

Comprehensive raw material bag emptying solutions



Global Distributors Wanted
We Welcome All Forms of Cooperation.

XUNLI Automation Equipment co., Ltd

XUNLI BAG EMPTYING MACHINE

WE ARE COMING

With better performance and broad applicability



Continuous innovation

Rigorous and objective






High quality product

Client satisfaction

- We specialize in developing diverse bag-emptying solutions tailored to various industries. Our goal is to make the best bag emptying machines, to help clients reduce costs, protect employee health, minimize dust pollution, and boost production efficiency.
- As an innovative company in the bag-emptying sector, XUNLI has earned over 30 patents through continuous effort and ingenuity. Our equipment is known for its reliability and efficiency, which gives us a strong competitive edge on the global stage.
- We are committed to sincerity and transparency. Our products are presented accurately, without exaggeration, and we actively seek feedback from our clients to continuously improve and enhance the performance of our equipment.

WHAT YOU SEE IS WHAT YOU GET

Select right type of bag emptying machine for your company

Major equipment and features	Bag emptying machine
<p>➤ LAB-1350 Layer bag splitter:(XUNLI Technology)</p> <ol style="list-style-type: none"> 1. Average above 99.98% emptying rate 2. Near 0 bag chips into the material 3. Max efficiency from 650 to 800bags per hour 	
<p>➤ STAB-850 Small bag splitter (XUNLI Patented)</p> <ol style="list-style-type: none"> 1. Can handle bags made of different material, and in different sizes and structures 2. Near 0 bag chips generated with one piece of blade cut open bags 	
<p>➤ MTAB-800 Mini bag splitter (XUNLI Patented)</p> <ol style="list-style-type: none"> 1. Built-in spray ball for online cleaning 2. Near 0 bag chips generated with one piece of blade cut open bags 	
<p>➤ RAB-Drum screen bag splitter (XUNLI Technology)</p> <ol style="list-style-type: none"> 1. Broad applicability 2. Can handle most bags and materials 3. Easy operation and maintenance 	
<p>➤ Robot unloading & bag emptying</p> <ol style="list-style-type: none"> 1. Robot unloading +Bag emptying machine: Can handle most powder and pellets material's bag emptying 2. Robot unloading +Bag dumping station, Can handle most pellets and some powder material's bag emptying 	

Find XUNLI to get right type of bag emptying machine

LAB-1350 Layer bag splitter



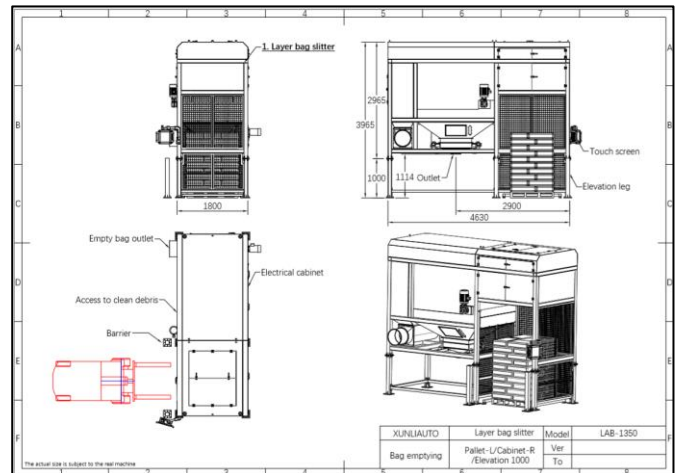
Feature of the machine

- Average emptying rate higher than 99.98% in most cases
- Near 0 bag chips into the material
- More flexible layout to better fit the space

XUNLI Technology

Perfect choice for plastic industry

Parameters for: LAB-1350 standard unit



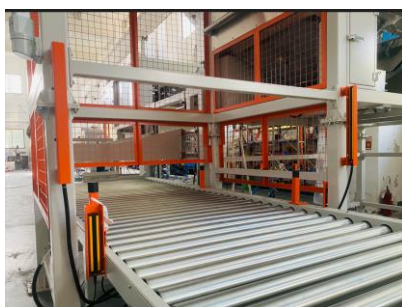
Measures:	Width:1.8m*length:4.63m, height:3.96m
Energy consumption & CA:	7kwh, 10kw; max 150L/min/0.6mpa
Emptying rate & processing capacity	About 99.98%-99.99% with max 650bags/hour
Suitable for material:	PP, PE, HDPE and other pellets material
Suitable for bag:	Plastic, paper, laminated woven bag., etc.
Weight:	Around 3.5 ton, use 5 ton forklift to move the machine
Pallet specification:	Suitable for outer length and width1.1-1.35MM range, height below 2.3M

Automatic control system



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

Security protection



Mechanical protection	Exposed transmission parts adopt mechanical protection
Light curtain protection	Light curtain to prevent personnel from entering the bag catching area

Miscellaneous

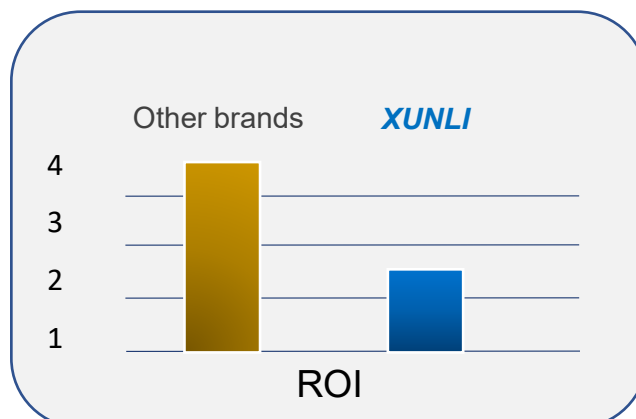
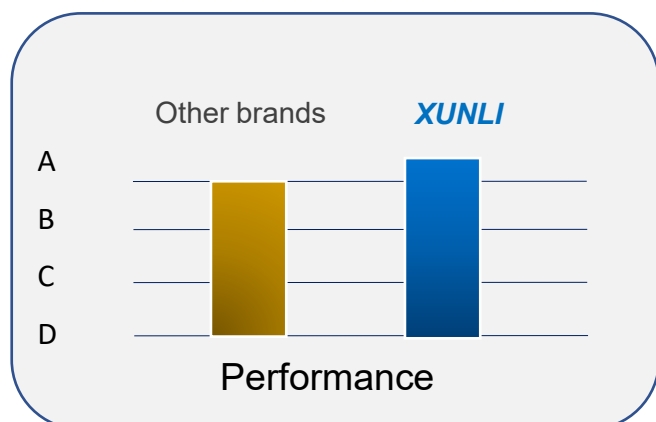


Stainless steel internal

Compressed air box

Compacted empty bags

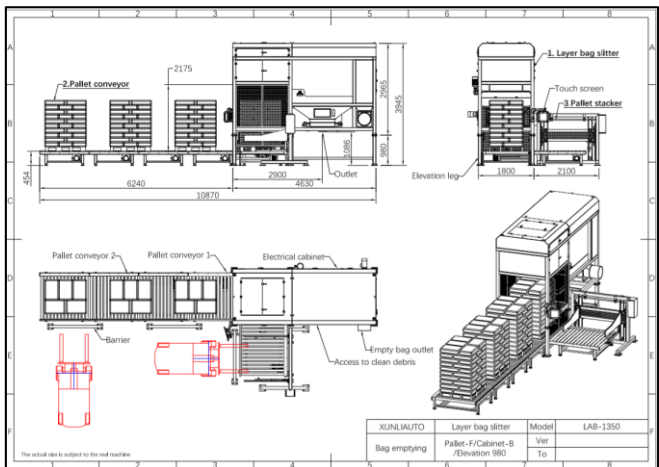
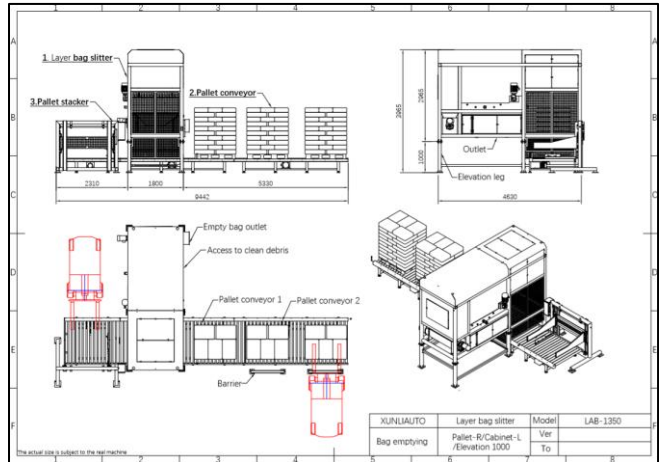
Better Performance and More cost-effective



Comparison items	XUNLI VS Other brands
High emptying rate	Average above 99.98% with 600bags/hour in most cases
Zero bag chips	Near 0 bag chips into the material, making it suitable for industries with high requirements for bag debris, such as film stretching and calendaring .
Strong adaptability	Strong adaptability to uneven pallet stacking, making it better suited for palletized loads that are not perfectly flat
Smaller equipment size	Compact equipment design with a smaller footprint, saving production space
Easier installation	High level of integration, allowing installation and debugging to be completed within one day.
Less risk of screws	Use welding process as much as possible to minimize the risk of screws falling out
Remote diagnosis	The equipment is equipped with IoT modules, enabling remote diagnostics for troubleshooting.

Large end-users who have purchased XUNLI LAB-1350 Layer bag emptying machine three or more times

Flexible layout with pallet conveyor and pallet stacker



Better adaptability and higher emptying rate

Uneven stack bags



Emptying rate > 99.98% - 99.99%

Even stack bags



Emptying rate > 99.99%

Unrivaed highly applicable small bag emptying machine

STAB-850 Small bag splitter



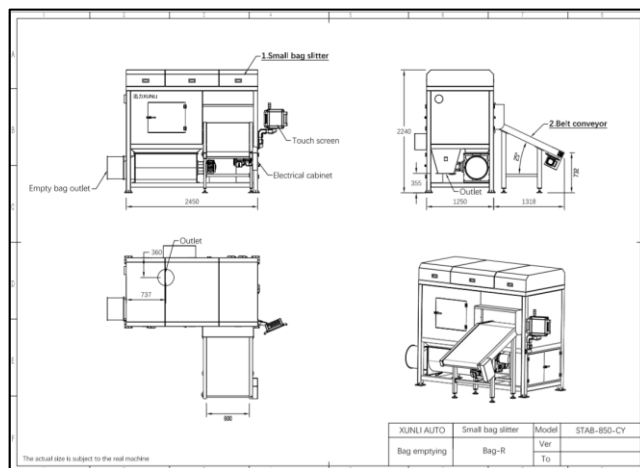
Feature of the machine

- Small size, can handle most bags and materials
- Near 0 bag chips generated with one piece of blade cut open bags
- Up to 180bags/hour with high emptying rate

XUNLI Patented Equipment

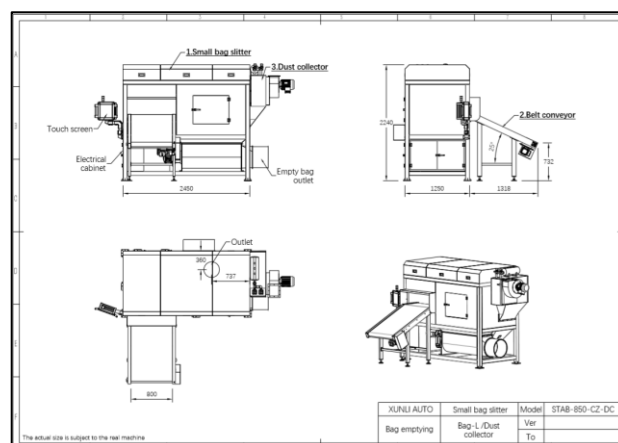
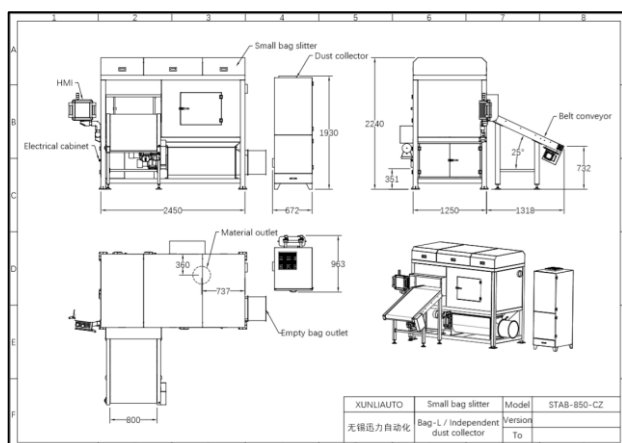
Broad applicability for various industries

Parameters for STAB-850



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



Lead advantages comparing with other similar machine

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

Comparison items	XUNLI small bag slitter VS Oter similar machine
High adaptability for bags of different sizes and structures	Can handle bags made of different material, and in different sizes and structures
Zero bag chips	Near 0 bag chips generated with one piece of blade cut open bags for one layer structure bags
Suitable for most material	Suitable for most powder, granule and pellets material, no dust leakage

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.

The smallest automatic bag emptying machine

MTAB- 800-Mini bag splitter



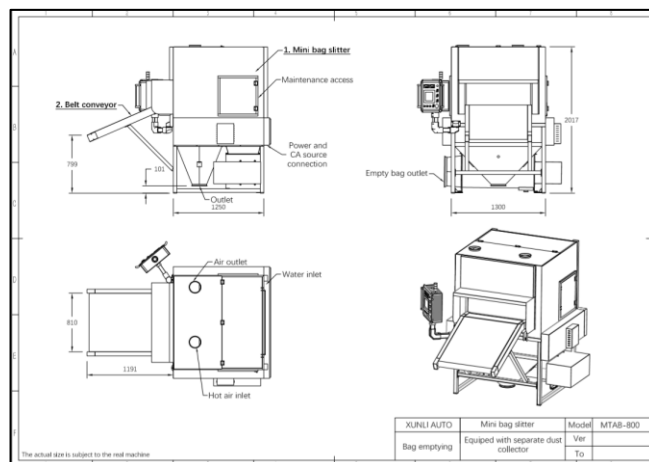
Feature of the machine

- Very small size
- Built-in spray ball for online cleaning
- Can handle certain variety of bags and materials
- Near 0 bag chips generated with one piece of blade cut open bags
- Up to 150bags/hour with high emptying rate

XUNLI Patented Equipment

Best choice for pharma and food industry

Parameters for MTAB-800



Measures:	Width:1.3m*length:1.25m, height:2m
Energy consumption &CA:	2kwh, 3.2kw; max 100L/min/0.6mpa
Emptying rate& processing capacity :	About 99.8% emptying rate with max 150bags/hour
Suitable for material:	Most powder, granule and pellets material
Suitable for bag:	Single and multilayer plastic, paper, laminated woven bag., etc.
Weight:	Around 1.0t on, use 3 ton forklift to move the machine
Bag specification:	suitable for outer length 500-800MM, width 350-550MM, height 100-200MM range

RAB- Drum screen bag splitter



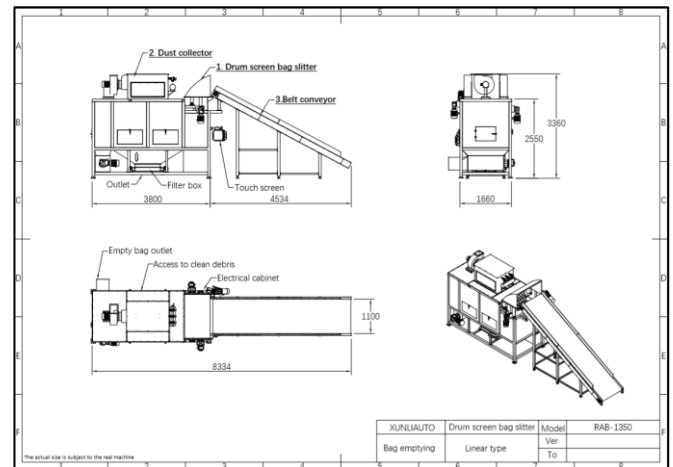
Feature of the machine

- Broad applicability
- Can handle most bags and materials
- Up to 1000bags/hour with high emptying rate
- Easy operation and maintenance

XUNLI Technology

Suitable for various industries

Parameters for RAB-1350



Measures:	Width:1.66m*length:3.8m, height:3.6m
Energy consumption &CA:	7kwh, 10kw; max 150L/min/0.6mpa
Emptying rate & processing capacity	About 99.5%-99.99% with 600-1000bags/hour
Suitable for material:	Most powder, granule and pellets material
Suitable for bag:	Almost all kind of bags and sacks in different size
Weight of the main body:	Around 3.5ton, use 5t on forklift to move the machine

The drum screen drum bag splitter will produce a certain amount of bag chips in the process of bag cutting, the filter box can be equipped to screen most of the bag chips, but to meet higher requirements, an independent chips removal equipment need to be used separately.

F-RAB-1350 Flip Drum screen bag splitter

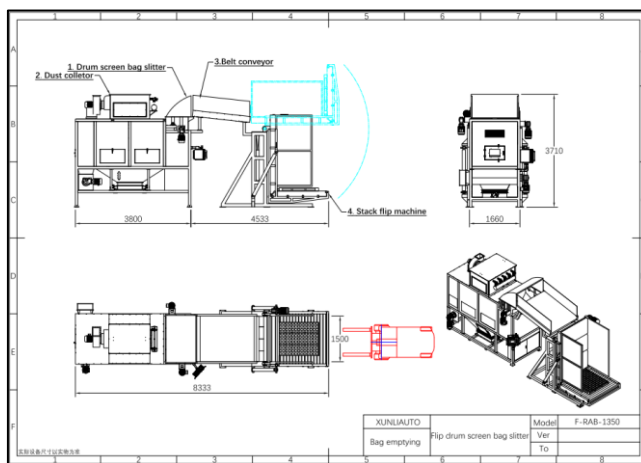


Feature of the machine

- Broad applicability
- Can handle most bags and materials
- Up to 600-1000bags/hour with high emptying rate
- Easy operation and maintenance

Suitable for pallet stacking bags

Parameters for F-RAB-1350



Measures:	Width:1.8mm*length:12m, height:4.2m
Energy consumption &CA:	10kwh, 20kw; max 150L/min/0.6mpa
Emptying rate & processing capacity	About 99.5%-99.99% with 600-1000bags/hour
Suitable for material:	Most powder and pellets material
Suitable for bag:	Almost all kinds of bags and sacks
Weight of the main body:	Around 3.5 ton, use 5 ton forklift to move the machine
Pallet specification:	Suitable for outer length and width1.1-1.35MM range, height below 2.0M

Combination of robot unloading and bag emptying

Robot unloading & bag emptying



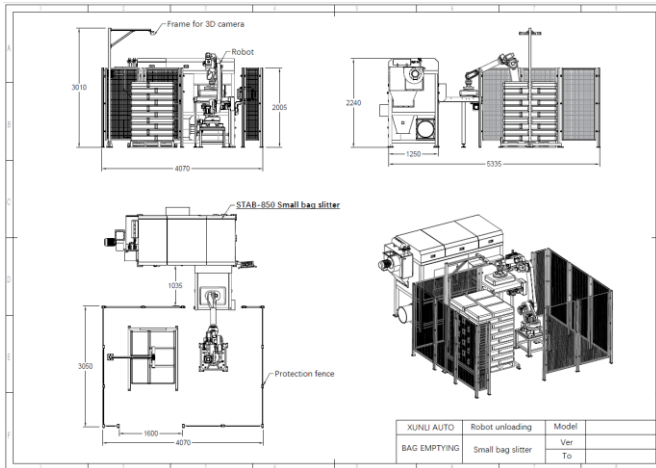
Robot un-palletizing

- Suitable for unloading various types of bags
- Multi-station pallet unloading capability

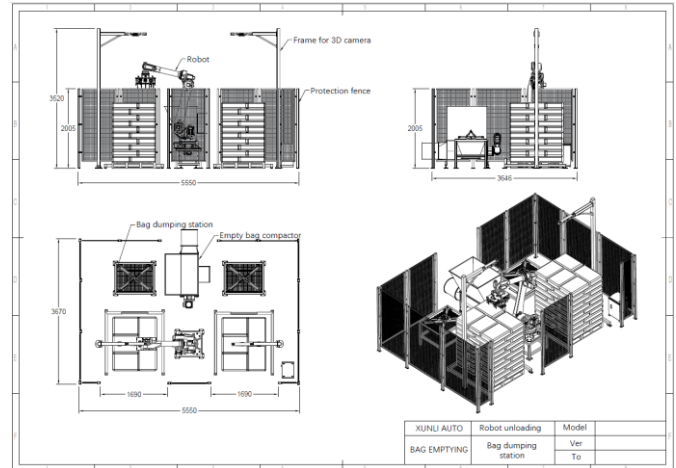
Robot bag emptying

- Works with dumping station and empty bag compactor
- Ideal for multi-station feeding

Robot unloading + Small bag emptying machine



Robot unloading + Bag dumping station



Combination 1: Robot unloading + Small bag emptying machine

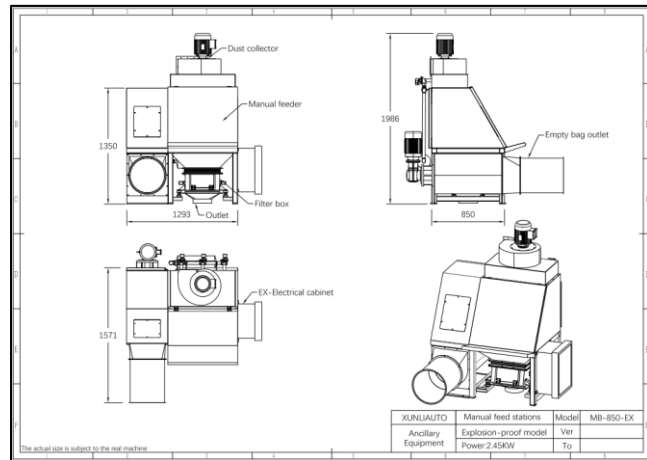
Material and bags	Suitable for powder and granular materials, as well as most bag types and packaging structure
Emptying rate and efficiency	Emptying rate: Approx. 99.5%-99.99%; Unpacking capacity: 120-200 bags/hour

Combination 2: Robot unloading + Bag dumping station

Emptying rate and efficiency	Ideal for single-layer packaged granular materials,, but not recommended for most powder material emptying
Emptying rate and efficiency	Granular material emptying rate: Approx. 99.9%-99.99%; Unpacking capacity: 150-200 bags/hour

Note: Due to the complex packaging material and structure of powder materials and their relatively poor flow characteristics, most applications experience lower emptying rates and potential dust leakage during unpacking.

MB-850-Manual dump station

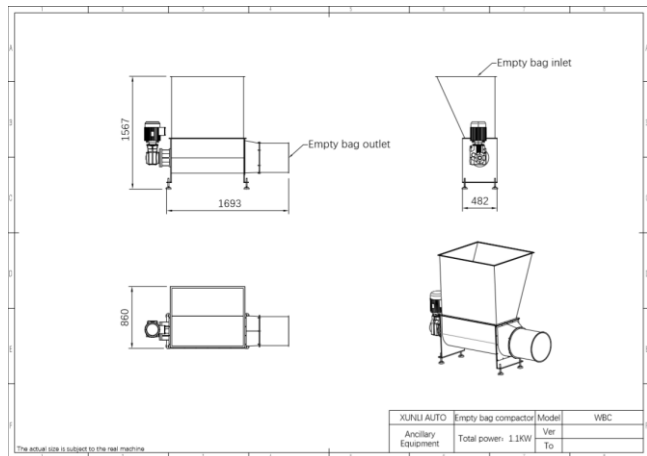


Feature of the machine

- Equipped with dust collector to prevent dust leakage in the process of manual operation.
- Equipped with empty bag compactor for internal collection of empty bags.

Measures:	Width:1.3m*length:1.7m, height:2m
Energy consumption &CA:	2.2kwh, 2.2kw; max 50L/min/0.6mpa

WBC-800-Empty bag compactor

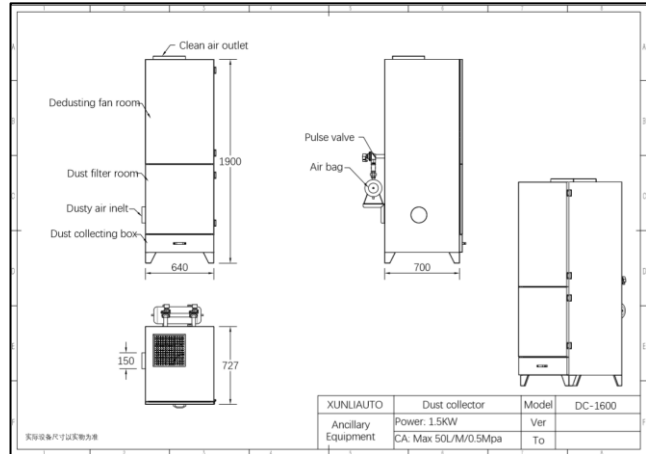


Feature of the machine

- Suitable for bags of various size, material and structure.
- High compaction rate, reduce empty bag storage space.

Measures:	Width:0.5m*length:2m, height:1.5m
Energy consumption:	1.1kwh, 1.1kw;
Processing capacity:	About 500-1000bag/hour depending on bag size and structure

DC-1000,1600,2200,3000-Dust collector

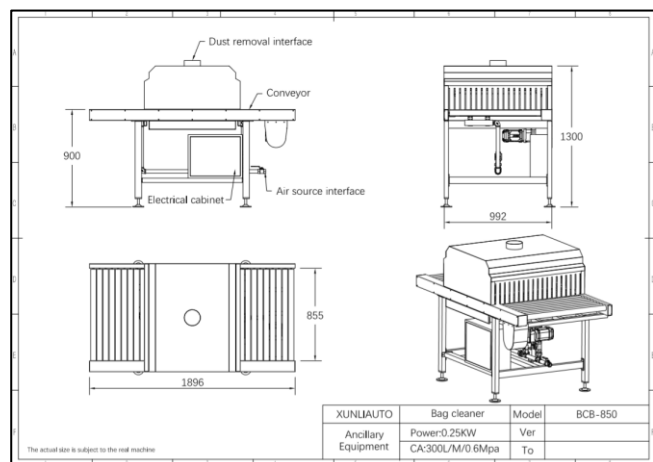


Feature of the machine

- The dust filter inside is easy to be dismantled for maintenance
- Dust collector adopts automatic pulse back blowing system to clean dust.

Measures:	Width:0.6m*length:0.7m, height:1.9m for DC-1000
Energy consumption &CA:	1.1kw; max 50L/min/0.5mpa for DC-1000
Air volume:	1000m3/hour for DC-1000

BC-850-Bag clean box



Feature of the machine

- Compressed air to clean the surface of the bag from 4 directions
- To connect with the dust collector to collect dust during the bag clean process.

Measures:	Width:1m*length:1.9m, height:1.2m
Energy consumption &CA:	0.37kw; 300L/min/0.6mpa
Suitable for bag:	Bag size below width:0.5m*length:0.85m, height:0.2m

The relevant technical parameters and technical characteristics are for reference only, all equipment can be customized to your requirement, for more details please contact us

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Looking For Global Cooperation
Higher Performance Bag Emptying Machine



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We Welcome All Forms of Cooperation.

COOPERATION & WIN-WIN

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