

Comprehensive raw material bag emptying solutions



Lead advantage in equipment performance with quicker ROI

Independent edition for small bag splitter

Select right type of bag emptying machine for your industry

XUNLI bag emptying machine corresponds to a variety production needs in different industries

Mainly applied industry and features	Bag emptying machine
<p>Plastic industry:</p> <ol style="list-style-type: none"> 1. Average above 99.98% emptying rate with 600bags/hour 2. Near 0 bag debris into the material 3. More flexible layout to better fit the space <p>XUNLI Technology</p>	 <p>➤ LAB-1350 Layer bag slitter</p>
<p>Various industries:</p> <ol style="list-style-type: none"> 1. Small size 2. Can handle most bags and materials 3. Can handle bags of different size by one machine 4. Near 0 bag debris generated with one piece of blade cut open bags 5. Up to 180bags/hour with high emptying rate 	<p>XUNLI Patented Equipment</p>  <p>➤ STAB-850 Small bag slitter</p>
<p>Pharma and Food industry:</p> <ol style="list-style-type: none"> 1. Very small size 2. Built-in spray ball for online cleaning 3. Can handle certain variety of bags and materials 4. Near 0 bag debris generated with one piece of blade cut open bags 5. Up to 150bags/hour with high emptying rate 	<p>XUNLI Patented Equipment</p>  <p>➤ MTAB-800 Mini bag slitter</p>
<p>Various industries:</p> <ol style="list-style-type: none"> 1. Broad applicability 2. Can handle most bags and materials 3. Up to 1000bags/hour with high emptying rate 4. Easy operation and maintenance <p>XUNLI Technology</p>	 <p>➤ RAB-1350 Drum screen bag slitter</p>

STAB-850 Small bag slitter

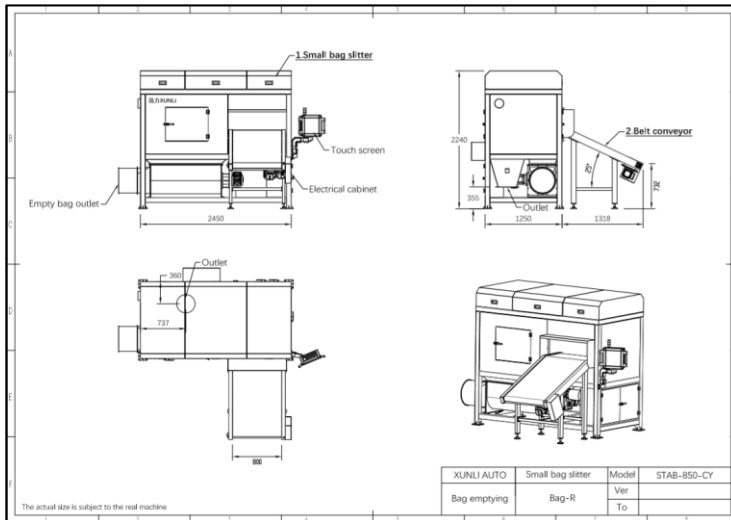


XUNLI Patented Equipment

Key features

- ✓ Can handle most bags and materials
- ✓ Can handle bags of different size by one machine
- ✓ Near 0 bag debris generated with one piece of blade cut open bags

Broad applicability for various industries



Three-view drawing of STAB-850 standard unit

More features

- ✓ Small size
- ✓ High applicability for various structure bags
- ✓ Up to 180bags/hour with high emptying rate
- ✓ Simulating human movement to empty the bag

Equipment description

Small bag slitter: the belt conveyor sends the bag into the inner part of the small bag slitter, Inside of the small bag slitter, the bag catch device grab the bag and moving the bag to other side of the machine, during the moving process, the rolling cutter cut open the bag from the bottom, the material falls into the hopper by gravity, the bag emptying device imitating human movement to shake the bag to empty the material out of the bag. The empty bag to be automatically collected by the empty bag compactor and extruded out .

STAB-850 Small bag splitter



Explosion-proof Configuration Detail Picture



Explosion-proof junction box



Inside the explosion-proof electric cabinet

Can handle different bags by one machine

Different bag size



Different bag material

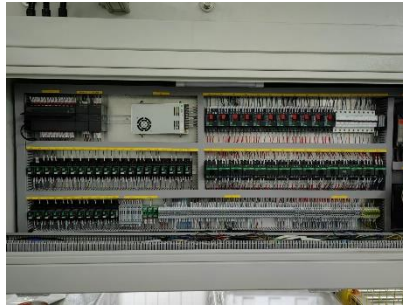


Different bag structure



Fit for various bags: Plastic bag, paper bag, woven bag, film-coated woven bag, paper-plastic composite bag, tie closure bag, vacuum bag, multi layer bag, foil bag

Automatic control system



PLC	PLC numerical control system to complete the adjustment and automatic working cycle of the machine, and
Touch screen	The touch screen implements parameter setting ,fault self-diagnosis function

➤ Automatic control system

- 1) The automatic control system adopts Siemens PLC numerical control system to control the automatic operation of the equipment, realizing one-key start and stop.
- 2) The equipment can adjust and set the working parameters of the equipment through the touch screen.
- 3) The equipment has high reliability and can realize self-diagnosis alarm and record of equipment failure.

Security protection



Mechanical protection	Exposed transmission parts adopt mechanical protection
Visual window	Visual window is equipped for clear internal observation

➤ Equipment security

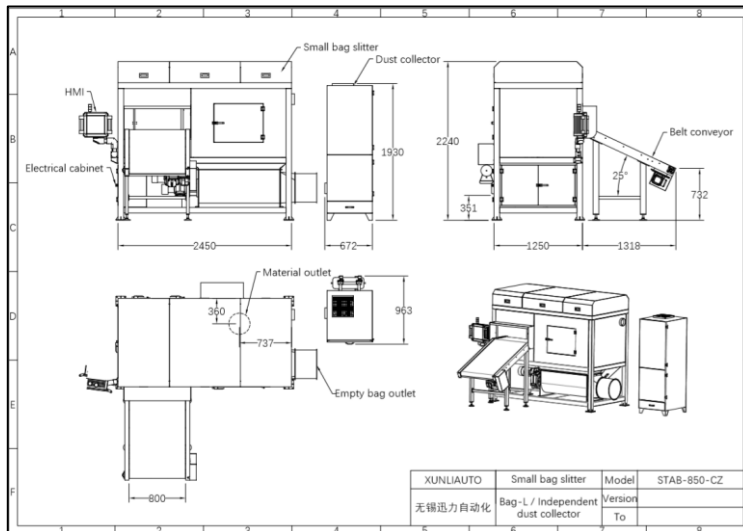
- 1) The high level alarm is equipped to ensure a normal operation.
- 2) The interlocking control between the components of the equipment prevents the mis-operation of the equipment and ensures the safety of the equipment and personnel.
- 3) The control part adopts 3-level password protection to prevent mis-operation by non-professionals.

Parameters for: STAB-850 standard unit

Measures:	Width:1.25m*length:2.45m* height:2.235m
Energy consumption & CA:	2.2kwh/3.2KW, max 150L/min/0.6mpa
processing capacity & emptying rate:	About 99.8%-99.99% with max 180bags/hour
Suitable for material:	Most powder, granule and pellets material
Suitable for bag:	Almost all kinds of bags and sacks
Weight	Around 1.2 ton, use 3 ton forklift to move the machine
Bag specification:	suitable for outer length 550-850MM, width 350-550MM, height 100-200MM range

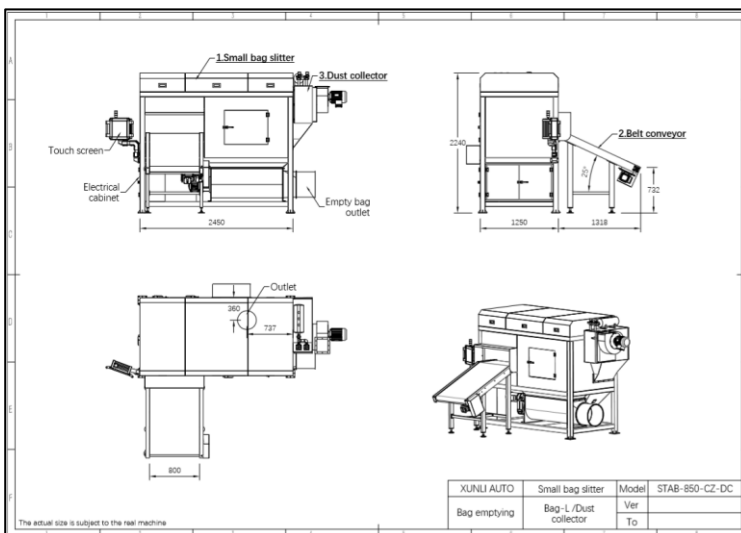
More options to fit your requirements

Equipped with the dust collector, there is no dust leakage during the whole bag emptying process



Small bag slitter + Dust collector

- Advantage:
The use of independent dust collector can reduce cross contamination between different materials



Small bag slitter with integrated dust collector

- Advantage:
Higher level of equipment integration and smaller footprint

Lead advantages comparing with other similar machine

Comparison items	XUNLI small bag slitter	Other similar machine
Bags of different sizes and structures	Can handle bags of different sizes and structures by one machine at the same time	No other similar small bag slitter can handle bags of different sizes and structures by one machine at the same time
Bag debris	Near 0 bag debris generated with one piece of blade cut open bags for one layer structure bags	More bag debris for most other similar small bag slitter
Suitable for material	Most powder, granule and pellets material	Few other similar small bag slitter can handle all these material

More configuration



The equipment can be configured according to the user's requirements

1. Separate dust collector or integrated dust collector
2. Adopt explosion-proof configuration or non-explosion-proof configuration
3. Carbon steel spraying coating or stainless steel according to user's material and industry.



Limitations on the application of equipment

- Not suitable for hard lumps, corrosive, or flammable and explosive materials.
- Multi-layer paper-plastic composite bags, vacuum packaging bags, bags and other materials, need to provide bags in kind to identify the applicability of equipment.
- There are lumps in the material, special forms of bags, etc. may affect the use of equipment and technical parameters

We Are Great at What We Do
Looking For Global Cooperation
Higher Performance Bag Emptying Machine



COOPERATION & WIN-WIN

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