

# LYGZX-1系列30-500ml液体自动灌装生产线

## LYGZX-1 series 30-500ml liquid automatic filling production line



### 整机描述

本联动生产线由LYGP型供瓶机(或LYLP型自动理瓶机)、LYGXP型滚筒式超声波洗瓶机、LYGZX型系列液体灌装旋盖机(轧盖机)、LYFBI电磁感应封口机、LYLTJ型立式不干胶贴标机等设备组成的全自动联动生产线,通过更换规格件可适应于30-500ml的塑料瓶或玻璃瓶的洗、灌装封口旋盖(或加塞轧盖)、自动贴标等工艺,适合于制药厂、生化保健品厂、日化厂、食品厂等相关单位的大输液、口服液、疫苗、油乳剂、酒剂等大容量液体生产,产品符合行业标准符合GMP相关规范要求。

### Complete machine description

This line is composed of lygp type bottle feeder (or lylp type automatic bottle unscramble machine), lygxp type roller type ultrasonic bottle washer, lygzx series liquid filling and capping machine (capping machine), lyfbi electromagnetic induction sealing machine, lyltj type vertical adhesive labeling machine and other equipment. It can be used for 30-500ml plastic or glass bottle washing and filling by changing parts. It is suitable for the production of large volume liquid such as infusion, oral liquid, vaccine, oil emulsion and liquor in pharmaceutical factory, biochemical health product factory, daily chemical factory, food factory and other relevant units. The products meet the industry standard and GMP related specifications.

### 性能特点

1. 整线结构合理紧凑、运转平稳、适应性广,规格调整操作简单、维护方便。
2. 整线能够前后自动联动生产,前后任意端机器发生故障时自动报警并停机。
3. 整线设备能够做到无瓶不冲水、不冲气、不灌装、不加盖、不加塞、无铝箔剔除、无瓶不走标等功能。
4. 可根据用户需求配备安全防护防尘罩。
5. 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

### Performance characteristics

1. The whole line has reasonable and compact structure, stable operation, wide adaptability, simple specification adjustment and operation, and convenient maintenance.
2. the whole line can be automatically linked with front and rear production, and automatically alarm and stop the machine in case of any fault of front and rear machines.
3. the whole line of equipment can achieve the functions of no bottle, no water flushing, no gas flushing, no filling, no capping, no plug, no aluminum foil removal, no bottle, no label, etc.
4. safety protection dust cover can be provided according to the user's requirements.
5. It adopts touch screen, PLC and frequency converter to control, which makes stable and reliable operation more simple and convenient, and can display the operation status and fault display of the machine, self diagnosis and fault analysis and troubleshooting methods, so as to achieve automatic control of the whole production process.

### 设备参数technical parameters

项目 Items	参数 parameters	parameters
稳定产量(瓶/分) Stable output (pcs/min)	40-60瓶和60-120瓶两种	40-60 pcs/min and 60-120 pcs/min
瓶子规格(ml) Bottle specification (ML)	30-500	30-500ml
电压(V)/频率(Hz) Voltage (V) / frequency (Hz)	380V, 50HZ	380V, 50HZ
总功率(W) Total power (W)	9.0	9.0
水压(Mpa)及耗量 Water pressure (MPA) and consumption	0.25 0.6-1吨/时	0.25 0.6-1Ton / hour
气压(Mpa)及耗量 Air pressure (MPA) and consumption	0.3-0.4MPa 30-50m3/h	0.3-0.4MPa 30-50m3/h
加塞或上盖合格率 Qualified rate of plug or upper cover	≥99%	More than 99%
装量误差 Loading error	±0.5-2%	+ 0.5-2%
净重量(kg) Net weight (kg)	2300	2300
外形尺寸 Out size(mm)	约9000×1100×1650	About 9000 × 1100 × 1650