic packaging production linkage line, which is widely used in medicine, food, chemical industry and other industries. This machine is an integrated equipment of collecting machine, electricity and air, with functions of counting, working parameter setting, display, etc., and automatic control of switch; at the bottle outlet, there is a reverse bottle blowing device to blow out the bottle whose mouth is not turned up, and then return to the bottle management plate.



### 性能特点

1. 采用触摸屏、PLC、变频器控制,运行稳定可靠操作更简单方便,并可显示机器运行状态和故障显示,故障自我诊断和故障分析及排除方法,使整个生产过程达到自动化控制。
2. 工作区配备加厚透明有机玻璃罩,方便观察理瓶运行情况又能有效地保护外界灰尘对瓶子的污染。
3. 均采用进口或国内知名品牌电气原件,机器运行更稳定可靠使用寿命长。
4. 主机变频调速,可根据产量要求及瓶子大小进行相应的生产速度调整。
5. 可根据客户提供的包材进行设计做到多种瓶用通用,并配有倒瓶、反瓶自动剔除功能。

### Performance characteristics

1. Using touch screen, PLC, frequency converter control, stable and reliable operation is more simple and convenient, and can display the machine running state and fault display, fault self diagnosis and fault analysis and troubleshooting methods, so that the whole production process can achieve automatic control.
2. the working area is equipped with thickened transparent plexiglass cover, which is convenient to observe the operation of bottle management and can effectively protect the pollution of external dust on the bottle.
3. all adopt imported or domestic famous brand electrical components, and the machine runs more stable and reliable with long service life.
4. The frequency conversion speed regulation of the main engine can be adjusted according to the production requirements and bottle size.
5. it can be designed according to the packaging materials provided by the customer to make a variety of bottles universal, and is equipped with the functions of bottle pouring and automatic bottle rejection.



### 设备参数technical parameters

| 项目<br>Items   | 参数<br>parameters    | parameters  |
|---|---------------------|---|
| 稳定产量(瓶/分)<br>Stable output (pcs / min)                          | 50-150 (瓶子大小不同产量不同) | 50-150 (different bottle size and different output) |
| 瓶子规格(ml)<br>Bottle specification (ML)                           | 20-1000             | 20-1000   |
| 电压(V)/频率(Hz)<br>Voltage (V) / frequency (Hz)                    | AC220/50-60         | AC220/50-60   |
| 总功率(KW)<br>Total power (kw)                                     | 1.5                 | 1.5   |
| 气压(Mpa)<br>Air pressure (Mpa)                                   | 0.3-0.6             | 0.3-0.6   |
| 外型尺寸(mm)(长×宽×高)<br>Out dimension (mm) (length × width × height) | 约2200×1500×1600     | About 2200 × 1500 × 1600                            |
| 净重量(kg)<br>Net weight (kg)                                      | 500                 | 500   |