



Shenyang Precision Work Huazhiyi Machinery Co.,Ltd
No.77-37, 13th Road, Shenyang Economic and Technological Development Zone
Tel: +0086 15009887842 Fax:+0086 24 25831988

Company Profile

Shenyang Huazhiyi Machinery is a manufacturer that develops and produces various general equipment.

The company's main products are: mixers, packaging machines, filling machines, conveyors, reactors, dehydrators, crushers, etc.

We have 13 years of production research and development experience. Our company has become an international company in Asia, Europe, America, Africa and other regions. Has won long-term cooperation and praise from customers.

Our philosophy is: Integrity-based, strength first, and serve customers wholeheartedly.

Welcome new and old customers to inquire!

Thanking you.

Yours Faithfully

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Product Part

Product name: Horizontal mixer

Suitable for mixing powder, granules, dry and wet materials

Model: 100KG to 5T/batch optional

Material: A3 carbon steel, 201, SUS304, 316L (the contact surface with the material or the whole)

Stirring paddle: Double spiral belt structure

Functions can be added: heating, heat preservation, water circulation heating or cooling, spraying device, etc.

It can be used with conveyors, packaging machines, screening machines, shredders, storage hoppers and other equipment.

Advantages: easy maintenance and cleaning, high mixing uniformity

Products can be customized according to user needs.



Product name: Vertical mixer

It is mainly suitable for mixing and drying of plastic particles, plastic dyeing and granulation, recycling and processing of recycled materials, and also for mixing other granular materials, dry powder materials, and chemical powders.

Model: 500KG to 5T, each batch of processing capacity is optional

Material: The contact surface with the material or the whole is 201, SUS304, 316L

Stirring paddle: spiral mixing

Output speed: 300rpm

Advantages: large capacity, high cost performance

Products can be restructured according to user needs.





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Product name: Vertical mixer

It is mainly suitable for the mixing of granular materials, plastic particles toning, powder and granular materials, powder and powder, seasonings and other materials.

Model: 50KG, 100KG, 150KG, 200KG, 300KG

Material: Stainless steel

Output speed: 63rpm.

Advantages: smooth internal and external surfaces, simple operation, convenient movement, easy cleaning, easy maintenance and cleaning.



Product name: Cone mixer

This is a new type of high-efficiency and high-precision mixing equipment, which can be used for mixing powder, granular, dry and wet materials.

Model: 500L to 8000L can be produced

Material: The contact surface with the material or the whole is 201, SUS304, 316L.

Stirring paddle: hanging wall double spiral stirring blade

Rotation speed: revolution 2rpm, rotation 57rpm.

Advantages: high mixing uniformity, clean discharge and no retention

Can add functions: spray device (for adding liquid), heating, heat preservation, etc.



Product name: Double cone mixer

It is widely used in pharmaceutical, chemical, food and scientific research units for the mixing of dry powder and granular materials.

Model: 100L to 4000L volume can be produced.

Material: SUS304,316L

Stirring method: 360-degree rotating and mixing, and a stirring device can be used at the same time.

Mixing time: 4 to 10min per batch

Advantages: high mixing efficiency, smooth cylinder without dead corners, clean material discharge and exquisite appearance.

It can be used with vacuum feeder and other equipment.





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Product name: Double cone mixer (simple version)

Mainly suitable for the mixing of dry powder and granular materials

Model: 50KG, 100KG

Material: 201

Stirring method: 360 degree rotating mixing

Output speed: 46rpm

Advantages: high performance-price ratio, no dead ends in unwinding



Product name: V-type mixer

The mixing cylinder has a unique structure and high mixing efficiency. It is suitable for pharmaceutical, chemical, food and scientific research units and is used for mixing dry powder and granular materials.

Model: 100L to 3000L can be made

Material: SUS304,316L

Stirring method: 360-degree rotating and mixing, and a stirring device can be used at the same time.

Advantages: high mixing efficiency, smooth cylinder without dead corners, clean material discharge and exquisite appearance.

It can be used with vacuum feeder and other equipment.



Product name: CH trough mixer

Used for mixing powder, wet materials, etc., widely used in pharmaceutical, chemical, food, scientific research and other industries.

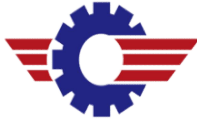
Model: 50L to 1000L

Material: SUS304,316L

Features: pourable material

Advantages: in line with GMP requirements, the two ends of the mixing shaft are sealed, and the operation button can be activated to dump the material to make the tank tilt 90 degrees.





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Product Name: High Mixer

It is widely used in the mixing, drying and coloring of PVC powder, dry powder, plastic, rubber, daily chemical industry and other industries.

Model: 10L to 1000L optional

Material: A3 carbon steel, SUS304

Features: Double-speed motor, high-speed mixing, pneumatic opening and discharging.

Advantages: high mixing uniformity

Can add frequency conversion speed control function.



Product Name: High Speed Drying Mixer

Double-layer heat preservation device, self-friction heat-generating drying, high-speed stirring, suitable for coloring, mixing and drying of plastic particles.

Model: 50KG, 100KG, 200KG

Material: The contact surface with the material is made of stainless steel.

Speed: 480rpm

Features: timing control, temperature control



Product name: High-speed mixer

It is suitable for toner, paint, paint, diatom mud, diatomite, dry powder, ultra-fine powder, etc., with high mixing accuracy, can break up the color spots in the toner, and is easy to clean.

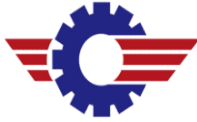
Specification: 5KG to 150KG

Material: The contact surface with the material is stainless steel

Output speed: 960/1440 rpm.

Features: The mixing tank, the main shaft and the upper cover are split type, which is convenient for cleaning and replacing materials of different colors.





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Product Name: Screw Feeder

It is suitable for the conveying of powder, granules and sheets, with fast conveying speed, large output, low electricity consumption and convenient operation. It will be used in various industries.

Delivery pipe diameter: DN114,133,141,159,168,219,273 or other.

Type: Round conveying pipe, U-shaped conveying pipe

Conveying height: 1 to 10 meters

Material: A3 carbon steel, 201, SUS304, 316L

It can be processed according to the actual needs of users.



Product name: Vacuum feeder

Dust-free airtight pipeline conveying equipment that relies on vacuum suction to convey granular and powdery materials.

Specification: 1.5KW to 11KW

Material: SUS304,316L

Filtration accuracy: 0.4 micron

Advantages: no dust on the material, exquisite appearance, fine polishing inside and outside, easy to clean.

Others: laboratory use pneumatic feeder, powder suction machine plus lifting device, etc.



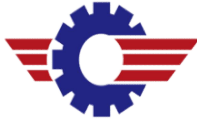
Product name: Dust-free feeding station

It is used for unpacking, placing, screening and unloading small bags of materials in the food, pharmaceutical, chemical, and metallurgical industries. It is easy to clean, and has a sanitary standard design. It is connected with a positive pressure/negative pressure suction machine to supply materials for the production line.

Material: SUS304,316L

Filtration accuracy: 0.5 micron





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Product name: 300G Suction machine

The suction machine is widely used in the transportation of raw materials for injection molding and can automatically feed the material to the injection molding machine.

Motor power: 1100W/7.5P/single-phase 220V

Conveying capacity: 300KG/H

Suitable for conveying new pellets.

Advantages: It adopts single-phase voltage and imported carbon brush high-speed motor, which is small in size and light in weight. It can be directly placed on dryers, injection molding machines or other raw material containers to complete automatic feeding.



Product name: Z-type bucket elevator

Suitable for the lifting of various particles, flakes, and irregular shapes such as candy, melon seeds, jelly, frozen food, dog food, pistachios, peanuts, nuts, raisins, large shell nuts, hardware, plastic rubber particles, etc. .

Conveying height: customized according to customer requirements

Shell material: 201/304/316L

Conveyor material: food grade ABS, 304/316L

Advantages: The whole machine is fully enclosed and dust-free lifting. At present, it is mostly used for the loading of weighing packaging machines, the three-dimensional cycle loading and unloading of automated production lines, and it can be equipped with multi-head scales and other equipment.



Product name: Bucket elevator

It is suitable for the lifting of various particles, flakes, and irregular shapes such as food, chemicals, hardware, plastic pellets and other materials.

Conveying height: customized design

Conveyor material: 201/304/316L

Advantages: movable bucket elevator, one elevator can be equipped with multiple packaging machines, currently it is mostly used for the loading of weighing packaging machines, and the three-dimensional cycle loading and unloading of automated production lines.





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Product Name: Powder Packaging Machine

It is suitable for packaging of 50-500 mesh dry powder without oil and water in food and chemical industry.

Packing specification: 20g-5000g

Packing speed: 10-25 bags/min

Accuracy error: $\pm 0.5-1\%$ (different depending on the material and weight)

Material: main shaft, screw, main hopper 304; transparent part is acrylic

Advantages: The computerized quantitative packaging machine is mainly composed of a host, a computer controller, and an electronic scale. The main machine adopts screw measurement and stepping motor to control the feeding. Accurate measurement accuracy, easy to clean the equipment, no blockage.



Product name: Powder packaging machine/conveyor belt/sewing machine

Suitable for all kinds of dry powder materials

Classification: single helix and double helix.

Packing specification: 5-50kg

Packing speed: 1-4 bags/min

Accuracy error: $\pm 0.2-0.5\%$ (depending on the material and weight)

Material: carbon steel/201/304

Conveyor belt: 2.5 meters (can be customized to lengthen)

Sewing machine: semi-automatic sealing/automatic sealing machine



Product Name: Granule Packing Machine/Conveyor Belt/Sewing Machine/Elevator

It is suitable for all kinds of mixed materials, briquettes, biological particles (refractory castables), granular materials (feed, quartz sand), organic fertilizers, powder particles, mixed materials, ice cubes, flakes (flake caustic soda, etc.) block materials and irregular Automatic quantitative packaging of materials/refractory materials.

Classification: bucket type, belt type (without bucket).

Packing specification: 5-50kg

Packing speed: 1-3 bags/min

Accuracy error: $\pm 0.3\%$ (different depending on the material and weight)





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<p>Material: carbon steel/201/304 Conveyor belt: 2.5 meters (can be customized to lengthen) Sewing machine: semi-automatic sealing/automatic sealing machine Hoist: According to the packaging materials</p>	
<p>Product Name: Electric Dispenser</p> <p>It is suitable for high-speed stirring, dissolution and dispersion of liquid and liquid-powder phase materials in coatings, dyes, inks, pigments, cosmetics, resins, adhesives, emulsions, petroleum, and other fields. Specification: 1.5KW/2.2KW/3KW/4KW Lifting method: electric Speed: 0-140 rpm adjustable Voltage: single-phase 220V/three-phase 380V Stirring volume: 50-300L (aqueous solution) Lifting height: 900MM (dispersion plate is off the ground) Features: High-speed stirring, dissolving and dispersing, the stirring speed can be adjusted at will; the lifting height can be adjusted at any height.</p>	
<p>Product Name: Mechanical Lifting Dispenser</p> <p>It is suitable for coatings, dyes, inks, pigments, cosmetics, resins, adhesives, emulsions, petroleum and other fields. Specification: 3KW-75KW Lifting method: mechanical lifting Speed: 0-140rpm adjustable; electromagnetic speed regulation/frequency conversion speed regulation Lifting height: 1350MM (dispersion plate is off the ground) Features: The mechanical lifting dispenser is mainly used for crushing, dispersing, emulsifying and mixing liquid raw materials with different viscosities. It is a new type of high-efficiency mixing equipment with high-speed operation of the upper and lower teeth of the dispersing plate to carry out high-speed and strong shearing of the materials. Impact, crush, and disperse to achieve the functions of rapid mixing, dissolution, dispersion and refinement.</p>	



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Product Name: Hydraulic Lifting Dispenser

It is suitable for coatings, dyes, inks, pigments, cosmetics, resins, adhesives, emulsions, petroleum and other fields.

Specification: 3KW-132KW

Lifting method: hydraulic lifting

Speed: 0-140 rpm adjustable; frequency conversion speed regulation

Voltage: Three 380V

Lifting height: 1350MM (dispersion plate is off the ground)

Features: The medium speed of the hydraulic lifting dispenser is used for stirring and dissolving, and the high speed is used for dispersing and homogenizing. Under the action of the high-speed rotation of the blades, the material is violently turned up and down in the container, colliding and shearing with the blades, so that the aggregate destruction can achieve rapid dispersion, homogeneous mixing, and speed up dissolution.



Product name: Single layer mixing tank

It is suitable for food, chemical, pharmaceutical, paint, paint, resin, building materials, resin, agriculture, scientific research and other industries.

The mixing tank is customized according to customer requirements

Common specifications: 50-10000L

Motor reducer: ordinary/explosion-proof; cycloid needle/worm gear

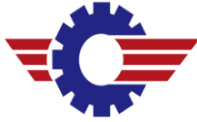
Mixing method: low speed, medium speed, high speed

Structural form: flat top and bottom oblique bottom, top flat and bottom cone, top and bottom heads, etc.

Material: carbon steel, 201, 304, 316L

Advantages: The structure of the mixing tank is simple and easy to clean, and the material and structure can be customized according to the actual requirements of customers.





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Product name: Reaction kettle

It is suitable for food, chemical, pharmaceutical, paint, resin, building materials, resin, agriculture, scientific research and other industries.

The material, structure, heating method, etc. of the reactor can be customized according to the actual requirements of customers.

Common specifications: 50-10000L

Motor reducer: ordinary/explosion-proof; cycloid needle/worm gear

Mixing method: low speed, medium speed, high speed

Structural form: flat top and bottom oblique bottom, top flat and bottom cone, top and bottom heads, etc.

Material: 304, 316L

Heating form: electric heating, steam heating

Inside the kettle: normal pressure, vacuum negative pressure



Product name: Jacketed pot

It is suitable for food processing such as candy, pharmacy, dairy products, wine, cakes, beverages, preserves, canned food, etc. It can also be used in large-scale restaurants or canteens to cook soup, stew, porridge, etc., as well as stew, sauce, stew, and salsa. Pull sauce, etc., used for food processing quality and shortening time.

The jacketed pot is customized according to customer requirements

Common specifications: 50-1000L

Motor reducer: cycloid needle/worm gear

Stirring method: wall scraping stirring, no stirring

Structure: tiltable, upright

Material: 304, 316L

Heating form: electric heating, steam heating, gas heating, gas heating





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Product name: Colloid mill

It is suitable for the grinding of fluid materials, such as: bean paste, jam, peanut butter, sesame paste, tomato sauce, chili sauce, butter drinks, pigments, lubricants, spices, dyes, emulsified asphalt, emulsified rubber, paint coatings, etc.

Common specifications: 50/65//80/100/120/140/180/260 model

Structure: horizontal, vertical

Material: carbon steel, 201, 304

Working principle: The grinding between the stator and the rotor running at high speed relies on the relative movement of two tooth-shaped surfaces, one of which rotates at a high speed at 3000 revolutions per minute, and the other is in a static state, so that the fluid passing between the tooth surfaces is subject to comparison. Large shear, friction and high-frequency vibration enable the fluid material to be ground, crushed, homogenized and other processes.



Product name: Horizontal sand mill

It is suitable for coating, printing and dyeing, paint, ink, photosensitive material, color paste, emulsion asphalt, pharmaceutical industry, magnetic powder, ferrite, photosensitive film, papermaking and some food industry, and chemical industry.

species:

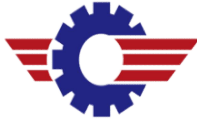
Common specifications: 120/30/50 models

Motor power: 18.5/22/30KW

Number of scattered disks: 6/7/7

Working principle: The machine for solid-liquid phase dispersion and grinding of powder and liquid materials is a device for fine grinding of fluid materials. It can be ground to 5-10 microns. The specifications are matched according to the flow rate. The design is compact and tight. The material is produced in a closed state, which effectively prevents the material from drying out and crusting and solvent volatilization.





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Product Name: Filling Machine/Capping Machine

It is suitable for filling materials such as food, medicine, chemical industry, daily chemical, detergent, dye, paint, ink, auxiliary agent, liquid medicine and so on.

Specification: 1-100kg

Speed: 7-10 bottles/min (good fluidity and sufficient pipe diameter)

Accuracy error: $\pm 3\%$ FS

Material: SUS304

Electric control: ordinary/explosion-proof

Capping machine: flat lid (plastic bucket) / flower basket lid (iron bucket) / screw cap (bottle)

Gland and unpowered rolling bed can be optional

Features: The structure of the equipment is simple and reasonable, the filling accuracy is high, the operation is simple, and the use is flexible. It has been used in filling production lines in various industries.



Product Name: Multi-head self-flow filling machine

It is suitable for low-viscosity liquids such as fruit drinks, antifreeze, glass water, soy sauce vinegar, condiments, wine, white wine, rice wine, olive oil, perilla oil, grape seed oil, various decoctions, liquid fertilizers, etc.

Intelligent quantitative filling.

Number of filling heads: 2/4/6 heads Range: 1-1000ml, 500-5000ml, 1000-10000

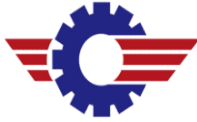
Speed: 200-800 bottles/hour

Accuracy error: $\leq 0.5\%$

Power supply voltage: default 220V/ can choose 380V

Features: The whole machine adopts electrical integration design, PLC program control system, high-precision filling, the machine is easy to operate, easy to clean and maintain; the installation of a conveyor line has a high degree of automation, improves work efficiency, and saves costs.





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Product Name: Single-head/Double-head filling machine

It is suitable for filling materials such as food, medicine, chemical industry, daily chemical, detergent, dye, paint, ink, auxiliary agent, liquid medicine and so on. Specification: 1-100kg

Speed: 7-10 bottles/min (good fluidity and sufficient pipe diameter)

Accuracy error: $\pm 3\%$ FS

Material: 304

Electric control: ordinary/explosion-proof Features: The structure of the equipment is simple and reasonable, the filling accuracy is high, the operation is simple, and it is flexible and easy to use. It is used in filling production lines in various industries.



Product Name: Pneumatic filling machine

It is suitable for the filling of liquid materials, viscous materials and paste materials such as food, medicine, chemical industry, daily chemicals, washing products, dyes, coatings, inks, auxiliaries, liquid medicines, etc. Specification: 500-5000ml

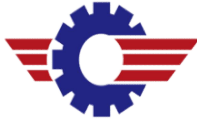
Speed: 20-60 bottles/min (depending on the material condition)

Accuracy error: $\leq \pm 0.5\%$

Material: 304 stainless steel, 30L hopper Power supply: 220V/50HZ

Features: The structure of the equipment is simple and reasonable, the pneumatic control system is easy to operate, easy to install and maintain, the pressure level is low, and the safety performance is good.





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Product Name: Vibrating screen/feeding machine

Suitable for food, medicine, chemicals, daily chemicals, abrasives, ceramics, mining, pigments, metallurgy, geology, electronics, etc.

Slurry, powder, and particles are classified and filtered.

Type: circular vibrating screen, ultrasonic vibrating screen, straight row screen

Specification:400/600/800/1000/1200/1500/1800MM

Material: carbon steel/304

Number of layers: 1 layer / 2 layers / 3 layers / 4 layers / 5 layers

Features: Granular or powder materials are sieved through a single-layer or multi-layer sieve surface with uniformly distributed holes, and are divided into several different levels for screening. The particles larger than the sieve hole remain on the sieve surface, which is called the oversieve, and the one smaller than the sieve hole that passes through the sieve is called under the sieve.

Screw feeder: It can feed the vibrating screen at a uniform speed.

(Optional equipment)



Product Name: Linear Screen/Reciprocating Screen

Suitable for food, medicine, chemicals, daily chemicals, abrasives, ceramics, mining, pigments, metallurgy, geology, electronics, etc.

Graded filtration for powder and granule production.

Specification: can be customized

Material: carbon steel/201/304

Number of layers: 1 layer / 2 layers / 3 layers / 4 layers / 5 layers

Screen: Woven mesh/punching plate Features: The linear screen uses a vibrating motor as the source of vibration, so that the material is thrown up on the screen while moving forward in a straight line. The material enters the inlet of the screen evenly from the feeder and passes through the single-layer or multi-layer screen. Several specifications of oversize and undersize are produced, and they are discharged from their respective outlets.





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Product Name: Crusher

Suitable for all kinds of plastic and rubber materials. For example: PET sheet, pipe material, sheet, rod, silk thread, film, waste rubber products, etc.

The crusher can be customized according to customer's requirements

Specifications: Model 400/500/600/640/700/800/1000

Tool material: six chromium silicon/SKD-11

Blade type: slice knife/flat knife/claw knife Screen aperture: 8/10/12/1

Features: The working principle of the plastic crusher is that, using the interaction between the movable knife and the fixed knife to break the material into granular shapes through cutting, impact, and extrusion.



Product Name: Three-foot centrifugal dehydrator

Suitable for chemicals, food, agriculture, plastics, electronics, metals, hotels, hostels, hospitals, guest houses, washing and dyeing industry, oil industry, sauce factories, wineries, pharmaceutical factories, and large and medium-sized industrial and mining enterprises, etc., for all kinds of powder and liquid Separate. The dehydrator can be customized according to customer's requirements

Specifications: Model 500/600/800/1000/1200MM, etc.

Carrying capacity: 25/45/80/130/220KG, etc.

Material of the liner : SUS201/304

The form of the liner: cone bottom / flat bottom / flat bottom discharge / hanging basket

Principle: Taking the centrifugal movement as the working principle, the inner tank rotates at high speed, and the water in the material moves centrifugal under the high-speed rotation, and the water is thrown out of the inner tank to achieve the purpose of dehydration.





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Product Name: Vertical dehydrator

Alias: Plastic Dewatering Machine/Plastic Spinning Machine/Vertical Spinning Machine

It is suitable for the dehydration and cleaning of plastic sheet and granular materials.

For example: PE, PP, PS, PA, PC, TR, EPS, ABS, PET, PVC, etc.

Specification: 5.5/7.5/11/15KW Material of inner tank: SUS201/304

Principle: Put the cleaned plastic sheets/particles into the feed hopper of the plastic dewatering machine. The material enters the dewatering bin under the screw action of the feeder; the material entering the dewatering bin is subjected to high-speed centrifugal movement under the action of the blades and moves along the screen at the same time upward gradually; the moisture in the material is thrown out of the dewatering machine screen by centrifugal force, and goes down under the action of gravity; the dried plastic is separated from the dewatering machine through the discharge port. .



Product Name: Hot air dehydrator

Suitable for metal industry, electronics industry, electromechanical industry, some food industry, textile industry, plastic industry, etc.;

For example: copper rice, aluminum slag, shredded wire, castings, stainless steel parts, screws and other hardware, plastic parts, electronic products, etc.

Specifications: Model 400/500

Carrying capacity: 35 / 70KG

Internal form: flat bottom (fixed) / liner can be lifted

Heating form: heating/not heating

Working principle: eccentric movement. The inner tank rotates at a high speed, and the water in the material moves centrifugal under the high-speed rotation, and the water is thrown out from the inner tank to achieve the purpose of dehydration and degreasing.





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Product Name: Flatbed Centrifuge

Suitable for chemical, food, light industry, pharmacy, hotels, beauty salons, etc.

The dehydrator can be customized according to customer's requirements

Specifications: 600/800/1000/1200/1250/1500 and other models Carrying capacity: 70/140/200/385/420 / 800KG

Material contact surface material: SUS201/304 / 316L

Structure: hanging bag type/closed type/upper discharge closed type Features: The base is a flat structure, which reduces the center of gravity of the machine, and requires less space for installation. The flat base can also be used as an operating platform, which is more convenient to operate; The machine is started by a frequency converter, stable, and the separation factor is adjustable; Non-contact optimal braking system; Anti-static belt drive; The structure of the body is airtight, and the seal material is silicone rubber or fluorine rubber, It can meet the requirements of airtight explosion-proof, suitable for toxic, flammable, and explosive applications.

