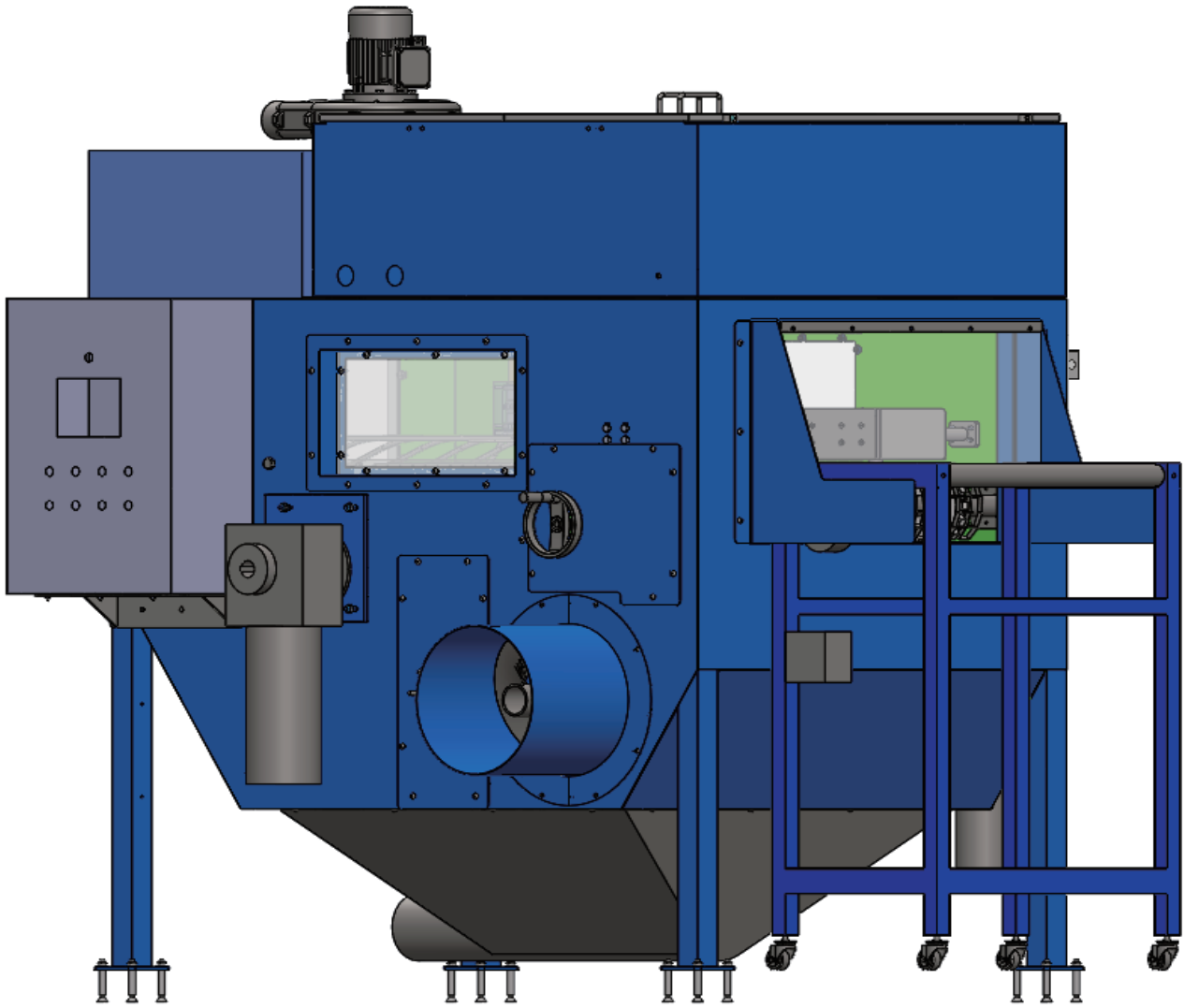




新值机械

innovation create value



逐袋式自动拆包机

Automatic Bag Opening Machine

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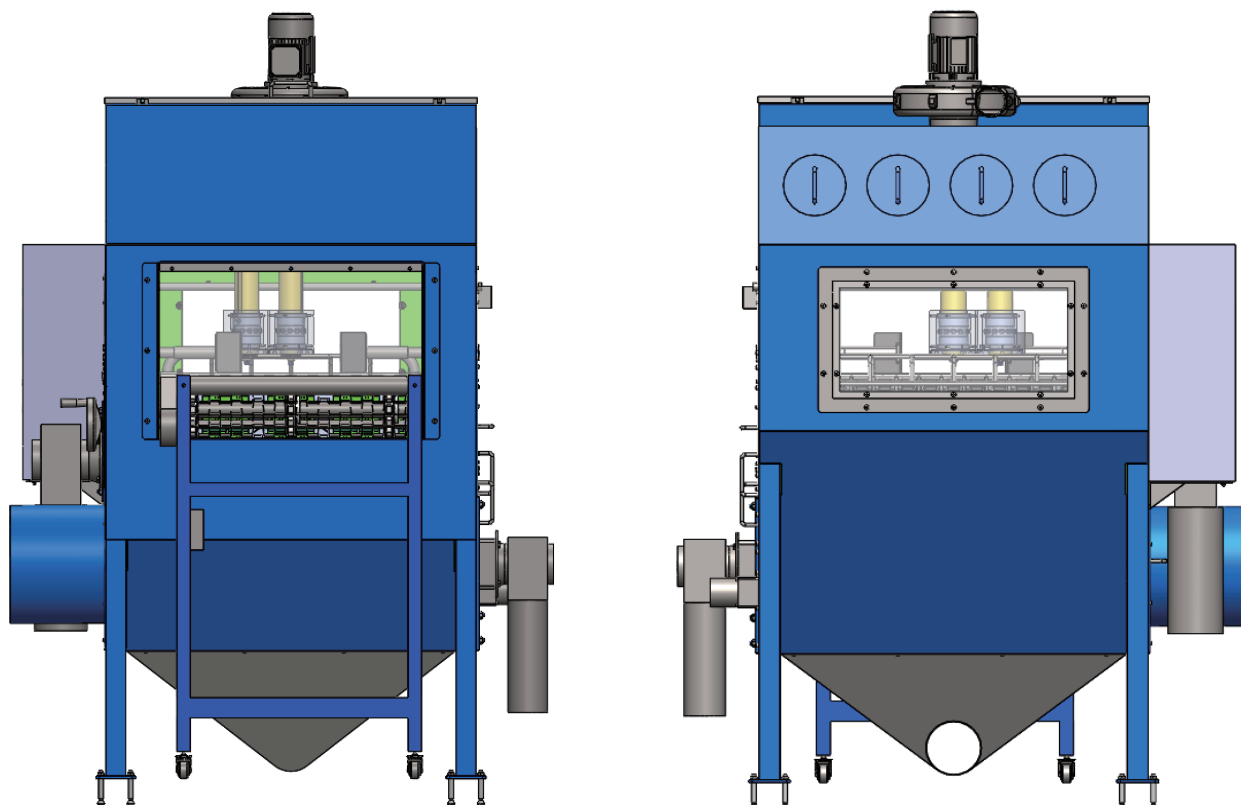
逐袋式自动拆包机介绍

INTRODUCTION

新值机械的DBB系列，单袋逐袋拆包式自动拆包机，采用横切三面环切的切袋方式，物料不与料袋外袋接触，完全避免料袋外袋污染物混入拆后的干净物料中。

可达食品级、卫生级应用。操作简便、运行可靠、故障率低、拆后破袋物料清空率可达99.7%以上，产量可达9-12吨/小时。可适用于大部分规格和材质料袋包装的物料使用。

NVM's DBB series automatic bag opening machine, adopts the cross cutting and three side circular cutting, and the materials do not contact with the Outside of packing bag, so as to completely avoid the pollutants outside mixing into the clean materials after unpacking. It can reach food grade and hygienic application. The utility model has the advantages of simple operation, reliable operation, low failure rate, over 99.7% emptying rate, and the output can reach 9-12 tons/hour. It can be used for materials packaged in bags of most specifications and materials.



拆包机正面 Front

拆包机背面 Back

技术特点 Features:

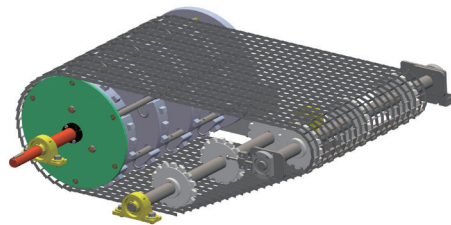
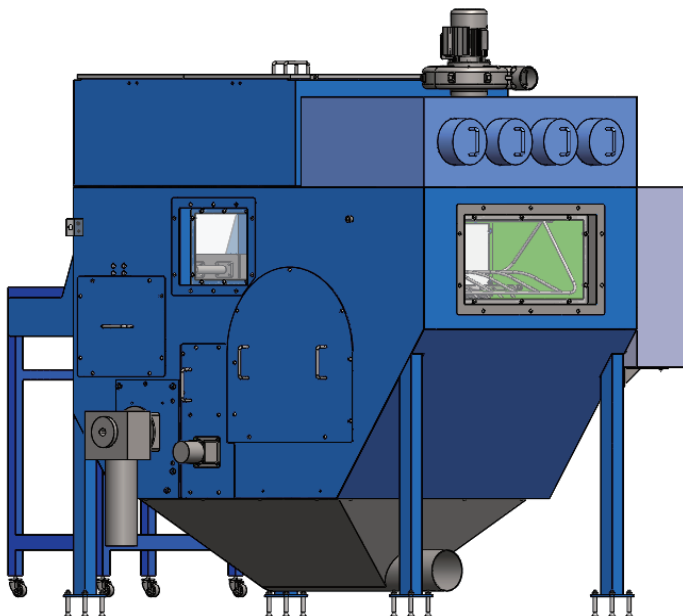
- 👉 设备使用占地空间小。设备尺寸：2350mmX1120mmX2017mm。
- 👉 产能约每分钟6袋-8袋（根据物料不同变化）。
- 👉 料袋外的污染物，几乎不会混入拆后的干净物料内，物料无污染风险。
- 👉 拆净率高，物料极少残余在割后的破袋内，拆净率最高可达99.7%。
- 👉 自动化程度高，仅需一名工人操作完成所有拆包工作。
- 👉 料袋适应性强，PE塑料袋，纸塑袋，麻布袋，编织袋等均适用。
- 👉 自动化配置选项包括：脉冲除尘器，CIP自动清洗系统等。
新值机械的研发测试中心，可提供免费试机服务，请与我司销售人员联系。
- 👉 This machine occupies a small space. Size: L×W×H: 2380mm×1645mm×2025mm.
- 👉 The capacity is about 6-8 bags per minute (depending on different materials).
- 👉 Less material pollution, Less pollutants mixed into the material;
- 👉 Increased efficiency of raw materials, more than 99.7% empty;
- 👉 High automatic extent, Only one worker needs to use a forklift to put the full pallets to the lift;
- 👉 Strong adaptability, PE bag, paper plastic bag, gunny bag, woven bag, etc. are applicable.
- 👉 Automatic configuration options include: pulse dust collector, CIP automatic cleaning system, etc.
The R&D and testing center of NVM can provide free test service, please contact our sales.

逐袋式自动拆包机工作原理

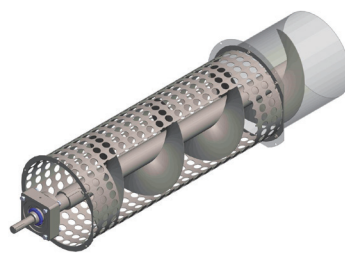
WORK PROCESS

该逐袋拆包式自动拆包机主要由主体机架、捻袋机构、振动清料机构、出袋螺旋机构、输送平台、切割刀和除尘装置等部分组成。

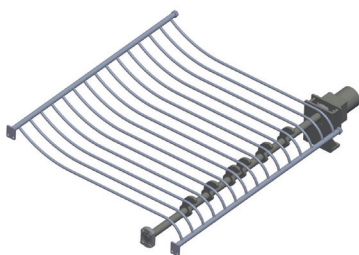
This automatic bag opening machine is mainly composed of main frame, bag twisting mechanism, vibrating mechanism, bag discharging mechanism, conveying table, cutting knife and dust removal device and etc..



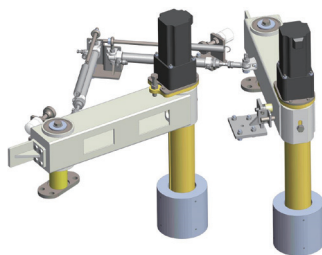
🔵 捻袋机构 Bag Twisting



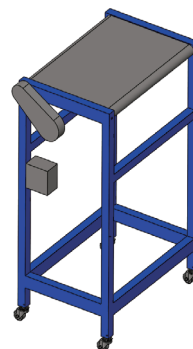
🔵 出袋螺旋机构 Bag Discharging



🔵 振动清料机构
Vibrating Mechanism



🔵 直驱旋转立柱机构
Direct drive rotating mechanism



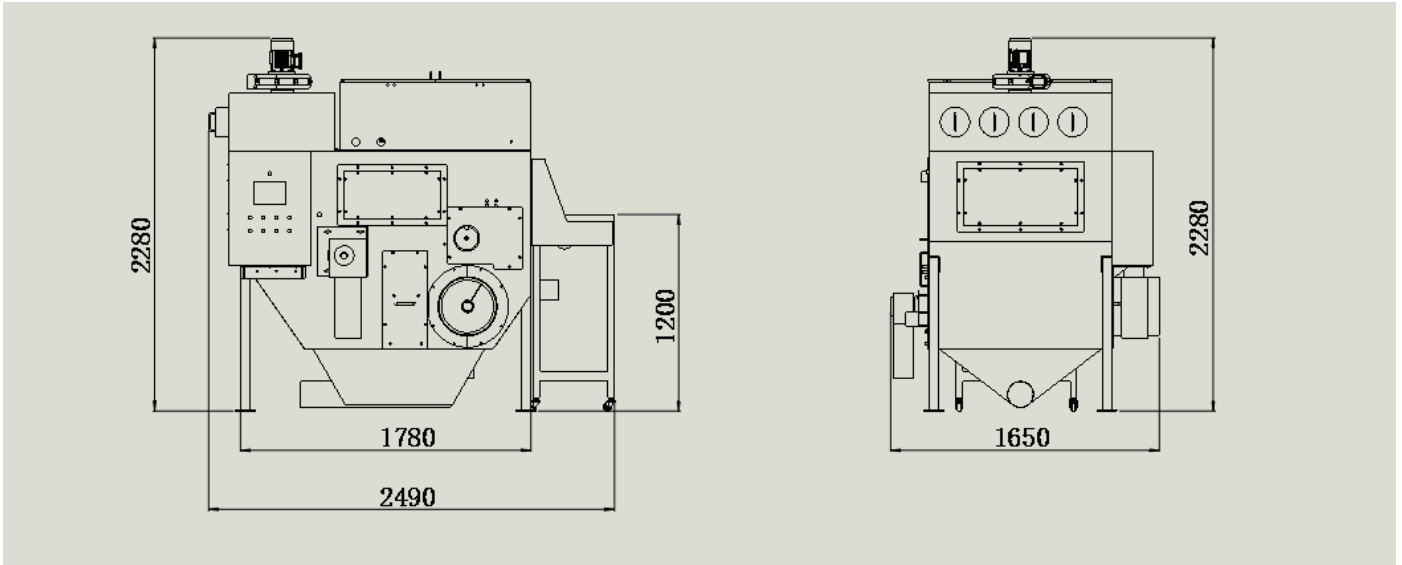
🔵 输送平台
Conveying Table

工作流程 Work Process:

- 物料进入拆包机，一个工作循环开始;
 - 进入拆包机的料袋首先会接触切割锯片;
 - 料袋被切割开的过程中，继续向前运行，会挡住光纤传感器;
 - 随着料袋继续向前运行，料袋头部会接触到挡料板，进而被挡料板分割，继续向前移动;
 - 料袋向前移动，尾端会离开光纤,不再遮挡，光纤恢复的信号出现，开始计时（时长可以设定），计时结束，挡料板抬起，将物料抖落，挡料板抬起一段时间（时长可以设定），挡料板复位;
 - 一个拆包循环结束。
- 注：如果物料长时间挡住光纤，说明切割失败，会发出卡料警告。

- The bag enters the machine and a working cycle begins;
- The bag entering will first contact cutting knife;
- During the cutting, the bag continues to move forward, and will block the optical fiber sensor;
- As the bag continues to move forward, the head of the bag will contact baffle plate, then be divided by the baffle and continue to move forward;
- The bag continues to move forward, the tail of the bag will leave and no longer block the optical fiber signal, the signal recovery appears. Start timing (the length can be set). When the timing is over, baffle plate will lift, shake off the materials, baffle plate will lift for a period of time (the length can be set), baffle plate will reset;
- A cycle was finished.

Notes: if the bag blocks the optical fiber for a long time, means that the cutting is unsuccessful and a material jam warning is sent out.



外形尺寸图 Dimensions

技术规格 Technical Specifications	
型号 Model	DBB360
产能 Capacity	6-8bags/min, 排空效率为99.7% more than 99.7% empty
功率 Installed Power	出袋螺旋电机功率 Bag outlet screw motor: 0.75KW 捻袋齿轮电机功率 Bag twisting gear motor: 2.2KW 切割刀驱动电机功率 Cutter drive motor: 0.75KW
设备重量 Total Weight	1250kg
设备尺寸 Dimension	L×W×H:2490mm×1650mm×2280mm
物料包规格 Bag Size	最大Max1000x600x250mm 最小Min300x300x80mm
包袋重量 Bag weight	10/25/50kg
主体材质 Main Frame	不锈钢304 Stainless steel 304
*可根据客户要求专业定制 It can be customized according to customers' requirements	

兼容料袋的规格:
 宽度<53cm
 长度<90cm
 厚度<28cm
 重量 10/25/50KG
 Specification:
 Width < 53cm
 Length < 90cm
 Thickness < 28cm
 Weight 10 / 25 / 50kg
 兼容料袋的材质: 编织袋、牛皮纸袋、塑料袋等, 需要确认料袋材质。
 Compatible bag: woven bags, kraft paper bags, plastic bags, and etc..

注: 如有超标规格可以定制, 新值的研发测试中心, 可提供免费试机服务, 请与我司销售人员联系。
 If the bag is out of the standard specifications, we also can customize. Our R&D and test center can provide free commissioning service, please contact our sales.



名称: 切割刀片

Equipment Unit: Knife

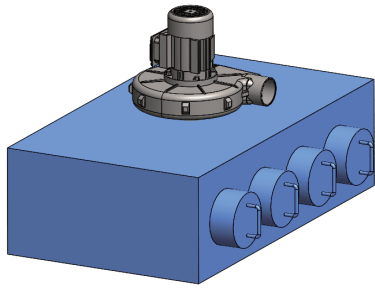
描述: 齿数增加, 适合切割硬度大、易打滑的包装袋; 齿数减少, 适合切割编织袋等软材料包装。

Description: With the increase of the number of teeth, it is more suitable for cutting bags with high hardness and easy to slip; With the decrease of the number of teeth, it is suitable for cutting bags of soft materials such as woven bags, resulting in less bag scraps.

应用: 编织和塑料袋用无齿锯片, 单层牛皮纸袋用无齿锯片或4齿锯片, 多层牛皮纸袋等用多齿锯片。

Application: The cutting knife with no tooth for woven and plastic bags, the cutting knife with no tooth or 4 teeth for Single layer kraft bag, the cutting knife with multi teeth for Multilayer kraft bag.





名称：除尘装置

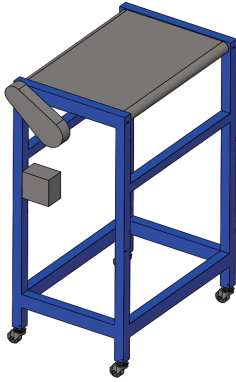
Equipment Unit: Dust Removal Device

描述：防止料箱内的粉尘外溢，有利于物料落料

Description: Prevent the dust from overflowing and is conducive to material falling

应用：通常适用于粉料或者含粉量较高物料

Application: Usually suitable for powder or materials with high powder content



名称：输送平台

Equipment Unit: Conveying Table

描述：工人将物料包放在皮带上，料袋由此进入。

Description: The worker puts the material bag on the belt, and the bag enters from here.

应用：输送机的输送长度可根据需要定制。

Application: The conveying length can be customized according to needs

应用行业及工程案例 PROJECTS

逐袋式自动拆包机占地空间小，使用方便灵活，可达食品级、卫生级应用。适用于塑料、化工、食品、饲料等各行业，设备可占地空间有限，对拆后物料品质要求高等应用情况。

This automatic bag opening machine occupies a small space and is convenient and flexible to use, and it can reach food grade and hygienic application. It is suitable for plastics, chemical industry, food, feed and other industries. And suitable for applications where the space is limited and has high requirements for the quality of disassembled materials.



📍 安装现场照片 On site pictures

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