



Automatic Double-head Eight-scale Down & Fiber Integrated Filling Machine

GOA-FF-RM-228

Features

1. Adopts vacuum filling mode, which does not damage down, and can keep down original softness, elasticity and hand feeling.
2. 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 loss.
3. Easy operation and save labor cost, it is available tu use single station or double filling stations according to production requirement.
4. Fully programmable, controlled by PLC.
5. We can provide customized solutions to meet various production requirement.

Application

1. Down jacket, fiber jacket, outdoor sleeping bags, medical protective articles.
2. Polyester fiber, down, ball fiber, 1-3D hollow fiber.

全自动双头八称绒棉一体机

GOA-FF-RM-228

机器特性

- 1、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；
- 2、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；
- 3、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；
- 4、自动化程序高，整机采用PLC自动控制菜单操作；
- 5、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。

适用范围

- 1、羽绒服、棉服、户外睡袋、医用防护用品；
- 2、PP棉、羽绒、珍珠棉、1-3D纤维棉。



Environment Requirement

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

使用环境要求

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

Compressed Air Requirement

1. Air volume $\geq 0.9 \text{ m}^3 / \text{min}$.
2. Air pressure $\geq 0.6 \text{ Mpa}$.
3. 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.
4. If the air supply is independent, it is recommended to have 7.5kW or more high-pressure air pump (1.0Mpa).

气压要求

- 1、供气量：0.9m³/min以上；
- 2、气压：不低于0.6Mpa；
- 3、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；
- 4、若独立供气，则推荐配置7.5kW以上高压泵（1.0Mpa）。

Parameters 机器参数

Model 型号	GOA-FF-RM-228	QTY of filing 充绒/棉口	2
Main Body Size 主机尺寸	1675×910×2210mm	Main Body Size 主机包装尺寸	1870×1170×2450mm
Weighing Box Size 称重箱尺寸	1200×580×985mm×2	Weighing Box Size 称重箱包装尺寸	1470×1470×1500mm
Table Size 工作台尺寸	950×600×930mm×2	Filling speed (Down 10g/unit) 填充速度 (羽绒10g/格)	95 Down, 0.6 Second/unit 95羽绒, 0.6秒/格
Machine Size 占地尺寸	4800×1680×2200mm	Filling Range 填充范围	0.2-22g
Area Covered 占地面积	8.1 m ²	Cycle Number 循环数	4 times 4次
Storage Capacity 储料量	12-25kg	USB Data Import Function USB数据导入功能	Yes 有
Accuracy 精度等级	95 Down/Fiber $\pm 0.05 \text{ g}$ 95羽绒/棉 $\pm 0.05 \text{ g}$	Down Returning System 退补系统	Yes 有
Large Weighing Volume Divided Proportion Function 大克重分摊功能	Yes 有	Power 功率	3.75kW
Voltage 电压	1P 220V/3P 380V 单相 220V/三相 380V		
Net Weight 净重 Gross Weight 毛重	609kg 859kg		



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