

产品规格 Product Specifications

参数 Parameter	值 Value
容积 Volume	450L
有效容积 Effective Volume	320L
设备尺寸 Equipment Size (LxWxH)	3000x3990x2965mm
装机容量 Installed Capacity	三相五线制 Three-phase Five Line 380VAC/50Hz, 31.1KW
输出转速 Output Speed	0-265rpm
混合均匀度 Mixing Uniformity	CV < 5%
残留率 Residual Rate	< 0.1%
混合时间 Mixing Time	300s
设备重量 Machine Weight	2.5T

注：本设备为定制产品，可配合系统定制调整，混合均匀度采用十万分之一甲基紫色素法  
 Note: This device is a customized product and can be tailored to work with a specific system.  
 The mixing uniformity is measured using a method that involves 1/100,000 of methylene violet dye.

定制服务 Customized Service

不仅是产品，更为您提供定制化解决方案  
 提供专业的物料检测实验服务，设计符合需求的工艺方案  
 模块化设计，可根据需要对设备进行针对性改造、升级与优化

Not only products, but also customized industrial solutions  
 Professional material inspection and experiment services to suit specific process  
 Modular design with potential for future revamp, upgrade and optimization

让物料处理更简单

Making Material Handling Simpler

2024/10



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IBC Rotary Mixer  
 IBC料罐式翻转混合机

- For production needs with multiple batches and a wide range of types  
 针对批次多、类型广泛的生产需求
- Flexible and rapid production  
 实现灵活、快速生产





IBC料罐式翻转混合机 IBC Rotary Mixer

IBC料罐式翻转混合机主要针对配方多、批次多、产品类型广泛的生产需求而研制，以料仓为批次生产，具有灵活性强、效率高、易清洁等特点。

IBC Rotary Mixer is designed to meet the production requirements of multiple formulations, multiple batches, and a wide range of product types. It uses the bin as a batch for production and offers strong flexibility, high efficiency, and easy cleaning as its main features.

产品特点 Product Highlights

- 均匀度高，设备可使产品品质保持出色的混合均匀度，CV值不超过5%
  - 混合高效，单批次混合时间约为300秒，效益性更佳
  - 设计精巧，设备之间独立运行，设备易清洗，料不易残留
  - 具有灵活敏捷的特点，能够提高生产效率
  - 智能控制，各处理步骤均通过计算机控制，无需过多人工干预
- High uniformity, the machine maintains excellent product quality with a CV of less than 5%
  - High mixing efficiency with a single batch mixing time of approximately 300 seconds for better efficiency
  - Compact design, independent operation between machines, easy cleaning of the machine and low residual material
  - Flexibility and agility for increased production efficiency
  - Intelligent control, each processing step is controlled by computer, without excessive manual intervention

行业解决方案 Industry Solutions



工程塑料 Engineering Plastic



预混料 Premixed Material



涂料 Painting



高分子复合材料 Macromolecule Composite



制药 Pharmaceutical



精细化工 Fine Chemicals



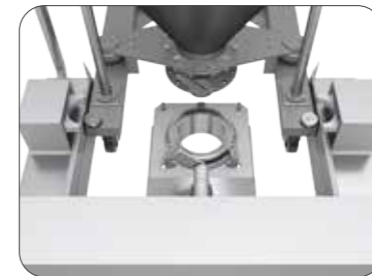
移动料罐下料角为60°，能有效避免下料时的物料残留。整体结构便于移动，轻量化。

The discharge angle of the mobile bin is 60°, which effectively prevents material residue during discharge. The overall structure is designed to be lightweight and easy to move.



带自动回位结构及气缸驱动的开阀装置，占用空间小，开阀能忽略拨销间距所带来的误差。

The valve opening device is equipped with an automatic reset structure and cylinder drive, which occupies minimal space and enables valve opening without any error caused by the distance between the locking pins.



卸料站具有定位精度高（下法兰三次定位）、结构简单、占地空间小、全自动的优点，配合移动料罐，能使残留量降低至忽略不计。

The unloading station has the advantages of high positioning accuracy (with three-positioning of the lower flange), a simple structure, small floor space, and full automation. When combined with a mobile bin, it can reduce residue to a negligible amount.

混合机带除尘和吹扫口，能有效降低混合后筒体内物料的残留率，且能一定程度上清理筒体，减少清洁时间。

The mixing machine is equipped with dust removal and blowout ports, which can effectively reduce the residual rate of materials inside the cylinder after mixing. Additionally, it can clean the cylinder to a certain extent, reducing the cleaning time required.



混合机提升组件由丝杠升降机和提升爪构成，用万向接头连接，避免提升过程中卡死，限位板固定行动轨迹，上法兰自动对位，相比于直上直下有了缓和功能。

The lifting component of the mixing machine consists of a screw lift and a lifting claw, which are connected by a universal joint to avoid jamming during lifting. The limit plate fixes the movement track, and the upper flange is automatically aligned. Compared to straight up-and-down lifting, this mechanism provides a cushioning function.

