

## 全自动双头四称绒棉一体机

## Automatic Down & Cotton Integrated Filling Machine (2-head 4-scale)



### 适用范围

- 羽绒服、棉服。
- 60-95羽绒、3D柔性纤维棉、羽绒棉。

### Application

- Down jacket, fiberjacket.
- 60-95 down, 3D flexible fiber, micro fiber.

### 机器特点

- 羽绒填充采用真空填充方式，不损伤羽绒，能保持羽绒原有的柔软性和弹性及手感。
- 定量准确，可选择并设定误差范围，有效地兼顾充绒重量和充绒效率间的矛盾关系，有效保证了产品质量和控制原材料的非正常损耗。
- 操作简单方便，节省人工成本，可单独一面操作也可双面操作。
- 自动化程序高，整机采用PLC自动控制菜单操作。
- 可根据客户的产品特性提供有针对性的解决方案，以彻底满足客户的需求。

### Features

- Adopts vacuum filling mode, which does not damage down, and can keep down original softness, elasticity and hand feel.
- High precision filling, can choose and set tolerance, give effective consideration on the contradiction between fillin weight and efficiency, ensure product quality and reduce raw material wastage.
- Easy operation and save labor cost, it is available to use single station or double filling stations according to production requirement.
- Fully programmable, controlled by PLC.
- We can provide customized solutions to meet various production requirement.

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### 使用环境要求

- 温度：根据GBT14272-2011要求，充绒量测试温度在 $20\pm 2^{\circ}\text{C}$ 。
- 湿度：根据GBT14272-2011要求，充绒量测试湿度在 $65\pm 4\%\text{RH}$ 。

### 气压要求

- 供气量：0.9m³/min 以上。
- 气压：不低于0.6MPa。
- 若集中供气，要求管道距离20m以内，管道直径不小于1寸，若距离长，则相应加粗管道，否则供气量不够，会造成出绒不稳定。
- 若独立供气，则推荐配置7.5kW以上高压泵（1.0MPa）。

### Environment Requirement

- Temperature: Per GBT14272-2011 requirement, filling test temperature is  $20\pm 2^{\circ}\text{C}$ .
- Humidity: Per GBT14272-2011, the humidity of filling test is  $65\pm 4\%\text{RH}$ .

### Compressed Air Requirement

- Air volume  $\geq 0.9\text{m}^3/\text{min}$ .
- Air pressure  $\geq 0.6\text{MPa}$ .
- If the air supply is centralized, the pipe should be within 20m, the diameter of the pipe should not be less than 1 inch. If the air source is far away, the pipe should be bigger accordingly. Otherwise, the air supply is not enough, which will cause filling instability.
- If the air supply is independent, it is recommended to have 7.5kW or more high-pressure air pump (1.0MPa).

### 机器参数 Parameters

|                                                                                |                   |                                                                                         |                    |
|--------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------|--------------------|
| 型号:<br>Model:                                                                  | GOA-FF-RM-224     | 充绒/棉口:<br>Model:                                                                        | 2                  |
| 主机尺寸:<br>Main Body Size:                                                       | 1700×900×2230mm   | 主机包装尺寸:<br>Main Body Size:                                                              | 1870×1170×2450mm   |
| 称重箱尺寸:<br>Weighing Box Size:                                                   | 1200×1000×650mm×2 | 称重箱包装尺寸:<br>Weighing Box Size:                                                          | 1470×1470×1500mm×2 |
| 占地尺寸:<br>Machine Size:                                                         | 1870×4910×2450mm  | 填充速度（羽绒10g/格）: 95羽绒, 0.6秒/格<br>Filling speed( Down 10g/unit ): 95 Down, 0.6 Second/unit |                    |
| 占地面积:<br>Area Covered:                                                         | 9m²               | 填充范围:<br>Filling Range:                                                                 | 0.1-100g           |
| 储料量:<br>Storage Capacity:                                                      | 12-25kg           | 循环数: 2次<br>Cycle Number: 2 times                                                        |                    |
| 精度等级: 95羽绒/ 棉 $\pm 0.05\text{g}$<br>Accuracy: 95 Down/Fiber $\pm 0.05\text{g}$ |                   | USB数据导入功能: 有<br>USB Data Import Function: Yes                                           |                    |
| 大克重分摊功能: 有<br>Large Weighing Volume Divided Proportion Function: Yes           |                   | 退补系统: 可选配<br>Down Returning System: Optional                                            |                    |
| 电压: 单相 220V/三相 380V<br>Voltage: 1P 220V/3P 380V                                |                   | 功率:<br>Power:                                                                           | 2.2kW              |
| 净重:<br>Net Weight:                                                             | 609kg             | 毛重:<br>Gross Weight:                                                                    | 859kg              |

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