

高精度填充机 GOA-FF-RMZX-124

High-Precision Filling Machine



适用范围

适用产品：床垫、抱枕、枕头、坐/靠垫、户外用品。

适用材质：3D-15D高纤维棉及毛片（长度51MM以下柔软）、柔性乳胶颗粒、高弹性海绵下脚料、以及所涉及的混合物。

机器特点

- 超大储料箱，一次性最多可以存储50KG物料（视材料不同有所区别），从而节约上料时间。
- 采用超大型料斗，单次称重范围50-1200克左右，满足了家纺行业大克重填充需求；
- 采用PLC可编程控制器、高精度称重模块，从而达到产能更精准、高效；
- 填充管口模块化配置：Ø89mm、Ø110mm，根据产品需求进行更换；
- 一人可同时操作两个填充口，减少人工，提高效率；
- 该机可与开包机、开棉机、混料机等设备连线使用，实现自动化生产。

Application

Suitable For: Mattresses, Cushions, Pillows, Seat/Back Cushions, Outdoor Products.

Suitable Materials: 3D-15D high-fiber cotton and cut cotton (soft with fiber length below 51mm), flexible latex particles, high-elasticity sponge scraps, and related mixtures.

Features

- Extra-large material hopper, capable of storing up to 50KG of material at once (varies by material type), saving refill time.
- Super-sized weighing hopper with a single weighing range of approximately 50-1200g, meeting the heavy fill demand in home textile industry.
- Uses PLC programmable controller and high-precision weighing module for more accurate and efficient production.
- Modular filling tube ports: Ø89mm and Ø110mm, interchangeable according to product needs.
- One operator can simultaneously run two filling ports, reduce labor and increase efficiency.
- Compatible with bale opening machines, cotton openers, and mixing/blending machines for automated production lines.

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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±2℃。
- 湿度：根据GBT14272-2011要求，充绒量测试湿度在65±4%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11kW以上高压泵（1.0Mpa）。

主要参数 Parameters

储料容量： Hopper Capacity:	20-50KG	充绒口： Number of Filling Ports:	2	称重循环数： Weighing Cycles:	2
称重范围： Weighing Range:	50-1200g	误差范围： Error Margin:	±10g	填充速度： Filling Speed:	150g/sec
USB数据导入功能： USB Data Import:	有 Yes	大克重分摊功能： Heavy Weight Distribution Function:	有 Yes	电压： Voltage:	三相380V, 50HZ 3-phase 380V, 50HZ
气压： Air Pressure:	0.6-0.8MPA	功率： Power:	11.5KW	净/毛重： Net/Gross Weight:	1160/1450KG
机器占地尺寸(L×W×H): Machine Footprint: 5000×3000×3000mm 主机尺寸(L×W×H): Main Unit Dimensions: 2400×900×3000mm (1 件) 2400×900×3000mm (1 unit) 称重箱尺寸(L×W×H): Weighing Box Dimensions: 2200×950×1400 mm (1 件) 2200×950×1400 mm (1 unit) 填充风机(L×W×H): Filling Blowers: 800×600×1100mm (2 件) 800×600×1100mm (2 units) 独立操作台(L×W×H): Independent Operation Table: 600×400×1200mm (2 件) 600×400×1200mm (2 units)			包装尺寸(L×W×H): Packing Dimensions: 主机和独立操作台: Main Unit and Independent Operation Table: 2400×900×2300mm (1 件) 2400×900×2300mm (1 unit) 称重箱: Weighing Box: 2200×1650×1800mm (1 件) 2200×1650×1800mm (1 unit) 填充风机和上料风机: Filling Blowers and Feeding Blowers: 800×600×1100mm (1 件) 800×600×1100mm (1 unit)		

Environment Requirement

- Temperature: Per GBT14272-2011 requirement, filling test temperature is 20±2℃.
- Humidity: Per GBT14272-2011, the humidity of filling test is 65±4%RH.

Compressed Air requirement

- Air volume ≥ 0.9m³/min.
- Air pressure ≥ 0.6Mpa.
- 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 11kW or more high-pressure air pump (1.0Mpa).

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