



# 2023

**Make Life Easier  
and Lead People  
Healthier**





大格机械

# COMPANY PROFILES /企业概述

温州大格机械科技有限公司座于中国温州工业强镇-万全镇轻工生产基地机械工业区，公司通过ISO9001:2015国际质量管理体系认证，产品通过欧盟CE认证，公司10多年来一直致力于为流体包装领域提供全方位技术解决方案，集科技研发，生产制造，市场营销，售后服务为一体。公司产品广泛应用于制药，食品，日化等行业。凭借可靠的质量，稳定的性能，良好的售后服务，公司产品已出口50多个国家和地区，获得客户的一致好评。公司愿景:让生活更简便，让人类更健康。公司使命:成为中国杰出，世界一流的流体包装技术供应商。大格机械本着“大道至简，格物致新”的企业精神，不断创新，砥砺前行。竭诚欢迎国内外新老客户前来考察，指导，交流，合作。

Wenzhou Grand Machinery Technology Co., Ltd. is located in the mechanical industrial area of the light industry production base in Wanchuan Town, a strong industrial town in Wenzhou, China. Grand has passed the ISO9001: 2015 international quality management system certification. For more than 10 years, Grand has been committed to providing comprehensive technical solutions for the field of fluid packaging. Grand's products have passed the CE certification, and are widely used in pharmaceuticals, food, daily chemicals and other industries. Grand's products have been exported to more than 50 countries and regions. Thanks to reliable quality, stable performance, and thoughtful after-sales service, Grand received unanimous praise from customers. Following the corporate spirit of "Greatness in simplicity, explore leads innovation", Grand Machinery continues to innovate and forge ahead for goals of becoming an outstanding China and world-class fluid packaging technology supplier. Grand's vision: make life easier and lead people healthier. Grand warmly welcomes various customers from home and abroad to visit, guide, exchange and cooperate.



**温州大格机械科技有限公司**  
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# CBZRJ-SERIES

EMULSIFYING SERIES

## 乳化搅拌系列

### 特点 / Peculiarity

- 接触部分的材料为SUS316L不锈钢，设备内外都经过镜面抛光，达到GMP标准
- 所有管道和参数都实现自动控制。电器设备采用进口的外国品牌，如西门子、施耐德等。
- 乳化罐配备CIP清洗系统，使清洗变得简单而有效。
- This equipment is suitable for emulsifying cream, ointment, toothpaste, lotion, shampoo, cosmetic product and so on.
- All pipelines and parameter are controlled automaticlly. And the electric appliance which are imported from foreign country like Siemens ,Schneider and so on.
- Emulsifying tank is with CIP cleaning system it make the cleaning to be easy and effective.



### 主要技术参数 / Main Technical Parameters

| 型号 Model   | 容积 Volume | 乳化电机功率 Emulsify motor |               | 乳化电机功率 Emulsify motor |         | 长 Length | 宽 Width | 高 height | 全高 Max height |
|------------|-----------|-----------------------|---------------|-----------------------|---------|----------|---------|----------|---------------|
| CBZRJ-10   | 10L       | 1.1KW                 | 0-3500rpm/min | 0.37Kw                | 0-60r/m | 1200     | 600     | 1300     | 1700          |
| CBZRJ-20   | 20L       | 1.5KW                 | 0-3500rpm/min | 0.75Kw                | 0-60r/m | 1500     | 800     | 1500     | 2050          |
| CBZRJ-50   | 50L       | 3KW                   | 0-3500rpm/min | 0.75Kw                | 0-60r/m | 2750     | 2100    | 1900     | 2600          |
| CBZRJ-100  | 100L      | 3KW                   | 0-3500rpm/min | 1.5Kw                 | 0-60r/m | 2800     | 2150    | 2100     | 2800          |
| CBZRJ-200  | 200L      | 4KW                   | 0-3500rpm/min | 1.5Kw                 | 0-60r/m | 2850     | 2200    | 2200     | 3100          |
| CBZRJ-300  | 300L      | 5KW                   | 0-3500rpm/min | 2.2Kw                 | 0-60r/m | 3000     | 2600    | 2500     | 3550          |
| CBZRJ-500  | 500L      | 7.5KW                 | 0-3500rpm/min | 2.2Kw                 | 0-60r/m | 3800     | 2800    | 2700     | 3950          |
| CBZRJ-750  | 750L      | 11KW                  | 0-3500rpm/min | 3.7Kw                 | 0-60r/m | 3900     | 3900    | 2900     | 4400          |
| CBZRJ-1000 | 1000L     | 11KW                  | 0-3500rpm/min | 3.7Kw                 | 0-60r/m | 3900     | 3400    | 3150     | 4550          |
| CBZRJ-2000 | 2000L     | 12KW                  | 0-3500rpm/min | 7.5Kw                 | 0-60r/m | 4850     | 4300    | 3600     | /             |



# NF-005

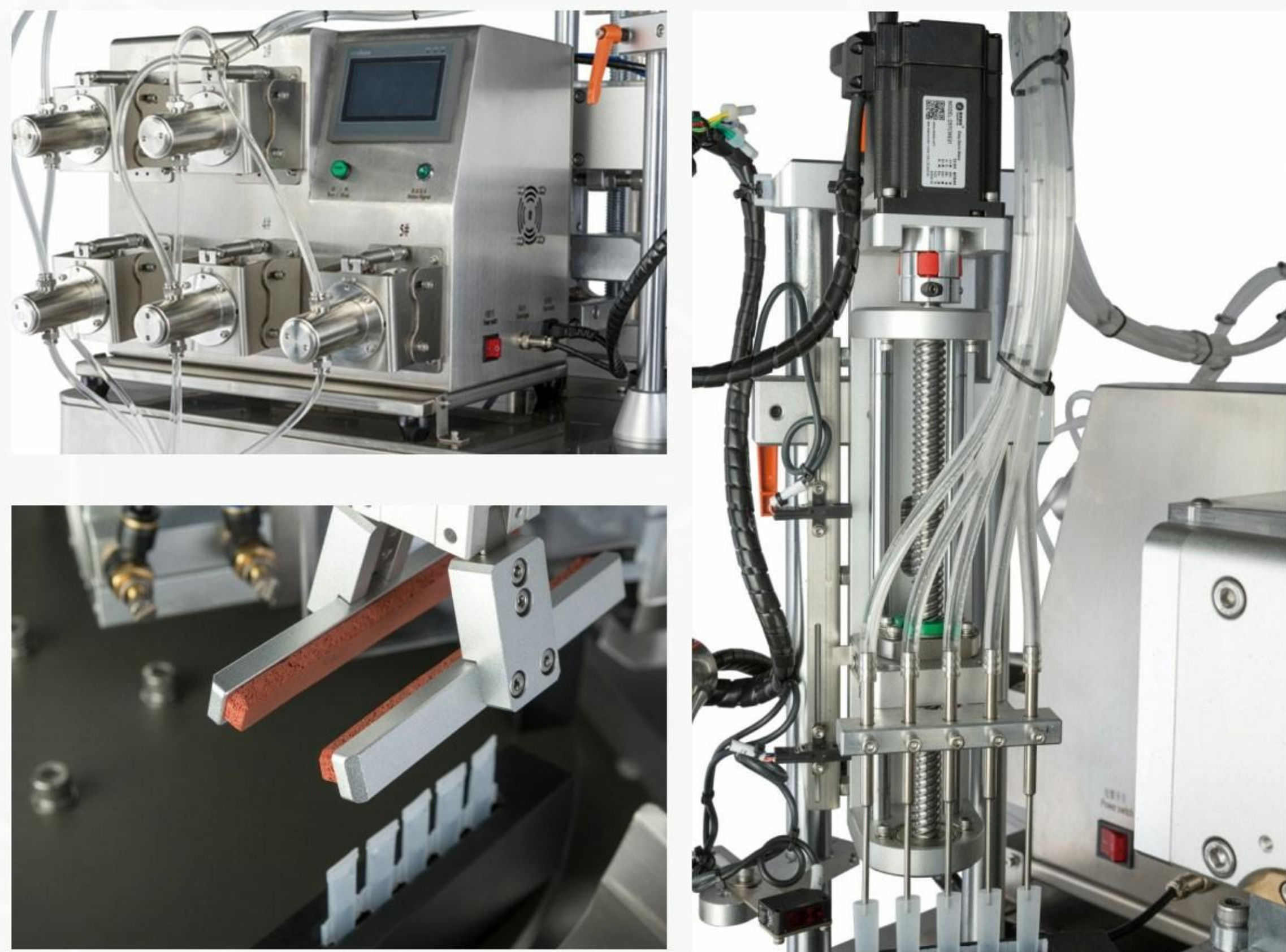
Semi-Automatic Monodose Strlp Tube Filling And Sealing Machine

## 半自动连排管灌装封尾机

### 特点 / Pecularity



- 六工位分割器精准定位
- 五头精密陶瓷泵：灌装范围：每转0.2-3ML
- 步进马达升降控制：可根据产品尺寸设置高度参数
- Filling and Sealing of Various Plastic Hoses or Aluminum-plastic Tubes in Food, Medicine Cosmetics, Chemical And Other Industries
- Filling and sealing of various plastic hoses or aluminum-plastic tubes
- Mechanical overload automatic stop



### 主要技术参数 / Main Technical Parameters

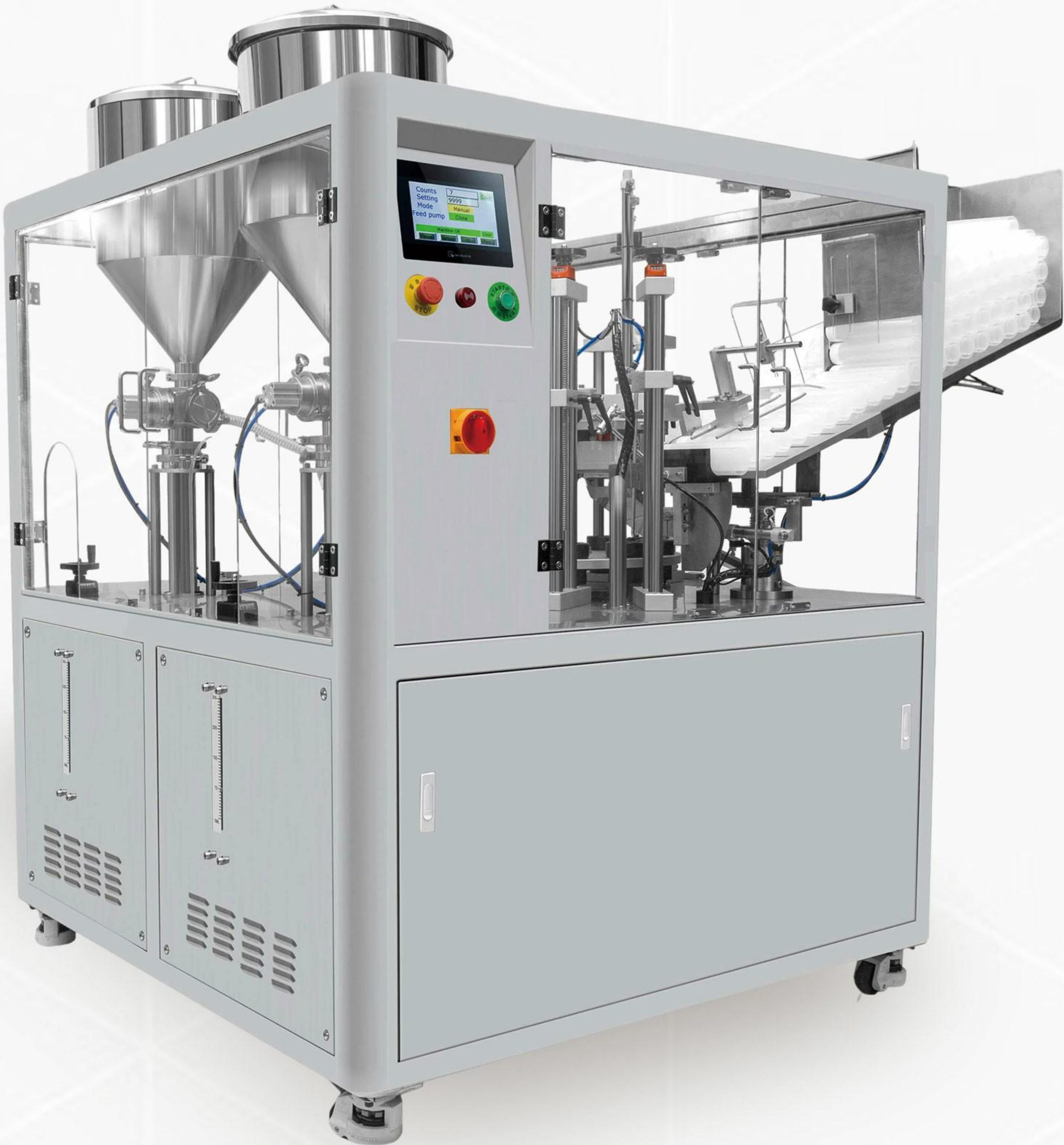
|                        |                     |
|------------------------|---------------------|
| 频率 Frequency           | 20KHz               |
| 功率 Power               | 2.6KW               |
| 电压 Power Supply        | AC220V 1PH 50/60hz  |
| 灌装范围 Filling Volume    | 0.2-3ml/rev         |
| 灌装误差 Filling Accuracy  | ±0.05g              |
| 产能 Productivity        | 13-15 排 row/min     |
| 封口直径 Radius of Sealing | 50-135mm            |
| 封口高度 Height of Sealing | 50-150mm            |
| 工作气压 Air Pressure      | 0.6MPa              |
| 机器尺寸 Dimension         | L1300*W1300*H1950mm |
| 机器重量 Wight             | 350Kgs              |



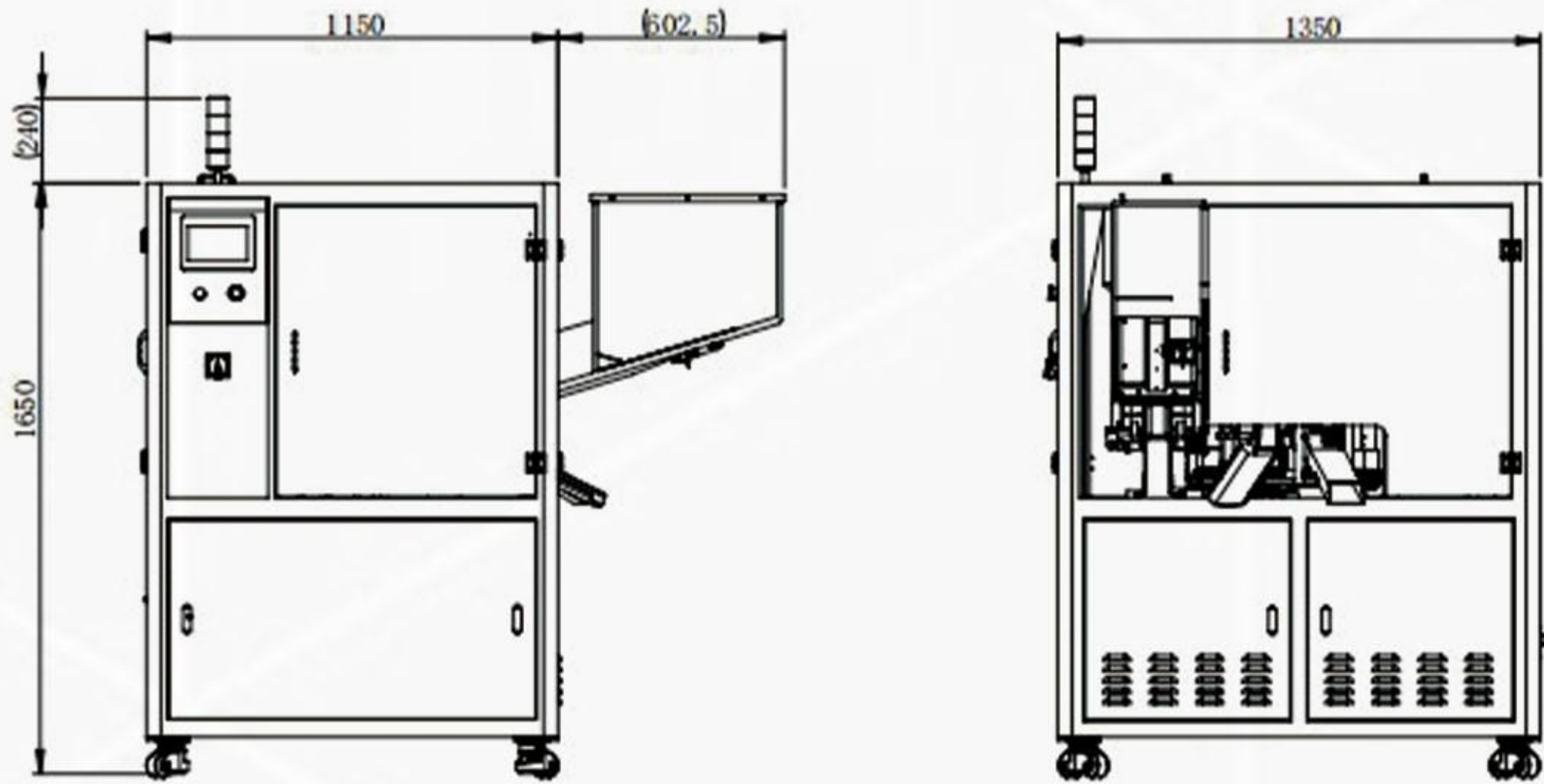
# NF-009S

Fully Automatic Ultrasonic Tube Filling Sealing Machine

全自动超声波子母管灌装封尾机



平面图/Plan view



特点 / Peculiarity

- 配备安全装置和过载保护
- 十工位分配器的精确定位
- 采用PLC触摸屏控制，配置故障报警系统
- Equipped with safety devices and overload protection
- Precise positioning of the ten-station divider
- Adopt PLC touch screen control, configure fault alarm system

主要技术参数 / Main Technical Parameters

|                        |                       |
|------------------------|-----------------------|
| 频率 Frequency           | 20KHz                 |
| 功率 Power               | 2600W                 |
| 电压 Power Supply        | AC220V 1PH 50/60hz    |
| 灌装范围 Filling Volume    | A:10-120ml/B:25-250ml |
| 灌装误差 Filling Accuracy  | ±1%                   |
| 产能 Productivity        | 10-13 支 /min          |
| 封口直径 Radius of Sealing | 25-50mm               |
| 封口高度 Height of Sealing | 50-250mm              |
| 工作气压 Air Pressure      | 0.6MPa                |
| 机器尺寸 Dimension         | L1830*W1400*H1780     |
| 机器重量 Wight             | 530Kgs                |



# NF-60A/Z

Fully Automatic Tube Filling & Sealing Machine

## 全自动软管灌装封尾机

### 样品 /Sample



### 特点 / Peculiarity

- 9工位设计，配置不同尾封机构 可实现塑管或金属管的自动灌装封尾
- 自动识别系统（无管子，不灌装）
- 机械联动光标对版系统，精度容差小于0.2MM
- 采用PLC触摸屏控制，配置故障报警系统
- 配备安全装置和超载保护
- 9-station design with different tail sealing mechanisms can achieve automatic filling and sealing of plastic or metal tubes.
- Automatic identification system(no tube, no filling)
- Photoelectric sensor alignment system. accuracy tolerance less than 0.2mm.
- Adopt PLC touch screen control, with machine error warning system
- Equipped with safety devices and overload protection

### 重要信息参数 / Important Information Parameter

|                 |                                                                                        |
|-----------------|----------------------------------------------------------------------------------------|
| 喂管系统：斜挂式自动整列喂管仓 | Tube feeding system:obliquely hanging type automatic lining-up tube feeding storehouse |
| 选配：夹层料桶保温装置     | Optional jacket and barrel heat preservation device                                    |
| 选配：料桶内部搅拌装置     | Optional:blending device inside the barrel                                             |

### 主要技术参数 / Main Technical Parameters

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| 运转速度 Operation speed          | 60/min(max)                                             |
| 灌装容量 Filling volume           | 5-180ml( 铝管 Aluminum Tube)/5-250ml( 塑料管 Plastic Tube )  |
| 灌装精度 Filling precision        | ≤±1%                                                    |
| 适合软管长度 Suitable Tube Length   | 50-180mm( 铝管 Aluminum Tube)/50-250mm( 塑料管 Plastic Tube) |
| 适合软管直径 Suitable tube diameter | φ13-35mm( 铝管 Aluminum Tube)/φ13-50mm( 塑料管 Plastic Tube) |
| 全机尺寸 Whole Machine            | 1800X850X1980mm                                         |
| 重量 Weight                     | 850kg                                                   |





# NF-80A/Z

Fully Automatic Tube Filling & Sealing Machine

## 全自动软管灌装封尾机



### 样品 / Sample



### 特点 / Pecularity

- 12工位设计，配置不同尾封机构 可实现塑管或铝管的自动灌装封尾
- 自动识别系统（无管子，不灌装）
- 机械联动光标对版系统，精度容差小于0.2MM
- 采用PLC触摸屏控制，配置故障报警系统
- 配备安全装置和超载保护
- 12-station design with different tail sealing mechanisms can achieve automatic filling and sealing of plastic or metal tubes.
- Automatic identification system(no tube, no filling)
- Photoelectric sensor alignment system. accuracy tolerance less than 0.2mm.
- Adopt PLC touch screen control, with machine error warning system
- Equipped with safety devices and overload protection

### 重要信息参数 / Important Information Parameter

|       |                        |
|-------|------------------------|
| 多色灌装  | Multi-color filling    |
| 特种管灌装 | Special tube filing    |
| 异型封尾  | Special-shaped sealing |

### 主要技术参数 / Main Technical Parameters

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| 运转速度 Operation speed         | 80/min(max)                                              |
| 灌装容量 Filling volume          | 5-180ml( 铝管 Aluminum Tube)/5-250ml( 塑料管 Plastic Tube )   |
| 灌装精度 Filling precision       | ≤±1%                                                     |
| 适合软管长度 Suitable Tube Length  | 50-180ml( 铝管 Aluminum Tube)/50-210mm( 塑料管 Plastic Tube ) |
| 适合软管直径 Sutable tube diameter | φ13-35mm( 铝管 Aluminum Tube)/φ13-50mm( 塑料管 Plastic Tube ) |
| 全机尺寸 Whole Machine           | 2200X1200X2080mm                                         |
| 重量 Weight                    | 1200kg                                                   |



# NF-120A/Z

Automatic Tube Filling Machine

## 自动灌装机

### 样品/Sample



### 特点 / Pecularity

- NF-120全自动双工位灌装机是一种对筒状金属软管或复合软管灌装膏状物料并进行封尾的全新机型。本机采用先进的技术优质的工艺结合先进的电控系统，保证稳定可靠的运行。
- 该设备广泛应用于制药产品、牙膏、药膏、化妆品、食品和化工产品的包装。
- NF-120 Automatic Double-Station Filling Machine is a new model designed for filling and sealing cylindrical aluminum tubes and composite tubes. The machine adopts advanced technology and advanced electronic control system, ensure the machine run stably and reliably.
- This device is widely used in the packaging of pharmaceutical products, toothpaste, medicinal ointments, cosmetics, food items, and chemical products.



### 重要信息参数 / Important Information Parameter

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| 生产能力取决于软管尺寸、材料材质及灌装物料。                | Production capacity depends on hose size, material and filling material. |
| 空气压力 6 巴                              | Air pressure 6 bar                                                       |
| 热空气装置加热器功率 :6kw 水量 :6 升 / 分用气量 20m3/h | Hot air unit heater power :6kw Water: 6l/gas consumption 20m3/h          |

### 主要技术参数 / Main Technical Parameters

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| 适用软管材料 Tube material      | 金属软管 / 全塑、复合软管 Aluminm/Plastic、Composite tube         |
| 软管管座数量 Tube seat quantity | 40 只 /Site                                            |
| 软管直径 Tube diameter        | 铝管 (Aluminum Tube)Φ13-Φ32/ 塑料管 (Plastic Tube )Φ13-Φ50 |
| 封尾方式 Sealing systems      | 机械折叠 / 热空气 Machine tuck/Hot air                       |
| 灌装量 Dosing range          | 5-250ml                                               |
| 生产能力 Output               | 80-120 支 / 分 tube/min                                 |
| 电机功率 Mator power          | 2.2KW                                                 |
| 调速形式 Control speed mode   | 变频调速 Frequency modulation                             |
| 外形尺寸 Dimensions           | 2950x1310x2300mm                                      |
| 机器重量 Wight                | 3000kg                                                |