

Comprehensive raw material bag emptying solutions



Independent edition for mini bag splitter

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XUNLI Automation Equipment co., Ltd

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
Plastic industry: <ol style="list-style-type: none"> 1. Average above 99.99% emptying rate with 600bags/hour 2. Near 0 bag debris into the material 3. More flexible layout to better fit the space <div>XUNLI Technology</div>	 <p>➤ LAB-1350 Layer bag splitter</p>
Various industries: <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 	<div>XUNLI Patented Equipment</div>  <p>➤ STAB-850 Small bag splitter</p>
Pharmaceutical and Food industry: <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 	<div>XUNLI Patented Equipment</div>  <p>➤ MTAB-800 Mini bag splitter</p>
Various industries: <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 <div>XUNLI Technology</div>	 <p>➤ RAB-1350 Drum screen bag splitter</p>

Find XUNLI for right type of bag emptying machine for your industry

MTAB- 800-Mini bag splitter



XUNLI Patented Equipment

Main features

- ✓ Very small equipment size
- ✓ Internal build-in with spray ball
- ✓ near 0 bag debris into the material with one piece of blade cut open the bag
- ✓ Max 150bags/hour with high emptying rate
- ✓ Stimulating human movement to empty the bag

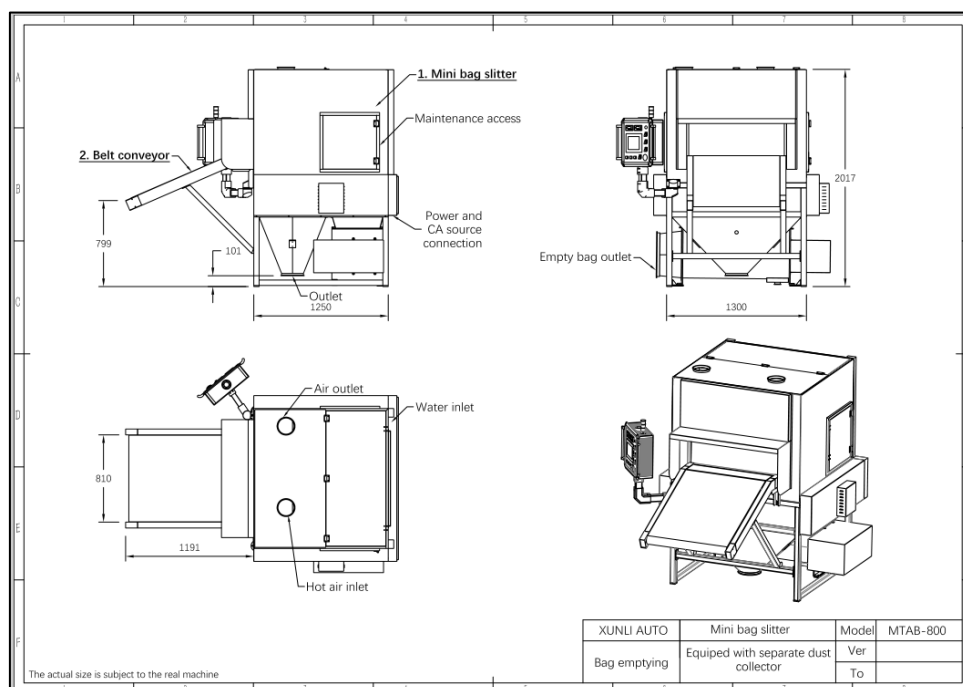


Best choice for pharmaceutical and food industry

- ✓ The machine is primarily constructed from 316 stainless steel, and all materials used comply with FDA standards.
- ✓ The interior of the machine can be cleaned directly with water through a spray ball built into the system, ensuring thorough cleanliness.
- ✓ The machine is equipped with an interface for connecting to a hot air pipe, facilitating drying after the spray cleaning process

For pharmaceutical and food industries requiring compact machines that fit into limited spaces, the XUNLI Mini Bag Splitter is the ideal choice. It offers both online water cleaning and hot air drying capabilities to meet your specific needs.

MTAB-800 Mini bag slitter three-view drawing



Parameters for: MTAB-800 standard unit

Measures:	Width 1.3m * length 1.25m, height 2m
Energy consumption & CA:	1.5kwh/2.2KW; max 100L/min/0.6mpa
Emptying rate/capacity	About 99.5%-99.99% emptying rate with 100-150bag/hour
Suitable for material:	Most powder, granule and pellets material
Suitable for bag:	Single and multilayer plastic, paper, laminated woven bag., etc.
Weight	Around 1 ton, use 3 ton forklift to move the machine
Bag specification:	Suitable for outer length 500-800mm, width 350-550mm, height 100-200mm range

Equipment description

The belt conveyor transports the bag into the interior of the mini bag slitter, where the internal bag-catching device grabs the bag. A blade cuts the bag open from the bottom, allowing the material to fall into the hopper by gravity. The bag emptying device mimics human movement to shake the bag and fully empty the contents. Finally, the empty bag is automatically collected and compressed by the empty bag compactor. This machine can be configured with explosion-proof features for added safety.

On line water cleaning with built-in spray ball



Before washing



After washing

Introduction of on line water cleaning



1. The equipment is equipped with 4-5 spray balls, a 2-inch water inlet pipe, and operates at a water pressure of 2 KG.
2. A solution containing approximately 0.02% riboflavin is sprayed inside the equipment for cleaning.
3. The cleaning process involves the use of purified water, alkaline water, and purified water in sequence.
4. The entire process takes about 6 minutes, with a total water consumption of approximately 1 ton.
5. After cleaning, the riboflavin solution is completely removed, ensuring no residue remains inside the equipment.

Automatic control system



PLC	PLC numerical control system to complete the adjustment and automatic working cycle of the machine, realizing one-key start and stop
Touch screen	The touch screen implements parameter setting, fault self-diagnosis function can realize self-diagnosis alarm and record of equipment failure.

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



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COOPERATION & WIN-WIN

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