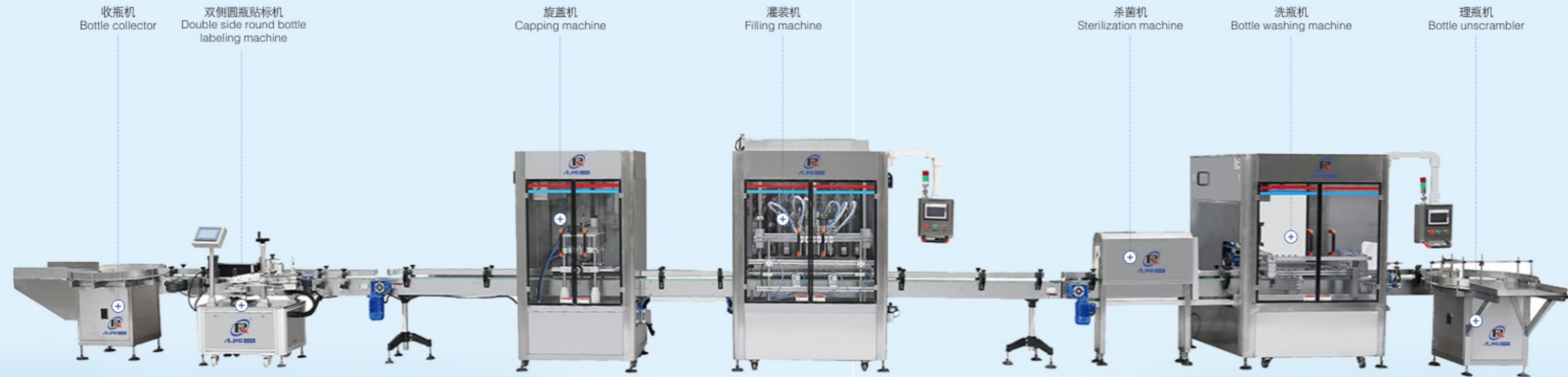




## 全自动理瓶洗瓶杀菌灌装旋盖贴标生产线

### Automatic bottle unpacking, washing, sterilizing, filling, capping and labeling production line



#### 设备简介

本机为定量式自动液体灌装机，可使用在液体、稀粘浓体的灌装作业，适用于各类圆瓶、扁瓶及其他异型瓶，本机在设计上采用直线运动方式，利用PLC逻辑控制器及各种检测感应装置及气缸的收放，达到自动控制的目的，有瓶灌装、无瓶不灌装，灌装无泡沫、无滴漏，更有最先进的触摸式操作屏幕一触即达，且完全符合GMP标准。

#### Brief Introduction of Equipment

This machine is a quantitative automatic liquid filling machine, which can be used for filling liquids, thin, viscous and thick bodies. It is suitable for all kinds of round bottles, flat bottles and other special-shaped bottles. The design of this machine adopts linear motion. The PLC logic controller and various detection and induction devices and the retracting and unfolding of the cylinder achieve the purpose of automatic control, with bottle filling, no bottle filling, filling without foam and dripping, and the most advanced touch screen operation screen. It is at the touch of a button and fully complies with GMP standards.

#### 整条生产线主要配置

- ◆程序控制器：德国西门子
- ◆触摸屏：德国西门子7寸彩色
- ◆气动元件：台湾AIRTAC/日本SMC
- ◆旋盖电机：伺服电机
- ◆光电传感器：德国LEUZE或德国SICK、日本松下
- ◆继电器及空气开关：法国施耐德、申乐、德力西
- ◆抽料泵：客户自选
- ◆电机变频器：德国西门子
- ◆输送速电机：750W国产变频电机
- ◆理瓶方式：送瓶机
- ◆灌装设备类型：直线式
- ◆灌装定量原理：活塞式
- ◆输送带材料：82.6mm宽POM链片带，速度0-15/分钟，离地高度750mm±25mm
- ◆灌装头数：8个
- ◆灌装范围：500ml-1000ml
- ◆灌装速度：200-2500瓶/小时
- ◆灌装机密封圈材料：聚四氟乙烯，氟胶
- ◆机器外罩：304#不锈钢、料槽，灌装嘴及接触液体部位采用316#不锈钢、食品级PP
- ◆外露零件：304#不锈钢，阳极氧化处理铝合金，经电镀处理45#钢，塑料件
- ◆功率：约4.2KW/220V、气压：0.6-0.8MPa
- ◆可兼容一定范围不同形状和规格的瓶子具体要把瓶子放在机器上测试通过为准

#### Main configuration

- ◆Program Controller: Siemens, Germany
- ◆Touch screen: German Siemens 7-inch color
- ◆Pneumatic components: Taiwan AIRTAC/Japan SMC
- ◆Capping motor: Servo motor
- ◆Photoelectric sensor: Germany LEUZE or Germany SICK, Japan Panasonic
- ◆The beginning of relay and air: French spinner, Shenle, Delixi
- ◆Suction pump: customer's choice
- ◆Motor inverter: Siemens, Germany
- ◆Conveying speed motor: 750W domestic frequency conversion motor
- ◆Bottle unscramble method: bottle feeder
- ◆Filling equipment type: linear
- ◆Filling quantitative principle: piston type

- ◆Conveyor belt material: 82.6mm wide POM chain belt, speed 0-15/min, height above ground 750mm ± 25mm
- ◆Number of filling heads: 8
- ◆Filling range: 500ml-1000ml
- ◆Filling speed: 200-2500 bottles/hour
- ◆Filling machine sealing ring material: PTFE, fluorine rubber
- ◆Machine cover: 304# stainless steel, material tank, filling nozzle and liquid contact parts are made of 316# stainless steel, food grade PP
- ◆Exposed parts: 304# stainless steel, anodized aluminum alloy, electroplated 45# steel, plastic parts
- ◆Power: about 4.2KW/220V, air pressure: 0.6-0.8MPa
- ◆It can be compatible with a certain range of bottles of different shapes and specifications. The specific bottle must be placed on the machine to pass the test.