

SMALL BAG LOADING AND UNPACKING SYSTEM 智能小袋拆包投料系统

物料精准处理系统专家

Expert In Precise
Material Handling Systems



基于人工智能和 MES 数据分析技术的自动化、数字化、精确化、无尘化、高效化的架构管理下的智能化系统，集自动送料、自动抓袋、自动破袋、自动抖袋卸料、自动废袋整理及回收、除尘系统于一体。

The intelligent system under the automated, digital, precise, dust-free and efficient is architecture management based on artificial intelligence and MES data analysis. This technology automates feeding, bag grabbing, bag breaking, bag shaking and unloading, waste bag sorting and recycling, and dust removal systems.

Features

产品特点

安全环保:

密闭式拆包模式, 粉尘集中收集处理

Safe and environmentally friendly:

closed unpacking mode, centralized dust collection and treatment

易于维护:

模块化组合, 机械结构简单, 设计无死角

Easy to maintain:

modular combination, simple mechanical structure, no dead angle design

全自动操作:

占地面积小, 无人化连续化生产

Fully automated operation:

small footprint, unmanned continuous production

拆包效率高:

拆包速度可达 50-120 包 /h

适用范围广:

可处理多种基础物料, 适合各类规格和材质包装袋, 可满足有毒、易燃、强腐蚀、高 粉尘等人员不易接触工况。

High unpacking efficiency:

unpacking speed can reach 50-120 bags/h

Wide range of application:

can handle a variety of basic materials, suitable for packaging bags of various specifications and materials, toxic, flammable, highly corrosive, high dust and other working conditions that are unsafe for human contact.



Specifications

产品规格

项 目 ITEMS	参数/规格 PARAMETERS/SPECIFICATIONS
拆包能力 (包/小时) Unpacking capacity (bag/hour)	50-120
适用小袋重量 (kg) Bag weight	15-25
袋子类型 Bag type	PE 袋, 牛皮袋, 编织袋 PE bag, leather bag, woven bag
切袋模式 Bag Cutting	竖向 5 开, 横向 1 开 5 vertical openings, 1 horizontal opening
外形尺寸 (长 x 宽 x 高 mm) Dimensions (L x W x H mm)	3127x1630x2455
重量 (kg) Weight (kg)	1500 (主机) 1500 (host) 1500 (host capacity)
拆净率 Dismantle efficacy	99.99%
总功率 (kW) Power consumption	4 kW
控制方式 Control	PLC 控制单元 +MES 系统 PLC control unit + MES system
除尘方式 Dust removal	中央集尘 Central dust collection
电源电压 Supply voltage requirements	动力部分: 380 V / 50 Hz, 控制部分: 220 V / 50 Hz Machine 380 V / 50 Hz, Control: 220 V / 50 Hz
压缩空气 Compressed air requirments	0.2 m³/min, 要求干燥无水 0.2 m³/min, dry and water-free
使用环境 Environmental requirements	环境温度: 0-30℃, 相对湿度: 不结露水为基准 Ambient temperature: 0-30℃, relative humidity: no condensation

注: 拆包能力视物料比重与料袋规格不同而有所不同
Note: Unpacking capacity varies depending on the specific gravity of the material and the specifications of the bag.



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