

ZRLD-300

智能全自动理袋机

Intelligent Fully Automatic Bag Sorting Machine



适用物料：各类小包装。
Applicable Materials: Various types of small packaging.



Working Principle 工作原理

自动理袋机可在生产中单独使用，也可以与装盒机对接，完成无规则的堆积物料从集中到分散再到顺序摆放的整个整理过程。无规则堆积物料倒入储料仓后，料仓输送带动作，将物料送至低速滚轮上。设备通过低、中、高速滚轮的运转，将物料逐一顺序送出理袋机。送出的物料根据包装需要的形式或顺序或堆叠进入装盒机输送当中完成下一工序的装盒过程。

The automatic bag sorting machine can be used alone in production or can be docked with the packaging machine to complete the entire sorting process of irregularly stacked materials from concentration to dispersion and then to sequential placement. After the irregularly stacked materials are poured into the storage bin, the conveyor belt of the bin acts to transport the materials to the low-speed roller. The equipment sends materials out of the bag sorting machine one by one through the operation of low, medium, and high-speed rollers. The materials sent out are transported into the packaging machine in the required form or sequence or stacked to complete the next process of packaging.

Performance Characteristics 性能特点

1. 储料，上料，理袋一体化设计，结构简单，外观紧凑大方；
2. 整体密封，运行安全。
3. 一体式大容量储料仓，加料方便；
4. 料仓底部配置输送带，便于上料，同时避免物料残留。
5. 分料输送辊由多组伺服电机驱动，通过光电传感器反馈信号进行速度调节，控制精准，理袋速度快。
6. 通过伺服控制方式实现全自动排列，多伺服系统实现物料规则有序堆叠，过程稳定可控；
7. 整个过程实现分散、顺序、堆叠，过程无需人工干预；
8. 多种方式组合，可以根据速度需要增减理袋机数量，单机同样可以完成整理过程；
9. 多伺服系统控制，高速精准，操作方便，自动化程度高；
10. 设备机身采用304不锈钢材质，符合GMP要求。

1. The integrated design of material storage, loading, and bag management features a simple structure and a compact and elegant appearance;
2. Overall sealing for safe operation.
3. Integrated large capacity storage bin, convenient for feeding;
4. The bottom of the silo is equipped with a conveyor belt for easy loading while avoiding material residue.
5. The feeding roller is driven by multiple sets of servo motors, and the speed is adjusted through feedback signals from photoelectric sensors, Accurate control and fast bag sorting speed.
6. Fully automatic arrangement is achieved through servo control, and multiple servo systems achieve orderly stacking of materials with stable and controllable processes;
7. The entire process is decentralized, sequential, and stacked, without the need for manual intervention;
8. Multiple combinations of methods can increase or decrease the number of bag sorting machines according to speed needs, and a single machine can also complete the sorting process;
9. Multiple servo system control, high-speed and precise, easy to operate, and high degree of automation;
10. The equipment body is made of 304 stainless steel material, which meets GMP requirements

Product Technical Parameters 产品技术参数

型号	Model	ZRLD-300
最高速度	Max. speed	300袋/分钟 (Bag/min), 以实际物料为准 (Based on actual materials)
袋规格	Bag specifications	(L)长 ≤180mm, (W)宽 ≤100mm
总功率	Total power	5.5kw
电源	Voltage	AC220V 50/60Hz
外形尺寸	Overall dimensions	2250×950×1560mm (L×W×H)
总重量	Total weight	300kg