

National High-tech Enterprise
The "Small Giant" Key Enterprise of National Professional, Sophisticated, Distinctive, Innovative
National Intellectual Property Advantage Enterprise
Jiangxi Solid Preparation Manufacturing Equipment Industrial Design Center
Pharmaceutical Solid Preparation Equipment And Information System Supplier



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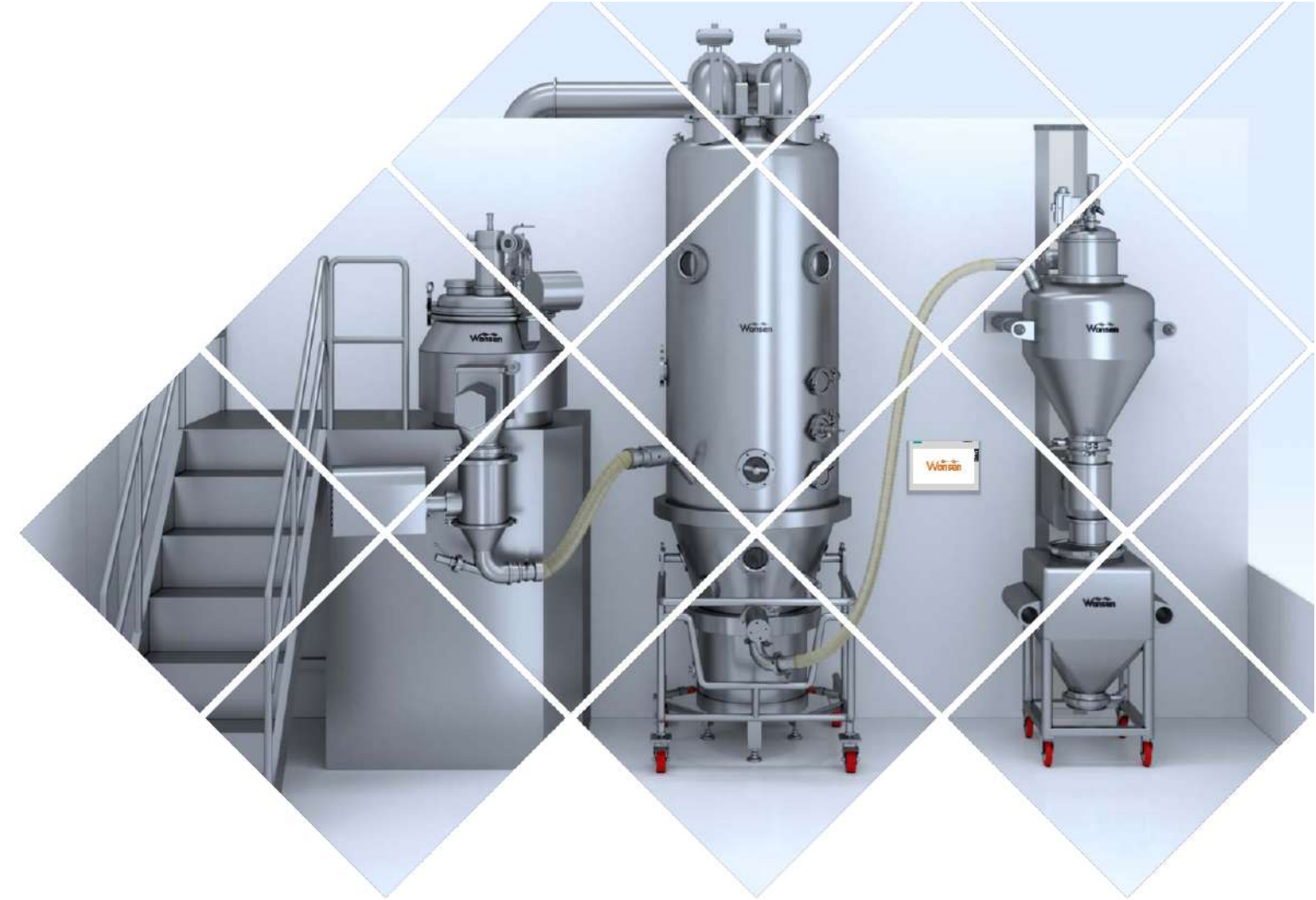
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WONSEN INTELLIGENT
Solid Preparation Equipment Solutions





Wonsen 万申智能

Modern industrial park

BRIEF INTRODUCTION

Wonsen, founded in september 2010, is a national high-tech enterprise and a small giant enterprise focusing on the research, development, manufacturing, sales and service of equipment and information system for pharmaceutical, food and other health industries, and provides global customers with tablets, capsules, granules, automated production lines and digital factory solutions. Our products have served more than 1,100 medium and high-end customers in China and exported to more than 40 countries and regions around the world.

Our company covers an area of 93,000 square meters, has an industry-leading industrial design center and digital test experience center built according to EU GMP standards, doctoral and master's degree led by more than 70 people in the technical research and development team, has undertaken more than 20 national key special projects and provincial major special projects and other scientific research projects, has been granted more than 180 patents. We also carry out production, learning and research cooperation with Zhejiang University, Hunan University, Jiangxi University of Traditional Chinese Medicine, Nanchang University, etc.

Wonsen implements lean production and digital management, adheres to the mission of "serving the human health industry", carries forward the spirit of "people-oriented, self-improvement, pragmatic innovation, and constantly transcend", and practices the concept of "integrity, dedication, pragmatism, and innovation", Pragmatism and Innovation", and is committed to building the company into an international first-class equipment group in the health industry.



Wonsen 万申智能

Experienced
Professional
Quality service
Best solution

OFFICE ENVIRONMENT

Wonsen offers employees a platform for creating wealth and happy life. Wonsen respects every employee and holds the concept that talents are the first wealth of our company. Oriented by performance, Wonsen helps employees realize self-value through fair and just competition. Wonsen has created a harmonious and friendly working atmosphere with humanistic enterprise management and sound corporate culture.





ENTERPRISE HONORS



Wanshen 万申智能

Sincerity constructs harmony and wins honors.



VERSATILE STAFF

Hard work pays off, and it is your diligence and dedication that have shaped Wonsen's success today. With youth and passion, we continue to create a brighter future.



INNOVATIVE TEAM

Innovation is the engine for survival and development of enterprise and is the base of corporate cultural spirit of Wonsen. Wonsen is always striving to build an innovative environment, introduce a competition system, enhance innovative conception and improve innovative ability of employees. Our enterprise pays much attention to information orientation, and applies new knowledge and advanced technology into updating product. The research and development ability has been increasingly enhanced, and Wonsen has been more vigorous with new products and technology emerging.



WORKSHOP

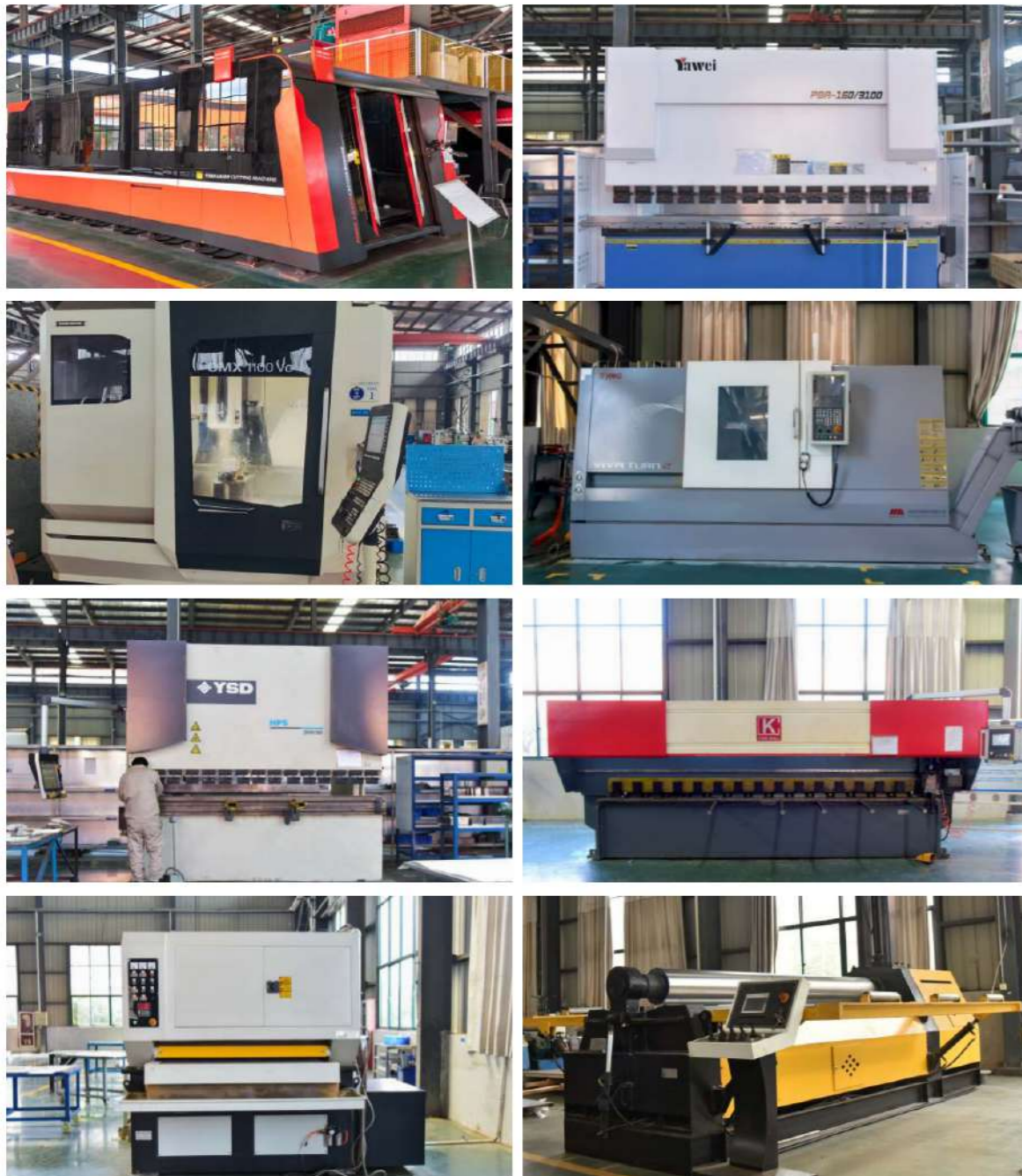
We rigorously follow on-site workshop management and 6S regulations, abide by safety production procedures, and constantly enhance production efficiency and product quality while ensuring the safety and well-being of our workers.

Lean management



PRODUCTION FACILITIES

The basis of market competition is inseparable from the improvement of equipment and facilities. In order to manufacture high quality products, Wonsen constantly introduces advanced high-precision production equipment from home and abroad, leading the development of industrial modernization.



We take product quality as the lifeline, adopt high-precision testing instruments and process quality monitoring, eliminate potential hidden dangers in every detail, and achieve zero defects in product delivery.abroad, leading the development of industrial modernization.

INSPECTION EQUIPMENT



Wonsen 万申器能
 Wonsen is your most trustworthy partner



CUSTOMERS

Faithful customers are the base for Wonsen to survive. "Being sincere, faithful, pioneering and enterprising" is the marketing concept that Wonsen always abides by, and it is our goal to seek for mutual progress with customers.

ENGINEERING CASES

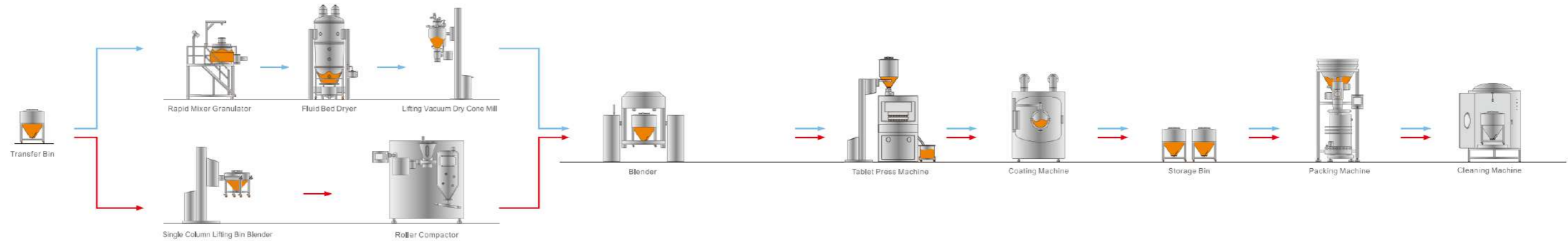
Wonsen has a skilled and experienced after-sales team, well-versed in theoretical knowledge and proficient in installation. With a proactive and enthusiastic approach, they offer comprehensive services, including installation, commissioning, training, and warranty support. Moreover, they assist clients in customizing and optimizing process parameters, catering to their diverse requirements.



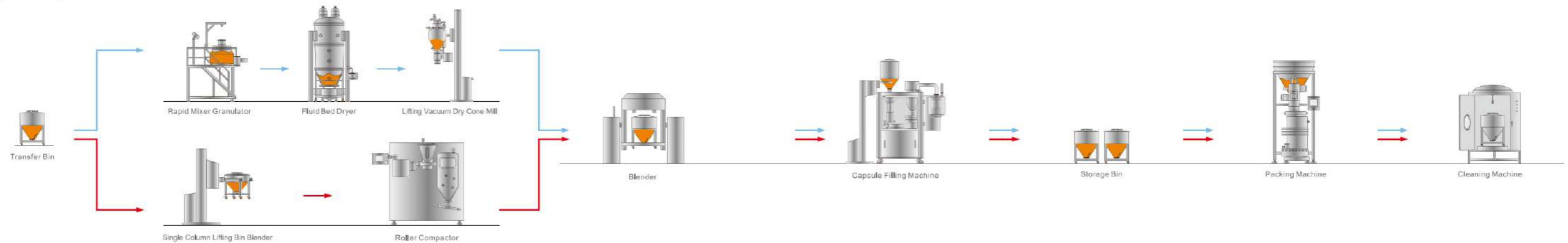
PROCESS FLOW CHART

Flexible, Efficient, and Personalized customization
Meeting diverse production needs of our customers.

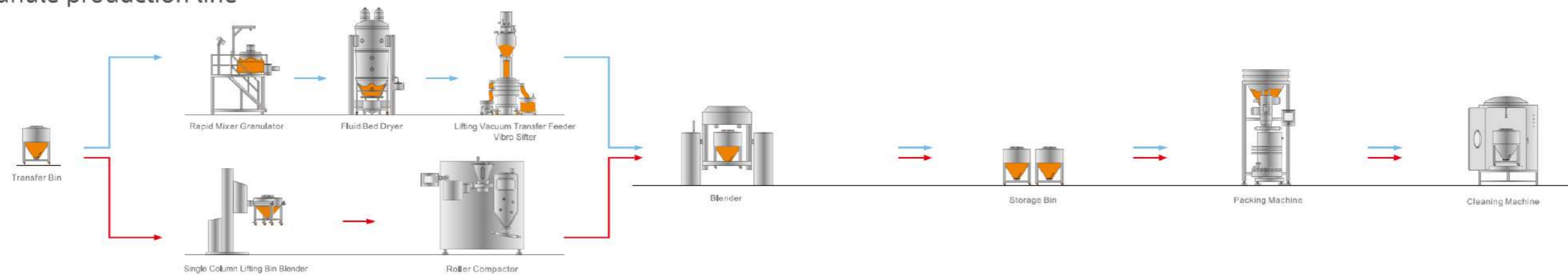
Tablet production line



Capsule production line



Granule production line



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Closed Granulation Line



YouTube QR Code

Application

The closed granulation line has the functions of granulating, drying and cone mill. It is mainly used for powder granulation in the pharmaceutical, food, chemical and other industries.

Features

- ▲ Wall mounted design, space saving
- ▲ Closed transferring, improving operation efficiency and reducing the risk of material exposure
- ▲ Can set for batch continuous automatic production, making the production process more in line with GMP requirements
- ▲ Process control and PAT
- ▲ CIP cleaning
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | 60 | 120 | 200 |
|--------------------------------|-------|-------|--------|--------|
| Production capacity (kg/batch) | | 15-60 | 50-120 | 90-200 |

Note: Our company can customize products according to user requirements.

High Shear Mixer Granulator



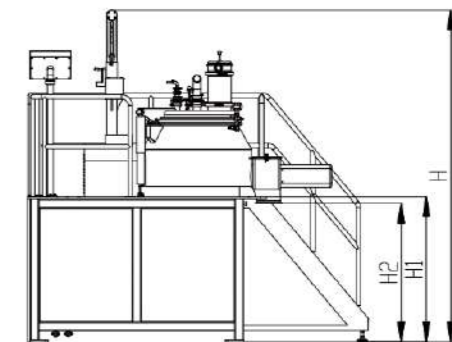
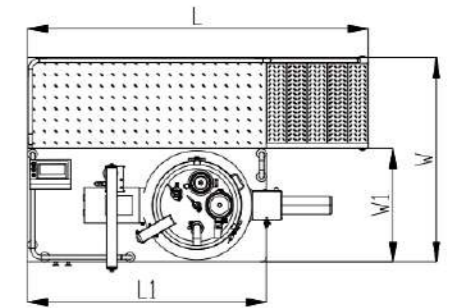
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Application

It has many functions such as mixing, granulating, wet cone mill, etc. It has been widely used in pharmaceutical, food, chemical industry, etc.

Features

- ▲ Higher working platform, better for connecting with FBD to discharge
- ▲ Compact structure
- ▲ Tangential impeller
- ▲ WIP system
- ▲ Good reproducibility
- ▲ Can connect with fluid bed dryer to form a fully closed granulating production line
- ▲ Fully meet FDA,CGMP,GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | SHLG-100 | SHLG-150 | SHLG-200 | SHLG-300 | SHLG-400 | SHLG-500 | SHLG-600 | SHLG-800 | SHLG-1000 |
|---|-------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Production capacity(kg/batch) | | 20-40 | 30-60 | 40-80 | 60-120 | 80-160 | 100-200 | 120-240 | 160-320 | 200-400 |
| Mixing motor power (kW) | | 11 | 15 | 22 | 30 | 30 | 37 | 45 | 55 | 55 |
| Mixing impeller rotation speed(rpm) | | 15-200 | 15-200 | 15-200 | 15-200 | 15-200 | 15-170 | 15-170 | 15-150 | 10-120 |
| Granulating motor power(kW) | | 4 | 5.5 | 5.5 | 7.5 | 7.5 | 7.5 | 7.5 | 11 | 11 |
| Granulating chopper speed (rpm) | | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 |
| Wet Co-mill power(kW) | | 2.2 | 2.2 | 3 | 4 | 4 | 5.5 | 5.5 | 5.5 | 5.5 |
| Wet Co-mill rotation speed(rpm) | | 300-900 | 300-900 | 300-900 | 300-900 | 300-900 | 300-900 | 300-900 | 300-900 | 300-900 |
| Compressed air consumption(m ³ /min) | | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 1 | 1 | 1 | 1 |
| Compressed air pressure (MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Weight(kg) | | 1200 | 1500 | 1800 | 2000 | 2200 | 2500 | 3000 | 3500 | 4000 |
| Dimensions (mm) | L | 2200 | 2365 | 2580 | 2580 | 2605 | 2780 | 2780 | 2980 | 3180 |
| | L1 | 1800 | 1800 | 2000 | 2000 | 2000 | 2200 | 2300 | 2500 | 2700 |
| | W | 2300 | 2400 | 2400 | 2600 | 2600 | 2800 | 2800 | 2900 | 3100 |
| | W1 | 1500 | 1600 | 1600 | 1800 | 1800 | 2000 | 2000 | 2100 | 2300 |
| | H | 2600 | 2600 | 3050 | 3050 | 3050 | 3050 | 3050 | 3250 | 3350 |
| | H2 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1600 | 1600 |

Note: Our company can customize products according to user requirements.

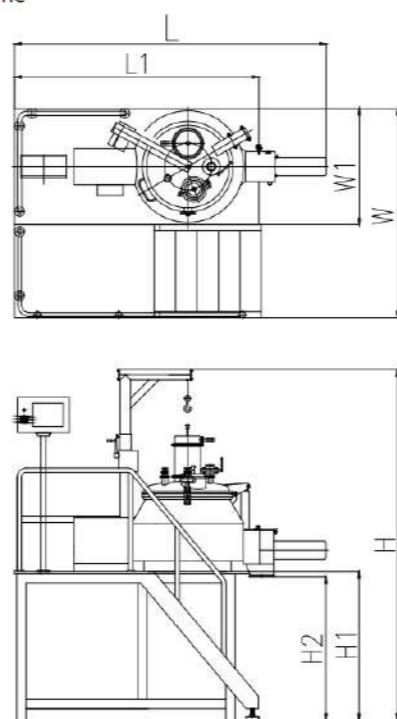
Rapid Mixer Granulator

Application

It has many functions such as mixing, granulating, etc. It has been widely used in pharmaceutical, food, chemical industry, etc.

Features

- ▲ Lower working platform, mainly suitable for lower room height
- ▲ Compact structure
- ▲ Tangential impeller
- ▲ WIP system
- ▲ Good reproducibility
- ▲ Can connect with fluid bed dryer to form a fully closed granulating production line
- ▲ Fully meet FDA,CGMP,GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | SHL-100 | SHL-150 | SHL-200 | SHL-300 | SHL-400 | SHL-500 | SHL-600 | SHL-800 |
|---|-------|----------|----------|----------|----------|----------|----------|----------|----------|
| Production capacity(kg/batch) | | 20-40 | 30-60 | 40-80 | 60-120 | 80-160 | 100-200 | 120-240 | 160-320 |
| Mixing motor power(kW) | | 11 | 15 | 22 | 30 | 30 | 37 | 45 | 55 |
| Mixing impeller rotation speed(rpm) | | 15-200 | 15-200 | 15-200 | 15-200 | 15-200 | 15-170 | 15-170 | 15-150 |
| Granulating motor power(kW) | | 4 | 5.5 | 5.5 | 7.5 | 7.5 | 7.5 | 7.5 | 11 |
| Granulating chopper speed(rpm) | | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 |
| Compressed air consumption(m ³ /min) | | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 1 | 1 | 1 |
| Compressed air pressure (MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Weight (kg) | | 1000 | 1300 | 1600 | 1800 | 2000 | 2200 | 2700 | 3200 |
| Dimensions (mm) | L | 2300 | 2465 | 2580 | 2680 | 2705 | 2880 | 2880 | 3080 |
| | L1 | 1900 | 1900 | 2000 | 2100 | 2100 | 2300 | 2400 | 2600 |
| | W | 1600 | 1600 | 1800 | 1800 | 2000 | 2150 | 2150 | 2200 |
| | W1 | 900 | 900 | 1000 | 1000 | 1200 | 1350 | 1350 | 1400 |
| | H | 2500 | 2550 | 2930 | 2930 | 2930 | 3050 | 3050 | 3250 |
| | H1 | 1050 | 1050 | 1280 | 1280 | 1280 | 1400 | 1400 | 1600 |
| | H2 | 1010 | 1010 | 1240 | 1240 | 1240 | 1370 | 1370 | 1570 |

Note: Our company can customize products according to user requirements.

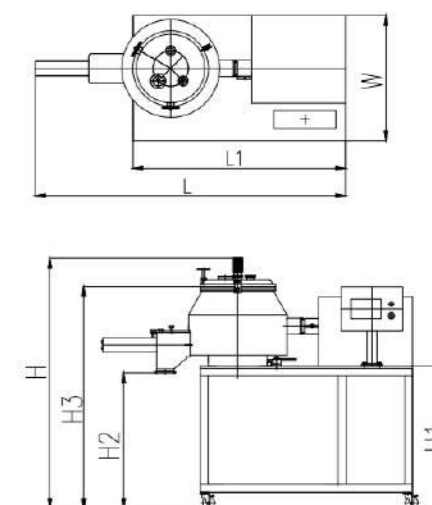
Lab Rapid Mixer Granulator

Application

The machine is mainly suitable for small batch granulation process in the R&D. The powder material and the binder are mixing at high speed by the mixing impeller inside the granulating pot, and then cutting into uniform wet granules by the side high speed chopper. The purpose of the granules is one of the process equipment commonly used in the production of solid preparations in the pharmaceutical industry, and is widely used in the pharmaceutical, food, chemical and other industries.

Features

- ▲ Movable with heavy duty wheels, with brake
- ▲ Compact structure and space saving
- ▲ Good reproducibility and safety interlocking system
- ▲ With interchangeable granulating pots for different capacity
- ▲ Can optionally with transparent glass pot lid for better viewing
- ▲ Fully meet FDA,CGMP,GMP
- ▲ Control system can optionally complying 21 CFR Part11 requirements



Technical Parameter

| Item | Model | SHLS-1 | SHLS-3 | SHLS-6 | SHLS-10 | SHLS-15 | SHLS-25 | SHLS-50 |
|---|-------|----------|----------|----------|----------|----------|----------|----------|
| Production capacity(kg/batch) | | 0.2-0.4 | 0.6-1.2 | 1.2-2.4 | 2-4 | 3-6 | 5-10 | 10-20 |
| Mixing motor power(kW) | | 1.1 | 1.1 | 1.1 | 1.5 | 4 | 4 | 4 |
| Mixing impeller rotation speed(rpm) | | 25-400 | 25-400 | 25-400 | 25-400 | 15-220 | 15-220 | 15-220 |
| Granulating motor power(kW) | | 0.75 | 0.75 | 0.75 | 1.1 | 2.2 | 2.2 | 2.2 |
| Granulating chopper speed(rpm) | | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 | 300-2800 |
| Compressed air consumption(m ³ /min) | | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 |
| Compressed air pressure(MPa) | | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 |
| Weight(kg) | | 220 | 250 | 270 | 300 | 400 | 430 | 450 |
| Dimensions (mm) | L | 1375 | 1400 | 1425 | 1450 | 1530 | 1580 | 1630 |
| | L1 | 1000 | 1000 | 1000 | 1000 | 1100 | 1100 | 1100 |
| | W | 700 | 700 | 700 | 700 | 750 | 750 | 750 |
| | H | 1100 | 1110 | 1120 | 1140 | 1250 | 1300 | 1600 |
| | H1 | 750 | 750 | 750 | 750 | 750 | 750 | 750 |
| | H2 | 730 | 730 | 730 | 730 | 720 | 720 | 720 |
| | H3 | 1015 | 1130 | 1140 | 1175 | 1185 | 1220 | 1250 |

Note: Our company can customize products according to user requirements.

Fluid Bed Granulator



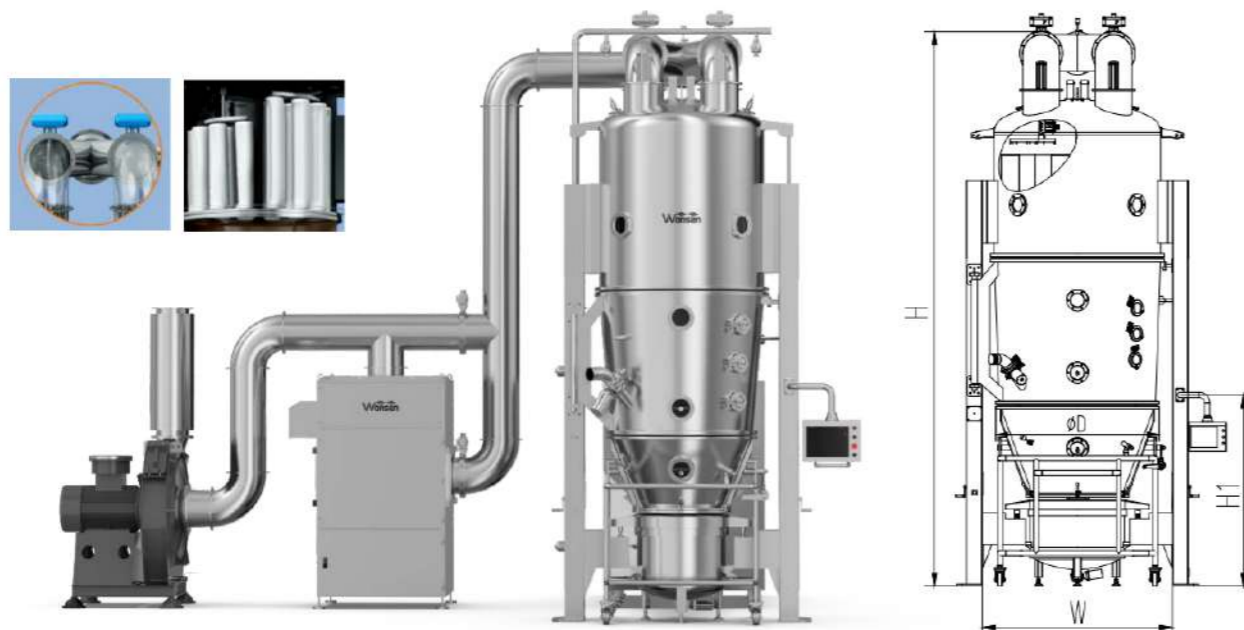
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Application

The machine is a process machine widely applied for solid preparation production in the pharmaceutical industry. It has mixing, drying, granulating functions. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲ With top spraying system for granulation
- ▲ Two heating modes alternative, such as electric heating or steam heating
- ▲ PID precision control
- ▲ High processing efficiency, with closed online sampling
- ▲ Ex-proof system/anti-10 or 12 bar/final dedusting system/dehumidifier system are available
- ▲ WIP system/PAT are available
- ▲ Fully meet FDA, CGMP, GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | FL-15 | FL-30 | FL-60 | FL-120 | FL-200 | FL-300 | FL-500 |
|---|-------|---------|---------|---------|---------|---------|---------|---------|
| Material chamber volume(L) | | 45 | 100 | 220 | 330 | 577 | 980 | 1530 |
| Production capacity(kg/batch) | | 5-15 | 15-30 | 30-60 | 60-120 | 120-200 | 200-300 | 300-500 |
| Fan power(kW) | | 7.5 | 11 | 18.5/22 | 22/30 | 30/37 | 37/45 | 75 |
| Electric heating power(kW) | | 30 | 30 | 30 | 45 | 80 | 90 | 120 |
| Steam pressure (MPa) | | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 |
| Steam consumption (kg/h) | | 144 | 144 | 245 | 287 | 328 | 410 | 533 |
| Compressed air pressure (MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Compressed air consumption(m ³ /min) | | 0.4 | 0.9 | 0.9 | 1.0 | 1.0 | 1.5 | 1.8 |
| Weight (kg) | | 800 | 1000 | 1200 | 1400 | 2000 | 2500 | 3500 |
| Dimensions (mm) | H | 3114 | 3234 | 4154 | 4708 | 4840 | 5365 | 6000 |
| | H1 | 1850 | 1850 | 1850 | 1850 | 1850 | 1850 | 1850 |
| | ΦD | 578 | 772 | 1022 | 1024 | 1378 | 1580 | 1868 |
| | W | 984 | 984 | 1340 | 1540 | 1540 | 1840 | 2240 |

Note: Our company can customize products according to user requirements.

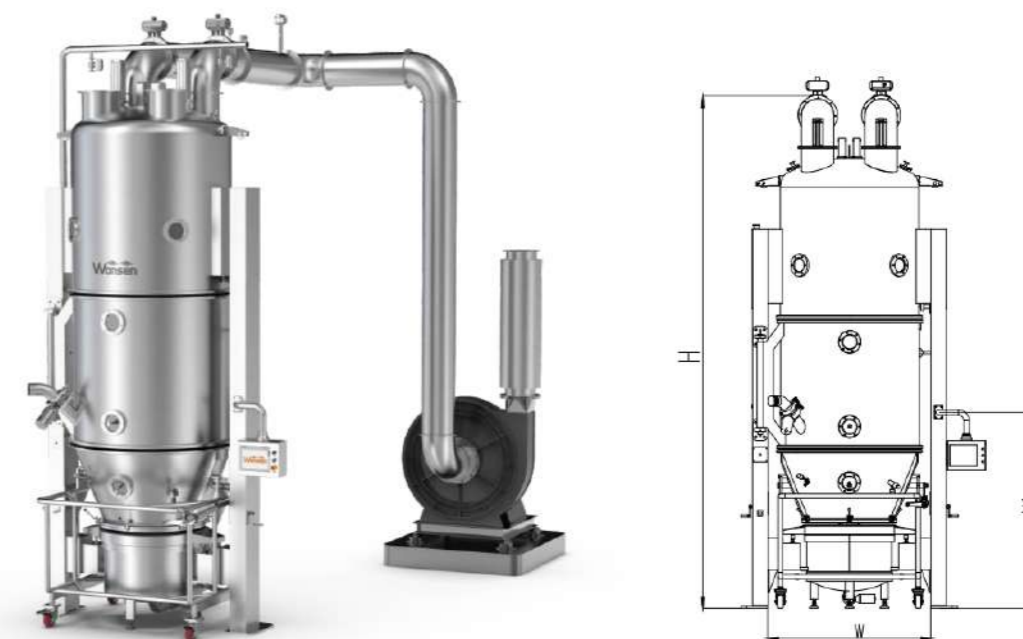
Fluid Bed Dryer

Application

The machine is a process machine widely applied for solid preparation production in the pharmaceutical industry. It has mixing and drying functions. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲ Two heating modes alternative, such as electric heating or steam heating
- ▲ PID precision control
- ▲ High processing efficiency, with closed online sampling
- ▲ Ex-proof system/anti-10 or 12 bar/final dedusting system/dehumidifier system are available
- ▲ WIP system/PAT are available
- ▲ Fully meet FDA, CGMP, GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | FG-15 | FG-30 | FG-60 | FG-120 | FG-200 | FG-300 | FG-500 |
|---|-------|---------|---------|---------|---------|---------|---------|---------|
| Material chamber volume(L) | | 45 | 100 | 220 | 330 | 577 | 980 | 1530 |
| Production capacity (kg/batch) | | 5-15 | 15-30 | 30-60 | 60-120 | 120-200 | 200-300 | 300-500 |
| Fan power(kW) | | 7.5 | 11 | 18.5/22 | 22/30 | 30/37 | 37/45 | 75 |
| Electric heating power(kW) | | 30 | 30 | 30 | 45 | 80 | 90 | 120 |
| Steam pressure (MPa) | | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 |
| Steam consumption (kg/h) | | 144 | 144 | 245 | 287 | 328 | 410 | 533 |
| Compressed air pressure (MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Compressed air consumption(m ³ /min) | | 0.4 | 0.9 | 0.9 | 1.0 | 1.0 | 1.5 | 1.8 |
| Weight(kg) | | 800 | 1000 | 1200 | 1400 | 2000 | 2500 | 3500 |
| Dimensions (mm) | H | 3114 | 3234 | 4154 | 4708 | 4840 | 5365 | 6000 |
| | H1 | 1850 | 1850 | 1850 | 1850 | 1850 | 1850 | 1850 |
| | ΦD | 578 | 772 | 1022 | 1024 | 1378 | 1580 | 1868 |
| | W | 984 | 984 | 1340 | 1540 | 1540 | 1840 | 2240 |

Note: Our company can customize products according to user requirements.

Multifunctional Fluid Bed Granulator



YouTube QR Code

Application

The machine is a process machine widely applied for solid preparation production in the pharmaceutical industry. It has mixing, drying, top granulating and bottom coating functions. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲ With top spray for granulating and bottom spray for pellet coating
- ▲ Two heating modes alternative, such as electric heating or steam heating
- ▲ PID precision control
- ▲ High processing efficiency, with closed online sampling
- ▲ Ex-proof system/anti-10 or 12 bar/final dedusting system/dehumidifier system are available
- ▲ WIP system/PAT are available
- ▲ Fully meet FDA, CGMP, GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

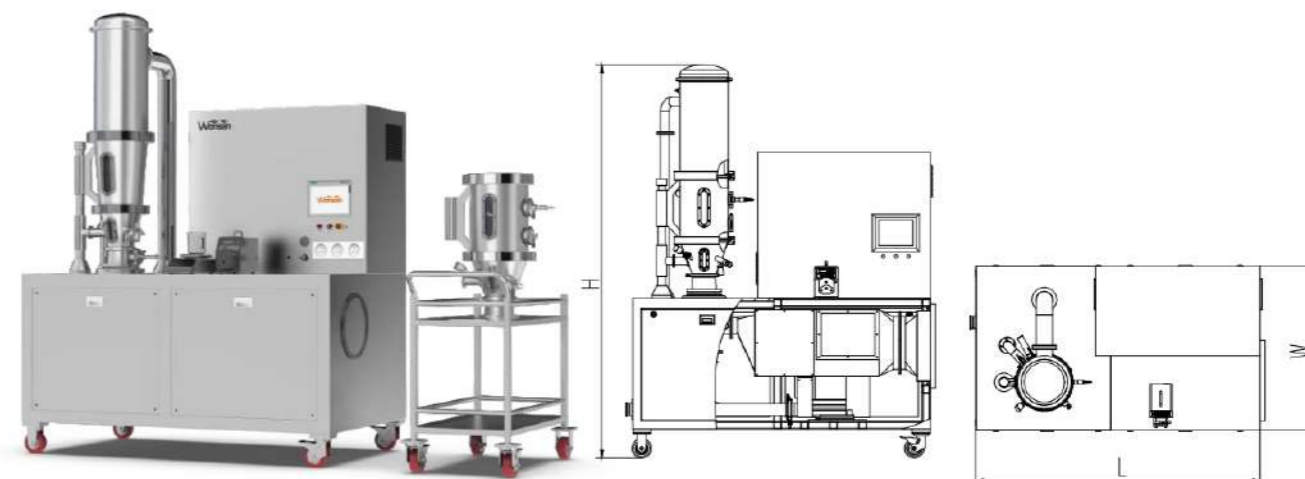
| Item | Model | DPL-30 | DPL-60 | DPL-120 | DPL-200 | DPL-300 |
|---|--------------|---------|---------|---------|---------|---------|
| Chamber volume (L) | Bottom spray | 80 | 150 | 330 | 417 | 760 |
| | Top spray | 100 | 220 | 330 | 577 | 980 |
| Production capacity (kg/batch) | Bottom spray | 15-20 | 15-30 | 30-60 | 60-100 | 100-190 |
| | Top spray | 15-30 | 30-60 | 60-120 | 120-200 | 200-300 |
| Fan power(kW) | | 11 | 18.5/22 | 22/30 | 30/37 | 37/45 |
| Electric heating power(kW) | | 30 | 30 | 45 | 80 | 90 |
| Steam pressure (MPa) | | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 |
| Steam consumption (kg/h) | | 144 | 245 | 287 | 328 | 410 |
| Compressed air pressure(MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Compressed air consumption(m ³ /min) | | 0.6 | 0.9 | 1 | 1 | 1.5 |
| Main machine weight(kg) | | 1200 | 1600 | 1800 | 2300 | 2500 |
| Dimensions (mm) | H | 3374 | 4353 | 4908 | 5040 | 5865 |
| | ΦD | 772 | 1022 | 1024 | 1378 | 1580 |
| | W | 984 | 1340 | 1540 | 1540 | 1840 |

Note: Our company can customize products according to user requirements.

Lab Multifunctional Fluid Bed Granulator

Application

It has many functions such as mixing, drying, top spraying granulation, bottom spraying coating, etc. It has been widely used in pharmaceutical, food, chemical industry, etc.



Technical Parameter

| Item | Model | DPLS-1 | DPLS-3 | DPLS-5 |
|--|---------------------------------------|------------------------|--------|--------|
| Chamber volume(L) | Top spray | 3 | 9 | 16 |
| | Bottom spray | 3 | 9 | 14 |
| Production capacity (kg/batch) | Top spray | 0.3-1 | 1-3 | 3-5 |
| | Bottom spray | 0.3-0.75 | 1-2 | 1-3 |
| Compressed air | Pressure(MPa) | 0.4-0.6 | | |
| | Air consumption (m ³ /min) | 0.15 | 0.3 | 0.3 |
| Electric heating power(kW) | | 4 | 9 | 12 |
| Hot air temperature adjusting range (°C) | | normal temperature~120 | | |
| Hot air filtering precision | | HEPA | | |
| Fan power(kW) | | 2.2 | 5.5 | 7.5 |
| Dimensions (mm) | W | 855 | 1100 | 1200 |
| | H | 2375 | 2510 | 2825 |
| | L | 1600 | 1900 | 2100 |
| | ΦD | 256 | 300 | 400 |
| Referenced weight (kg) | | 700 | 800 | 850 |

Note: Our company can customize products according to user requirements.

Lifting Turnover Dry Cone Mill

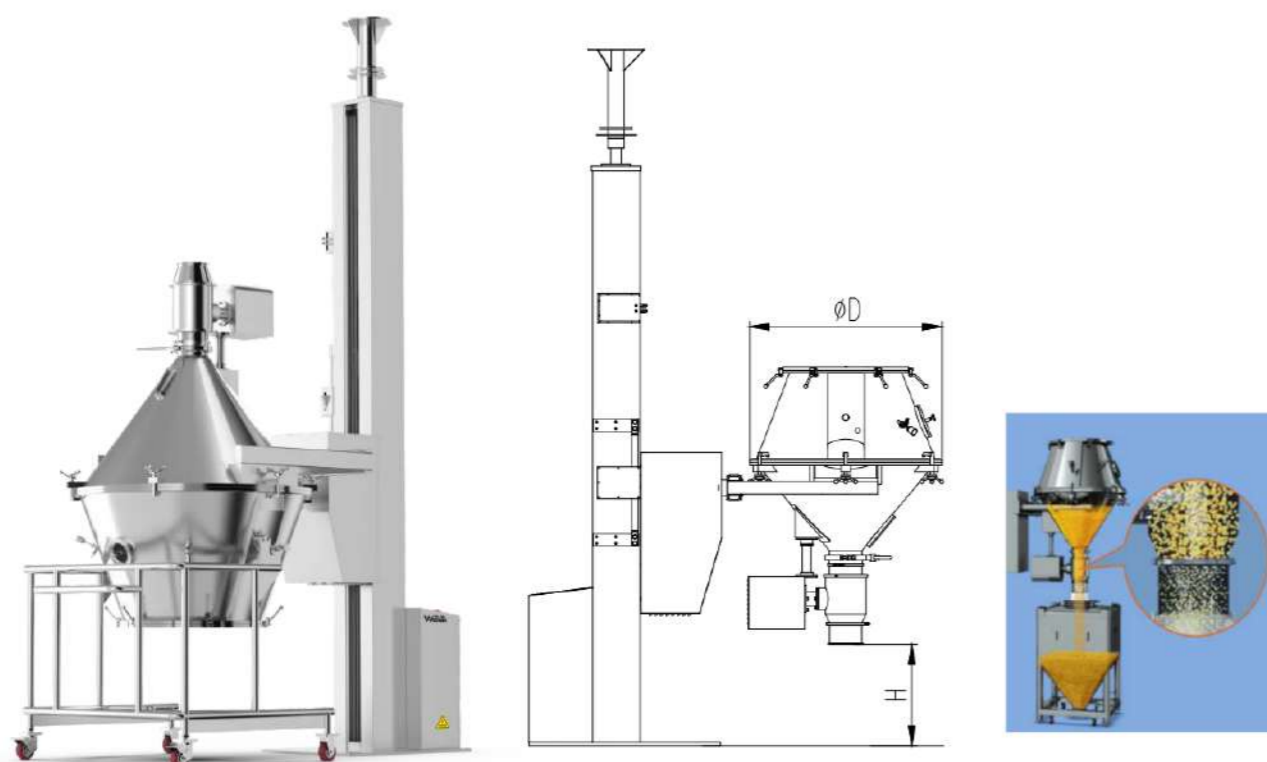


Application

The machine is mainly used for dry cone milling, transferring, discharging solid materials, can be matched with FBG or FBD bowls. It has been widely used in pharmaceutical, food and chemical industry.

Features

- ▲ Labor saving and efficient process flow
- ▲ Less material loss and minimum damage to granules
- ▲ Can be connecting with FBD bowl and transferring and discharging automatically
- ▲ On-line cone mill solution
- ▲ Hermetical gravity discharging solution at various height by lifting system
- ▲ Button panel control



Technical Parameter

| Item | Model | JTZ-60 | JTZ-120 | JTZ-200 | JTZ-300 | JTZ-500 |
|----------------------------------|----------|--|---------|---------|---------|---------|
| Net load(kg) | | 60 | 120 | 200 | 300 | 500 |
| Lifting motor power (kW) | | 3 | 3 | 3 | 3 | 3 |
| Turning rotation motor power(kW) | | 0.75 | 0.75 | 1.1 | 1.1 | 1.1 |
| Milling motor power(kW) | | 3 | 3 | 3 | 3 | 4 |
| Dry screen size(mm) | | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 |
| Capacity (kg/h) | | 450 | 450 | 450 | 450 | 700 |
| Weight (kg) | | 900 | 1000 | 1100 | 1200 | 1600 |
| Dimensions (mm) | ϕD | 1022 | 1204 | 1378 | 1580 | 1700 |
| | H | Designed according to process requirements | | | | |

Note: Our company can customize products according to user requirements.

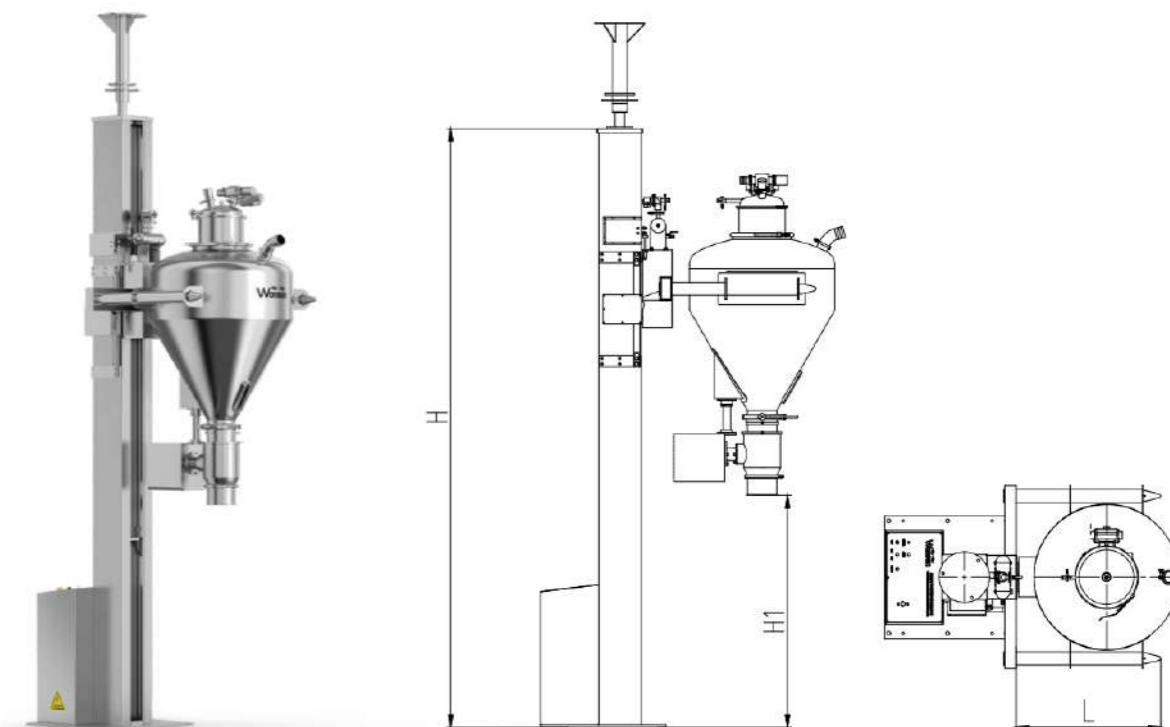
Lifting Vacuum Dry Cone Mill

Application

The machine is mainly used for vacuum conveying, dry cone milling, discharging solid materials. It has been widely used in pharmaceutical, food and chemical industry.

Features

- ▲ Labor saving and efficient process flow
- ▲ Dust free and no cross contamination
- ▲ Integrated with vacuum conveyer
- ▲ Can be closed vacuum connecting with FBD and transferring and discharging automatically
- ▲ On-line milling solution
- ▲ Hermetical gravity discharging solution at various height by lifting system
- ▲ HMI and PLC auto control



Technical Parameter

| Item | Model | ZLZ-100 | ZLZ-200 | ZLZ-300 | ZLZ-400 | ZLZ-500 | ZLZ-700 | ZLZ-1000 |
|--------------------------|-------|---|---------|---------|---------|---------|---------|----------|
| Lifting motor power (kW) | | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Milling motor power(kW) | | 1.1 | 3 | 3 | 3 | 3 | 4 | 4 |
| Dry screen size(mm) | | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 |
| Capacity (kg/h) | | 100 | 450 | 450 | 450 | 450 | 700 | 700 |
| Dimensions (mm) | H | Designed according to user requirements | | | | | | |
| | H1 | | | | | | | |
| | L | | | | | | | |

Note: Our company can customize products according to user requirements.

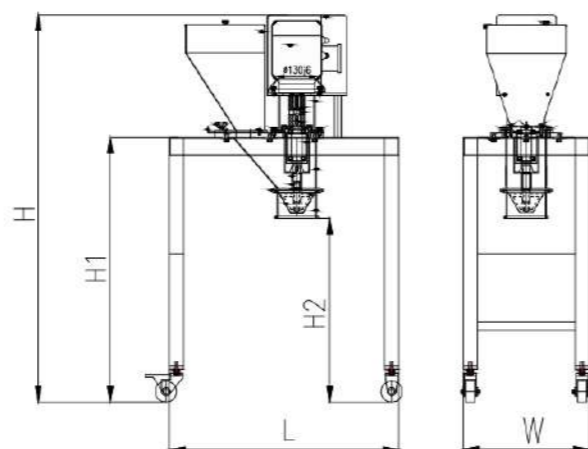
Grinding Dry Cone Mill

Application

The machine is mainly used for dry cone milling solid materials. It has been widely used in pharmaceutical, food and chemical industry.

Features

- ▲ Labor saving and efficient process flow
- ▲ Easy control of granule size
- ▲ Easy to clean and no overheating of materials
- ▲ Little dust and low noise
- ▲ High efficiency and energy saving
- ▲ Moveable design



Technical Parameter

| Item | Model | FZM-100 | FZM-300 | FZM-450 | FZM-700 | FZM-1000 |
|------------------|-------|---------|---------|---------|---------|----------|
| Motor power (kW) | | 1.5 | 2.2 | 3 | 4 | 5.5 |
| Screen size(mm) | | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 | d0.6-3 |
| Capacity(kg/h) | | 100 | 300 | 450 | 700 | 1000 |
| Dimensions (mm) | H | 1370 | 1410 | 1450 | 1650 | 1720 |
| | H1 | 937 | 897 | 954 | 1104 | 1254 |
| | H2 | 650 | 650 | 650 | 700 | 700 |
| | L | 810 | 810 | 920 | 1000 | 1100 |
| | W | 445 | 445 | 445 | 600 | 600 |

Note: Our company can customize products according to user requirements.

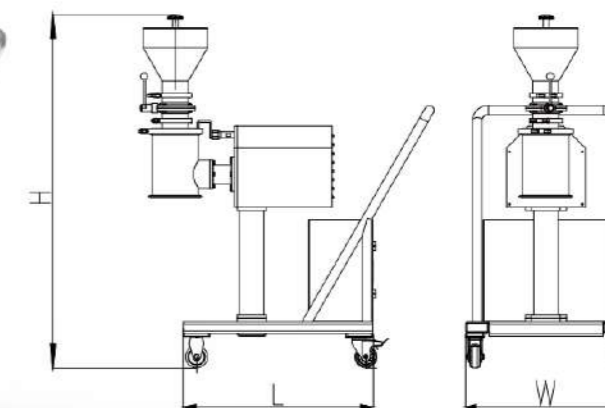
Moveable Multi-mill

Application

The machine uses the high-speed relative movement between the rotor and the screen to quickly mill the lump-shaped materials under the rollers and pass through the sieve holes to form granules. The finished granules are discharged instantaneously. The frequency conversion speed regulation is adopted, and the spindle speed is adjustable. The range is wide, the lower drive is adopted, and the feeding is smooth. It can be used with high shear mixer granulator and fluid bed dryer respectively.

Features

- ▲ Optional with lifting device for ±100mm to connect with high shear mixer granulator
- ▲ Available for both wet and dry cone mill
- ▲ It can be equipped with a quantitative feeding mechanism to improve the consistency of granule size
- ▲ The opening of the screen hole is as small as $\phi 0.4\text{mm}$, the opening rate is high, and there is no dead corner
- ▲ The cone mill granule size is fine, and the material passing rate is high
- ▲ Effectively reduce the occurrence of material heating and is easy to clean
- ▲ With movable wheels with brake



Technical Parameter

| Item | Model | ZLJ-125 | ZLJ-150 | ZLJ-200 | ZLJ-250 | ZLJ-270 |
|----------------------------|-------|---------------|---------------|---------------|---------------|---------------|
| Production capacity (kg/h) | | ≤250 | 200-500 | 500-1500 | 1500-2500 | 1500-3000 |
| Motor power(kW) | | 1.5 | 2.2 | 4 | 4 | 4 |
| Max rotation speed(rpm) | | 2000 | 1450 | 960 | 960 | 960 |
| Total power(kW) | | 1.5 | 2.2 | 4 | 4 | 4 |
| Dimensions(mm) | | 1150*450*1500 | 1250*650*1600 | 1600*700*1600 | 1600*700*1600 | 1600*700*1600 |
| Weight(kg) | | 150±5 | 220±5 | 270±5 | 300±5 | 320±5 |

Note: Our company can customize products according to user requirements, Production capacity is calculated based on 10*10mm screen.

Roller Compactor



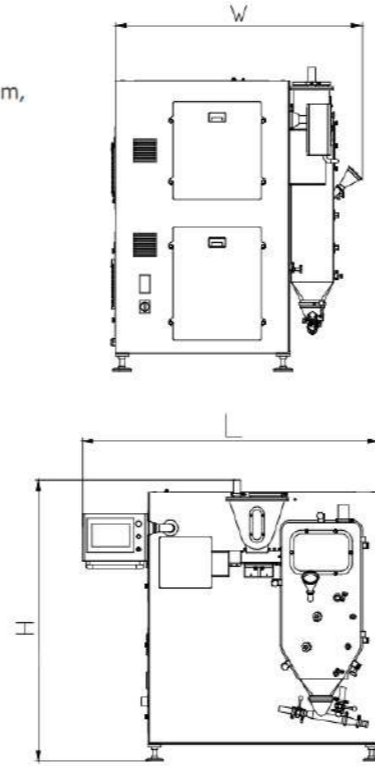
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Application

Roller compactor adopts continuous loading and discharging, integrates the compacting, cutting and granulating mill functions, directly makes powder into granules. It is especially suitable for granulation of materials which are thermo-sensitive and humidity sensitive, easily broken down or agglomerated. It has been widely used in pharmaceutical, food, chemical and other industries. In the pharmaceutical industry, granules made by the roller compactor can be directly pressed into tablets or filled into capsules.

Features

- ▲ 3 functions in one unit: compacting, cutting, granulating mill
- ▲ Simplified process to obtain highly stable granules. No water or other liquid is added and no need drying, so the loss of active ingredients due to decomposition can be eliminated
- ▲ Rollers with a water circulating cooling system
- ▲ Rollers available with different types: smooth, anilox, curl
- ▲ Overall modular design, compact structure, better space utilization
- ▲ The power area is separated from the work area to prevent cross contamination
- ▲ Horizontal screw feeding structure, exposed installation of compacting roller system, easy to clean&maintain
- ▲ With vacuum air exhaust for feeding system
- ▲ Fully meet GMP requirements
- ▲ Control system complying 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | LG-15 | LG-30 | LG-60 | LG-100 | LG-200 | LG-300 |
|-----------------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Max Capacity (kg/h)-lactose | | 15 | 30 | 60 | 100 | 200 | 300 |
| Total Power (kW) | | 3 | 3.5 | 11.5 | 13 | 16.5 | 27 |
| Roller Max Pressure (kN/cm) | | 25 | 25 | 25 | 30 | 30 | 30 |
| Roller Gap (mm) | | 0.2-4.0 | 0.2-4.0 | 0.2-4.0 | 0.2-4.0 | 0.2-4.0 | 0.2-4.0 |
| Roller Speed (rpm) | | 0-23 | 0-25 | 0-20 | 0-20 | 0-25 | 0-22 |
| Screw Speed (rpm) | | 0-140 | 0-140 | 0-140 | 0-140 | 0-198 | 0-140 |
| Granulation speed (rpm) | | 0-140 | 0-140 | 0-140 | 0-140 | 0-140 | 0-140 |
| Weight (kg) | | 800 | 1000 | 2200 | 2300 | 3200 | 5000 |
| Dimensions L*W*H (mm) | | 1050*1250*1650 | 1200*1500*1700 | 1580*1100*1600 | 1580*1100*1800 | 1800*1500*2250 | 2000*3800*3300 |

Note: Production capacity is based on material density, fluidity and compressibility. This product can be customized according to user requirements.

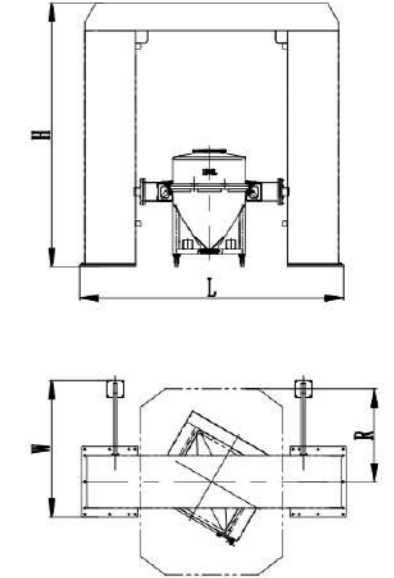
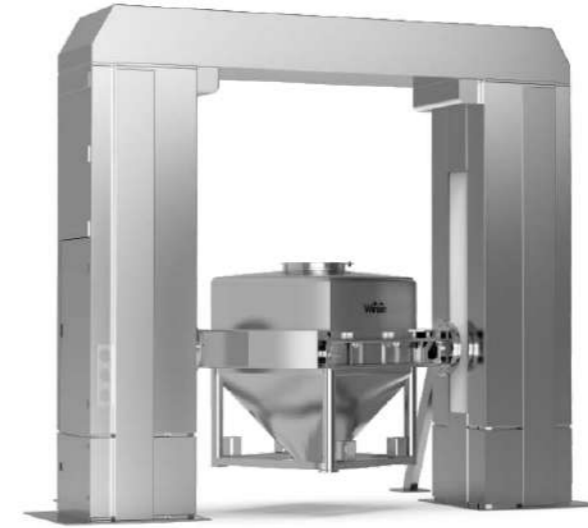
Gantry Type Lifting Bin Blender

Application

This equipment is mainly used in the material mixing process of the solid preparation production process in the pharmaceutical industry, and can be applied in industries such as pharmaceuticals, food, and chemical engineering.

Features

- ▲ Double column structure for more stable equipment operation
- ▲ Equipped with mixing and discharging positions, can achieve secondary lifting, one machine can be used for multiple purposes, meet the requirements for discharging at different heights
- ▲ Hydraulic clamping, with automatic pressure maintaining function, reliable clamping
- ▲ Compatible with smaller mixing bins of different specification
- ▲ Meet GMP requirements Adopt HMI and PLC, auto control system, can optionally comply 21 CFR Part 11 requirement



Technical Parameter

| Item | Model | LHLT-1000 | LHLT-1200 | LHLT-1500 | LHLT-2000 |
|-------------------------|-------|-----------|-----------|-----------|-----------|
| Bin volume(L) | | 1000 | 1200 | 1500 | 2000 |
| Max loading capacity(L) | | 800 | 960 | 1200 | 1600 |
| Max loading weight(kg) | | 500 | 600 | 750 | 1000 |
| Rotation speed(rpm) | | 3-13 | 3-13 | 3-13 | 3-13 |
| Total power (kW) | | 11.25 | 11.25 | 11.25 | 14.75 |
| Weight (kg) | | 4400 | 4600 | 4800 | 5000 |
| Dimensions (mm) | L | 4310 | 4310 | 4310 | 4310 |
| | W | 2290 | 2290 | 2290 | 2290 |
| | H | 3700 | 3800 | 4000 | 4400 |
| | R | 1380 | 1440 | 1590 | 1720 |

Note: Our company can customize products according to user requirements.

Automatic Lifting Bin Blender



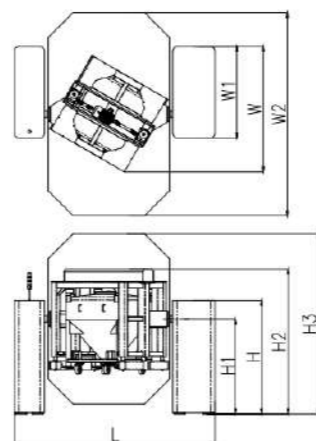
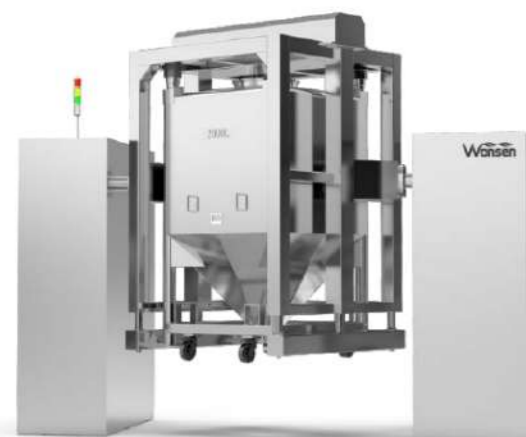
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Application

The machine is provided with such functions as automatic lifting, mixing, positioning, etc. One bin blender can be with interchangeable mixing bins of different specifications, it can meet the mixing requirements of different batches and diversified varieties of products. It is an ideal machine for mixing in pharmaceutical plants. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲ Reasonable structure, stable performance, convenient operation, no need corners, and no exposed bolts
- ▲ One machine can be equipped with interchangeable mixing bins of different volume for various capacity
- ▲ The rotating bin body symmetry plane is at an angle of 30° to the rotation axis. The material inside bin rotating along with the bin body to make tangential movement along the bin walls, producing strong turning and high-speed tangential movement and achieving the best mixing effect
- ▲ Equipped with the infrared safety device and discharging butterfly valve with misoperation preventer to ensure safe production
- ▲ Equipped with multiple safety interlocking mechanisms
- ▲ Effectively controlling dust pollution, without cross contamination, controlling material layering, optimized production processes
- ▲ Meet GMP requirements
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | ZTH-400 | ZTH-600 | ZTH-800 | ZTH-1000 | ZTH-1200 | ZTH-1500 | ZTH-2000 | ZTH-2500 | ZTH-3000 |
|----------------------------------|-------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| Bin volume (L) | | 400 | 600 | 800 | 1000 | 1200 | 1500 | 2000 | 2500 | 3000 |
| Max loading volume (L) | | 320 | 480 | 640 | 800 | 960 | 1200 | 1600 | 2000 | 2400 |
| Max loading weight (kg) | | 200 | 300 | 400 | 500 | 600 | 750 | 1000 | 1250 | 1500 |
| Mixing rotation speed (rpm) | | 3-18 | 3-18 | 3-18 | 3-15 | 3-15 | 3-15 | 3-15 | 2-10 | 2-8 |
| Mixing rotation motor power (kW) | | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 7.5 | 11.0 | 11.0 | 11.0 |
| Lifting motor power (kW) | | 1.5 | 1.5 | 1.5 | 2.2 | 3.0 | 4 | 4 | 4 | 4 |
| Referenced Weight (kg) | | 1800 | 2500 | 2800 | 3000 | 3200 | 3600 | 4200 | 4700 | 5000 |
| Dimensions (mm) | H | 1780 | 1780 | 1880 | 2070 | 2150 | 2240 | 2410 | 2520 | 2670 |
| | H1 | 1390 | 1390 | 1590 | 1730 | 1800 | 1900 | 2070 | 1080 | 2200 |
| | H2 | 2260 | 2260 | 2460 | 2660 | 2800 | 2970 | 3320 | 3410 | 3660 |
| | H3 | 2710 | 2710 | 2940 | 3200 | 3350 | 3500 | 3810 | 3950 | 4200 |
| | L | 3290 | 3290 | 3290 | 3660 | 3710 | 3910 | 4010 | 4425 | 4425 |
| | W | 2150 | 2150 | 2150 | 2300 | 2300 | 2300 | 2300 | 2700 | 2700 |
| | W1 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 | 1950 | 1950 |
| | W2 | 2360 | 2360 | 2700 | 2940 | 3100 | 3200 | 3480 | 3760 | 4000 |

Note: Our company can customize products according to user requirements.

Square Cone Bin Blender



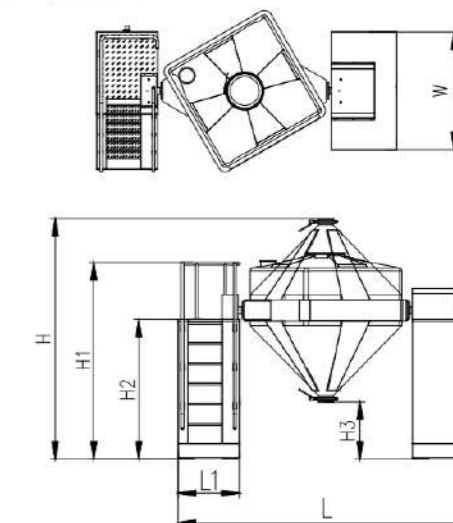
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Application

This machine is developed in combination with the characteristics of a variety of mixers and is suitable for a wide range of mixers. It fully meets GMP requirements and other relevant industry standards. It is especially suitable for the mixing process of products with relatively single varieties and large batch sizes. Such as: pharmaceutical, food, dairy, chemical reagents and other solid preparation industries.

Features

- ▲ With reasonable design, compact structure, can reach mixing uniformity 99% and 80% max loading coefficient
- ▲ It has such features as high rotation height, stable running, reliable performance and easy operation
- ▲ Easy discharging and cleaning, no dead corners and without cross contamination
- ▲ Suitable for large production capacity, simple operation
- ▲ With fixed bin, stable running
- ▲ Meet GMP requirements
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | HF-300 | HF-400 | HF-600 | HF-800 | HF-1000 | HF-1200 | HF-1500 | HF-2000 | HF-3000 | HF-4000 | HF-6000 | HF-8000 | HF-10000 |
|------------------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| Volume (L) | | 300 | 400 | 600 | 800 | 1000 | 1200 | 1500 | 2000 | 3000 | 4000 | 6000 | 8000 | 10000 |
| Max loading (kg) | | 150 | 200 | 300 | 400 | 500 | 600 | 750 | 1000 | 1500 | 1800 | 3000 | 4000 | 5000 |
| Speed (rpm) | | 3-20 | 3-20 | 2-20 | 2-16 | 2-16 | 3-12 | 3-12 | 3-12 | 2-8 | 2-8 | 2-8 | 2-6 | 2-6 |
| Motor power (kW) | | 2.2 | 2.2 | 3 | 4 | 4 | 5.5 | 5.5 | 7.5 | 11 | 11 | 15 | 18.5 | 18.5 |
| Weight (kg) | | 500 | 550 | 800 | 850 | 1200 | 1650 | 1650 | 2000 | 3000 | 3500 | 6000 | 6000 | 8600 |
| Dimensions (mm) | H | 2033 | 2040 | 2194 | 2462 | 2585 | 2761 | 3027 | 3135 | 3446 | 4360 | 4851 | 5067 | 5393 |
| | H1 | - | - | 2160 | 2300 | 2400 | 2345 | 2546 | 2576 | 2848 | 3813 | 3971 | 3769 | 3973 |
| | H2 | 1630 | 1680 | 1361 | 1496 | 1563 | 1645 | 1846 | 1837 | 2048 | 2813 | 2933 | 2969 | 3073 |
| | H3 | 600 | 600 | 700 | 800 | 800 | 800 | 900 | 800 | 900 | 1500 | 800 | 1200 | 1200 |
| | L | 2125 | 2225 | 2608 | 3075 | 3188 | 3479 | 3618 | 3869 | 4120 | 4470 | 5223 | 5535 | 6068 |
| | L1 | 473 | 473 | 590 | 710 | 750 | 780 | 780 | 830 | 800 | 800 | 820 | 1000 | 943 |
| | W | 1017 | 1040 | 1361 | 1382 | 1395 | 1500 | 1500 | 1627 | 1600 | 2200 | 2700 | 2850 | 2900 |

Note: Our company can customize products according to user requirements.

Single Column Lifting Bin Blender



YouTube QR Code

Application

The single-column lifting bin blender is widely used for mixing different components of powders with powders, powders with granules and granules with granules in the production procedure in the pharmaceutical industry. The machine is provided with such functions as automatic lifting, mixing, falling, etc. It can be equipped with various specifications of bins for mixing operation. It is suitable for mixing materials of different varieties and different batches in large and medium-size pharmaceutical enterprises according to process requirements. Multiple purposes can be realized in one machine.

Features

- ▲ Single column, saving space, with compact structure, stable and reliable operation
- ▲ With interchangeable mixing bins of different volume for various capacity, improving the efficiency, avoiding cross contamination
- ▲ Can customize round mixing bin, with optional mixing chopper and plates
- ▲ The mixing uniformity is over 99%, the loading coefficient is 0.8 and the bin is easy to clean, no dead corner
- ▲ Meet GMP requirements
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | HLT-100 | | HLT-200 | | HLT-300 | | HLT-400 | | HLT-600 | | HLT-800 | | HLT-1000 | | HLT-1200 | | HLT-1500 | | HLT-2000 | |
|-------------------------|-------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| | | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric | Hydraulic | Electric |
| Bin volume (L) | | 100 | | 200 | | 300 | | 400 | | 600 | | 800 | | 1000 | | 1200 | | 1500 | | 2000 | |
| Max loading volume (L) | | 80 | | 160 | | 240 | | 320 | | 480 | | 640 | | 800 | | 960 | | 1200 | | 1600 | |
| Max loading weight (kg) | | 50 | | 100 | | 150 | | 200 | | 300 | | 400 | | 500 | | 600 | | 750 | | 1000 | |
| Rotation speed (rpm) | | 3-20 | | 3-20 | | 3-20 | | 3-15 | | 3-15 | | 3-15 | | 3-12 | | 3-10 | | 3-10 | | 3-8 | |
| Referenced Weight (kg) | | 1000 | | 1200 | | 1400 | | 1600 | | 1800 | | 2000 | | 2200 | | 2400 | | 2600 | | 2800 | |
| Total power (kW) | | 5.2 | | 6 | | 6 | | 6 | | 7 | | 7 | | 7 | | 8.5 | | 8.5 | | 8.5 | |
| Dimensions (mm) | L | 2550 | 2830 | 2870 | 3000 | 3330 | 3380 | 3430 | 3740 | 3740 | 3910 | | | | | | | | | | |
| | H | 2525 | 2850 | 2625 | 2850 | 2725 | 2900 | 2775 | 2950 | 2825 | 3000 | 2875 | 3050 | 2925 | 3050 | 3100 | 3200 | 3200 | | | |
| | H1 | 700 | 700 | 760 | 800 | 960 | 1060 | 1060 | 1160 | 1250 | 1250 | | | | | | | | | | |
| | H2 | 1040 | 1040 | 1100 | 1170 | 1400 | 1460 | 1500 | 1590 | 1690 | 1730 | | | | | | | | | | |
| | H3 | 1450 | 1900 | 1450 | 1900 | 1500 | 1960 | 1580 | 2000 | 1720 | 2160 | 1840 | 2260 | 1840 | 2260 | 2260 | 2340 | 2350 | | | |
| | W | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 820 | 900 | 900 | 900 | | | | | | | | |
| | W1 | 1480 | 1680 | 1800 | 1940 | 1340 | 2540 | 2660 | 2820 | 2980 | 3060 | | | | | | | | | | |

Note: Our company can customize products according to user requirements, model with A is for electric lifting system, replacing hydraulic lifting system.

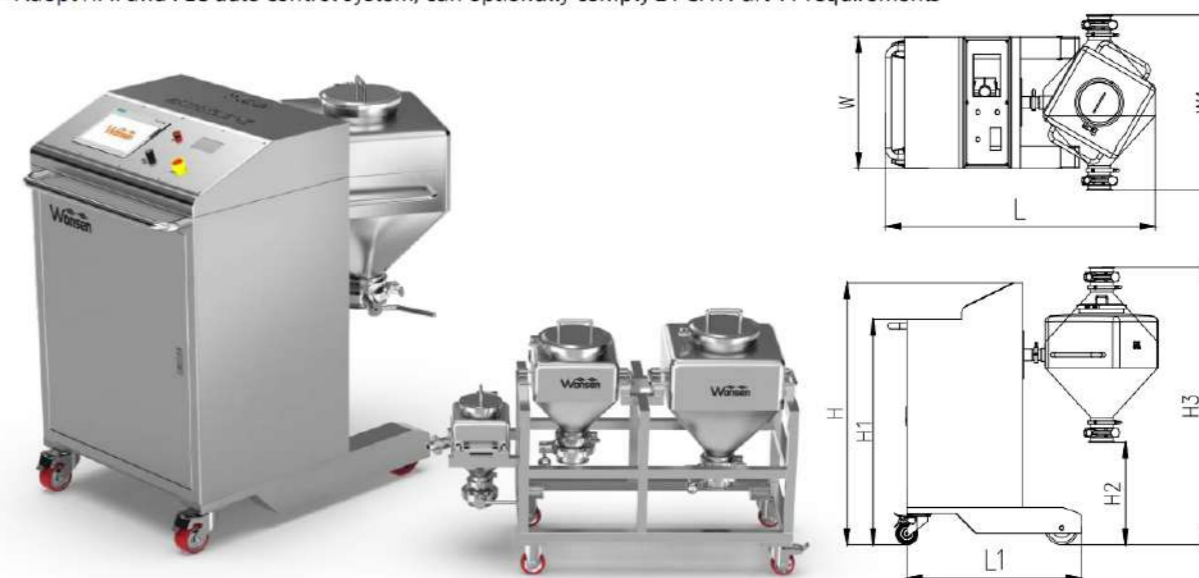
Lab Bin Blender

Application

It is mainly used for R&D mixing different components of dry powders with dry powders, granules with granules, or powders with granules. It is an ideal machine for exploring the best process parameters in material mixing, and an advanced mechanically and electrically integrated lab machine

Features

- ▲ R&D scale
- ▲ With reasonable design, compact structure, space saving
- ▲ With movable wheels with brake
- ▲ With interchangeable mixing bins for various capacity
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | HLS-5 | HLS-10 | HLS-15 | HLS-20 | HLS-30 | HLS-50 | HLS-100 | HLS-150 |
|-----------------------------|-------|-------|--------|--------|--------|--------|--------|---------|---------|
| Bin volume (L) | | 5 | 10 | 15 | 20 | 30 | 50 | 100 | 150 |
| Max load (kg) | | 2.5 | 5 | 7.5 | 10 | 15 | 25 | 50 | 75 |
| Mixing rotation speed (rpm) | | 3-30 | 3-30 | 3-30 | 3-30 | 3-25 | 3-25 | 3-20 | 3-20 |
| Total power (kW) | | 0.37 | 0.37 | 0.37 | 0.37 | 0.55 | 0.55 | 0.75 | 1.1 |
| Weight (kg) | | 150 | 160 | 170 | 180 | 190 | 200 | 250 | 280 |
| Dimensions (mm) | H | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1280 | 1360 |
| | H1 | 1030 | 1030 | 1030 | 1030 | 1030 | 1030 | 1110 | 1210 |
| | H2 | 650 | 580 | 550 | 520 | 500 | 440 | 440 | 480 |
| | H3 | 1050 | 1120 | 1150 | 1180 | 1200 | 1290 | 1430 | 1600 |
| | L | 870 | 1030 | 1040 | 1050 | 1100 | 1150 | 1400 | 1650 |
| | L1 | 800 | 800 | 800 | 800 | 800 | 800 | 1000 | 1050 |
| | W | 600 | 600 | 600 | 600 | 600 | 600 | 800 | 800 |
| | W1 | 400 | 600 | 650 | 700 | 730 | 830 | 1000 | 1050 |

Note: Our company can customize products according to user requirements.

High-efficiency Coating Machine



Application

The new type auto coating machine is designed for coating process solutions for all kinds of tablets, pills, granules, which can promote the coating production efficiency and guarantee material stability. Reliable process, interchangeable pan design, CIP design and good appearance conform to the requirements of GMP. Varieties of functions make the batch production time shorten, Satisfying different process requirements. It is the best choice for film coating, sugar coating.

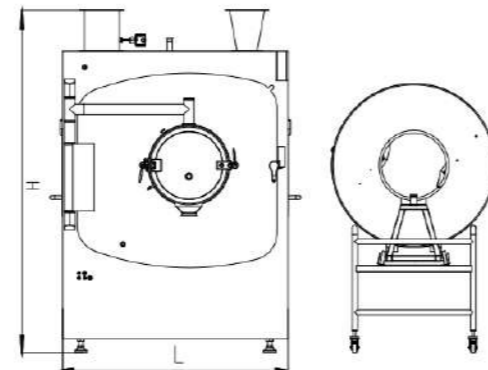
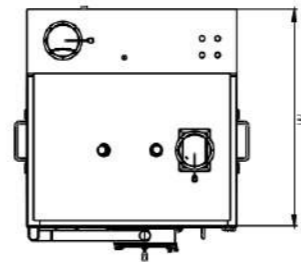
Features

- ▲ Overall open design on the front side
- ▲ Easy cleaning, no dead corner
- ▲ Wide install area and maintenance space and pans can be replaceable
- ▲ Unique airbag seal structure, fully enclosed chamber
- ▲ It adopts HMI and PLC automatic control system, can optionally comply 21 CFR Part 11 requirements



Tipping lifting feeder

- ▲ Achieving smoothly loading tablet into the coating pan
- ▲ Prevent fragments and bracts because of the height difference colliding
- ▲ Auto lifting and tipping, the tablets can slide into the coating pan evenly and slowly



Technical Parameter

| Item | Model | BGB-75F | BGB-150F | BGB-250F | BGB-350F | BGB-500F | BGB-600F |
|--------------------------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Production capacity(kg/batch) | | 20-40-75 | 40-75-150 | 75-150-250 | 150-250-350 | 250-350 | 350-600 |
| Main machine motor power(kW) | | 1.5 | 2.2 | 3 | 4 | 5.5 | 5.5 |
| Drum rotation speed (rpm) | | 2-24 | 2-15 | 2-15 | 2-15 | 2-10 | 2-10 |
| Air inlet fan power(kW) | | 1.5 | 1.5 | 1.5 | 2.2 | 5.5 | 5.5 |
| Air exhaust fan power(kW) | | 4 | 5.5 | 7.5 | 11 | 5.5 | 18.5 |
| Steam consumption(kg/h) | | 103 | 103 | 175 | 233 | 311 | 311 |
| Air consumption(m ³ /min) | | 1.18 | 1.45 | 2.03 | 2.03 | 2.57 | 2.57 |
| Dimensions L*W*H (mm) | | 1364*1308*2180 | 1655*1688*2521 | 1915*1914*2570 | 1998*2079*2656 | 1998*2661*2353 | 2078*2816*2695 |

Note: Our company can customize products according to user requirements.

High-efficiency Coating Machine

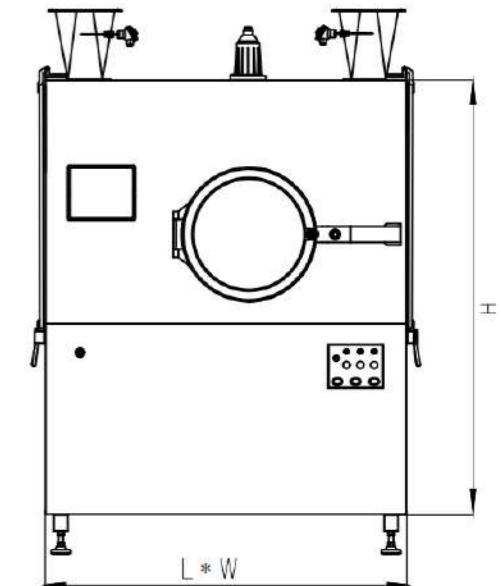


Application

The BGB-D coating machine is mainly used in medicine and food industries. Meeting GMP requirements, it is a kind of mechanically and electrically integrated coating equipment with high efficiency, energy conservation, good safety and good cleanliness for organic film coating, water soluble coating, dripping pill coating, sugar coating, chocolate and candy coating.

Features

- ▲ The streamlined diversion plate improve the rate of finished products, reducing broken edges. The narrow upper surface of the diversion plate design improve the adhesion of excipient, saving the excipient and improving medicine quality.
- ▲ The constant pressure variable peristaltic pump is used to replace the return flow. The rotation radius of the pan changes with the change of pressure, the output solution and spray volume are automatically balanced, the spray system is optimized, the blocking of the spray gun is avoided, the excipient is saved. Easy to clean without any dead corners.
- ▲ It adopts the new type spray gun with even atomizing, large spraying area, adjustable direction. The nozzle is not affected by the loading volume, the anti-blocked device can ensure continuous coating, shorten coating time and save coating excipient.
- ▲ Easy and fast for charging and discharging
- ▲ Both film coating and sugar coating are available
- ▲ Ex-proof system/ dehumidifier system / CIP system are available
- ▲ It adopts HMI and PLC automatic control system, can optionally comply 21 CFR Part 11 requirements.



Technical Parameter

| Item | Model | BGB-75D | BGB-150D | BGB-250D | BGB-350D | BGB-600D |
|--------------------------------------|-------|---------------|----------------|----------------|----------------|----------------|
| Production capacity(kg/batch) | | 75 | 150 | 250 | 350 | 600 |
| Main machine motor power(kW) | | 1.5 | 2.2 | 3 | 4 | 5.5 |
| Drum rotation speed(rpm) | | 2-17 | 2-15 | 2-15 | 2-15 | 2-10 |
| Air inlet fan power(kW) | | 1.5 | 1.5 | 2.2 | 2.2 | 5.5 |
| Air exhaust fan power(kW) | | 4 | 5.5 | 7.5 | 11 | 15 |
| Steam consumption(kg/h) | | 95 | 95 | 169 | 225 | 252 |
| Air consumption(m ³ /min) | | 1.18 | 1.45 | 2.03 | 2.03 | 2.57 |
| Main machine weight(kg) | | 550 | 900 | 1250 | 1650 | 2000 |
| Dimensions L*W*H (mm) | | 1200*980*1853 | 1570*1250*2351 | 1800*1434*2458 | 2050*1670*2570 | 2050*2064*2680 |

Note: Our company can customize products according to user requirements.

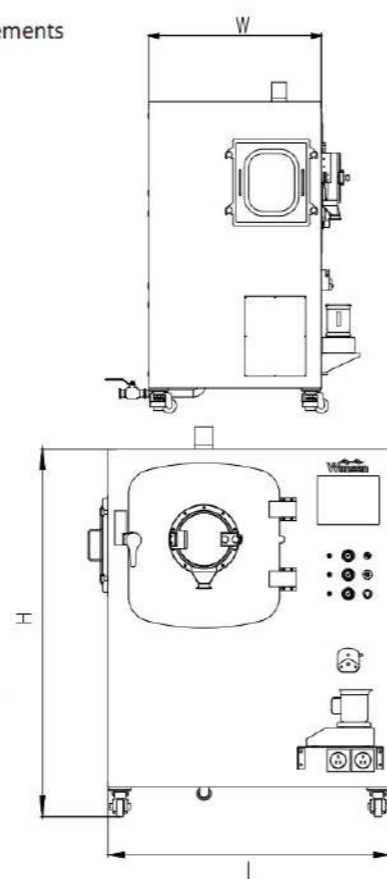
Lab Coating Machine

Application

The BGB-S coating machine is mainly used in medicine and food industries. Meeting GMP requirements, it is a kind of mechanically and electrically integrated coating equipment with high efficiency, energy conservation, good safety and good cleanliness for organic film coating, water soluble coating, dripping pill coating, sugar coating, chocolate and candy coating.

Features

- ▲ Suitable for R&D scale
- ▲ Interchangeable coating pans can be replaced according to the different batch size
- ▲ Easy operation of replacing the interchangeable coating pans
- ▲ With compact and integrated structure, air intaking at the clean area, saving space
- ▲ With movable heavy duty wheels with brake
- ▲ It adopts HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | BGB-5S | BGB-10S | BGB-20S | BGB-40S |
|--|-------|---------------|---------------|----------------|----------------|
| Production capacity(kg/batch) | | 1-3-5 | 3-5-10 | 5-10-20 | 20-40 |
| Main machine motor power(kW) | | 0.37 | 0.55 | 0.55 | 1.10 |
| Drum rotation speed (rpm) | | 3-30 | 3-30 | 2-26 | 2-26 |
| Air inlet fan power (kW) | | 0.37 | 0.37 | 0.37 | 0.75 |
| Air exhaust fan power (kW) | | 0.75 | 1.5 | 2.2 | 3 |
| Electric heating power (kW) | | 5 | 10.5 | 10.5 | 14.7 |
| Compressed air consumption (m ³ /min) | | 0.45 | 0.65 | 0.65 | 0.65 |
| Main machine weight (kg) | | 450 | 450 | 500 | 600 |
| Dimensions L*W*H (mm) | | 1250*900*1630 | 1500*900*1880 | 1088*1070*2082 | 1450*1232*2350 |

Note: Our company can customize products according to user requirements.

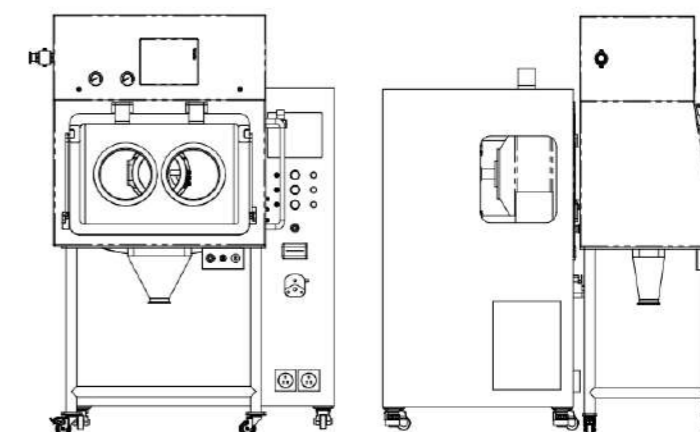
Containment Coating Machine

Application

The containment coating machine is mainly suitable for tablet coating of API materials. The isolation system ensures the safety of operators, materials and environment, and realizes multiple coating process.

Features

- ▲ Containment coating process, complying OEB4 and OEB5
- ▲ Lighting: illuminance≥300lx
- ▲ Reserving detection port of dust particle, floating bacteria and sedimentation bacteria
- ▲ Reserving port for sterilization
- ▲ WIP misting system
- ▲ Push-push filter for getting rid of dust
- ▲ Interchangeable coating pans can be replaced according to the different batch size
- ▲ It adopts HMI and PLC automatic control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Item | Model | BGB-5M | BGB-10M | BGB-20M | BGB-40M |
|---------------------------------------|-------|--------|---------|---------|---------|
| Production capacity (kg/batch) | | 1-3-5 | 3-5-10 | 5-10-20 | 20-40 |
| Main machine motor power (kW) | | 0.37 | 0.55 | 0.55 | 1.10 |
| Drum rotation speed (rpm) | | 3-30 | 3-30 | 2-26 | 2-26 |
| Air inlet fan power(kW) | | 0.37 | 0.37 | 0.37 | 0.75 |
| Air exhaust fan power(kW) | | 0.75 | 1.5 | 2.2 | 3 |
| Electric heating power (kW) | | 5 | 10.5 | 10.5 | 14.7 |
| Steam consumption (kg/h) | | 67 | 90 | 90 | 90 |
| Air consumption (m ³ /min) | | 0.45 | 0.65 | 0.65 | 0.65 |
| Main machine weight (kg) | | 450 | 450 | 500 | 600 |

Note: Our company can customize products according to user requirements.

Fixed Lifting Machine



Application

The machine is mainly used for conveying and loading solid materials in the pharmaceutical industry. It can work with the mixer, tablet pressing, capsule filling, packing machines, etc. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲With fixed and positioning design, safe and stable performance
- ▲Special design to loading materials for tablet pressing, capsule filling and packing machines
- ▲Ease for lifting IBC bins to loading in a closed system
- ▲Anti-falling device
- ▲Labor saving
- ▲It can turn 180°
- ▲Hydraulic and electric lifting are alternative
- ▲Electric lifting model can adopt HMI and PLC control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

| Model | Lifting type | Max net loading(kg) | Power(kW) | H | H1 | L |
|----------|--------------|---------------------|-----------|---------------------------|----|---|
| YTG-200 | Hydraulic | 200 | 3 | Designed according to URS | | |
| | Electric | | 3 | | | |
| YTG-300 | Hydraulic | 300 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-400 | Hydraulic | 400 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-500 | Hydraulic | 500 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-600 | Hydraulic | 600 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-800 | Hydraulic | 800 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-1000 | Hydraulic | 1000 | 3 | | | |
| | Electric | | 3 | | | |
| YTG-1200 | Hydraulic | 1200 | 3 | | | |
| | Electric | | 2 | | | |
| YTG-1500 | Hydraulic | 1500 | 3 | | | |
| | Electric | | 2 | | | |
| YTG-2000 | Hydraulic | 2000 | 5.5 | | | |
| | Electric | | 4 | | | |
| YTG-2500 | Hydraulic | 2500 | 5.5 | | | |
| | Electric | | 4 | | | |

Note: the above motor power is determined according to the actual situation (lifting height, net loading).

Moveable Lifting Machine

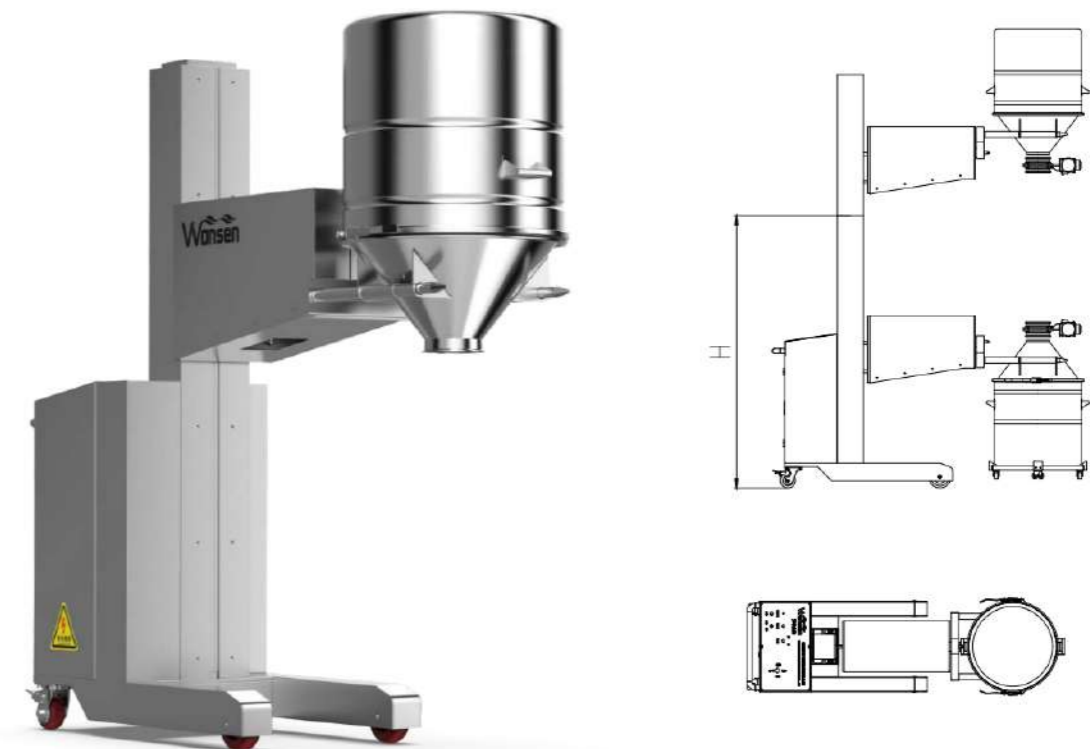


Application

The machine is mainly used for conveying and loading solid materials in the pharmaceutical industry. It can work with the mixer, tablet pressing, coating machine, capsule filling and packing machines, etc. It is also widely used in medicine, chemical, food industries and so on.

Features

- ▲With movable design
- ▲Special design to loading materials for coating and packing machines
- ▲Ease for lifting IBC drums to loading in a closed system
- ▲Anti-falling device
- ▲Labor saving
- ▲It can rotate IBC drums 180° to discharge
- ▲Hydraulic and electric lifting are alternative



Technical Parameter

| Model | Lifting type | Net load (kg) | Power (kW) | H | L |
|---------|--------------|---------------|------------|---|---|
| YTY-100 | Hydraulic | 100 | 1.5 | Designed according to user requirements | |
| YTY-150 | Hydraulic | 150 | | | |

Note: Our company can customize products according to user requirements.

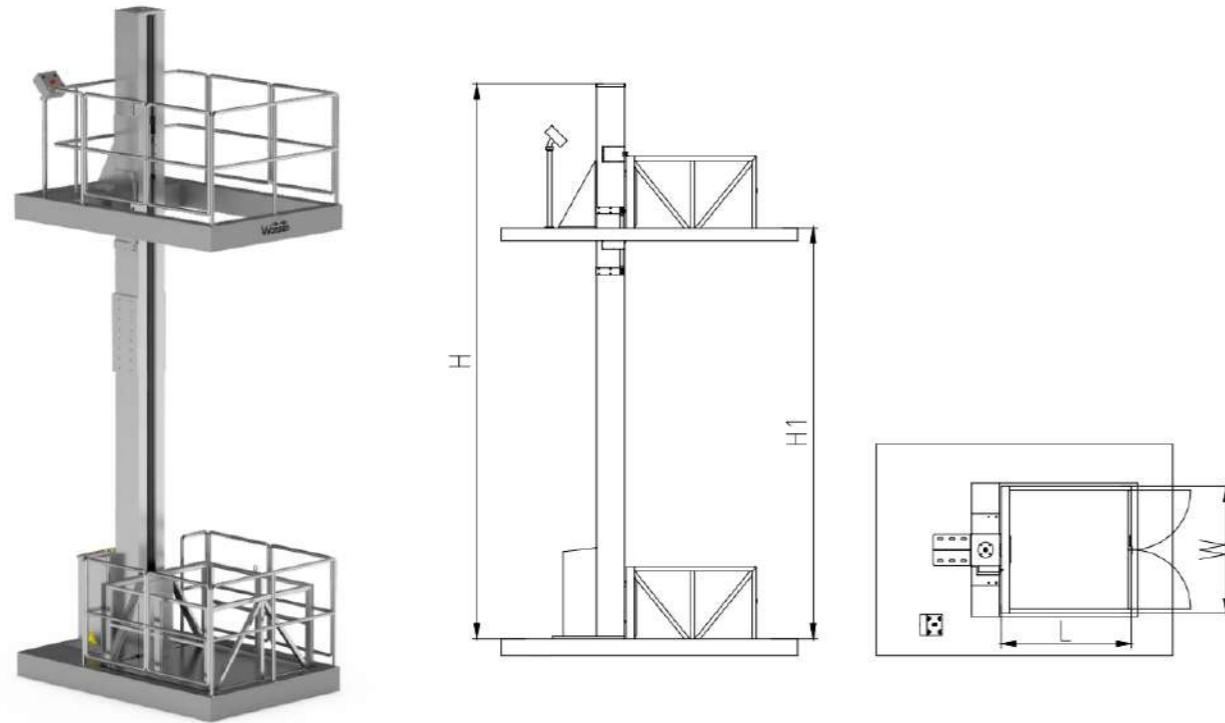
Lifting Machine Among Floors

Application

The machine is mainly used for transferring among floors of the solid materials (bags or bins) in the pharmaceutical industry. The machine effectively reduces cross contamination of dust, lower labor intensity and fully meets GMP requirements for medicine production. It is an ideal material conveying machine used in pharmaceutical, chemical, and food industries.

Features

- ▲ Special design for material transfer among different floors
- ▲ Safe and stable performance
- ▲ Labor saving
- ▲ Anti-falling system and safety lock
- ▲ Provided with overload self-protection function and alarm indication function



Technical Parameter

| Model | Net load(kg) | Hydraulic station volume (L) | Hydraulic station power (kW) | H | H1 | W | L |
|---------|--------------|------------------------------|------------------------------|---|----|---|---|
| CT-200 | 200 | 31-54 | 3 | Designed according to user requirements | | | |
| CT-300 | 300 | | | | | | |
| CT-400 | 400 | | | | | | |
| CT-500 | 500 | | | | | | |
| CT-600 | 600 | | | | | | |
| CT-800 | 800 | | | | | | |
| CT-1000 | 1000 | | | | | | |
| CT-1200 | 1200 | | | | | | |
| CT-1500 | 1500 | | | | | | |

Note: Our company can customize products according to user requirements.

Multifunctional Bin Cleaning Machine



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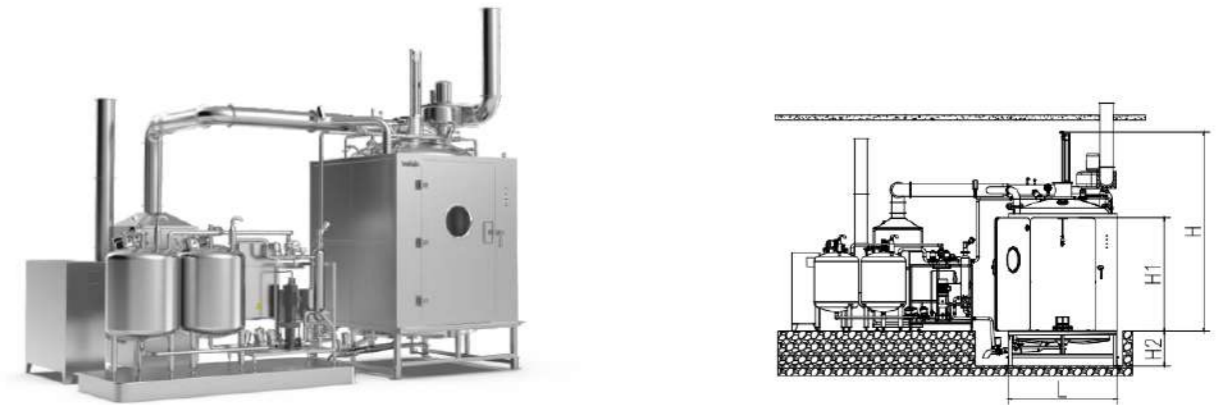
Application

The ZLXHD series bin cleaning machine is mainly used for cleaning stainless steel drums, IBC mixing and transferring bins in pharmaceutical, chemical, food and so on industries.

The ZLXHD series bin cleaner can effectively clean foreign matters remaining on the inner and outer surfaces of the bin to avoid cross contamination of various ingredients during the production. It is an indispensable machine in pharmaceutical enterprises. It is also one of the necessary equipment for pharmaceutical enterprises to meet the requirements of GMP in the production process of solid pharmaceutical preparations.

Features

- ▲ Providing uniform cleaning standard for the cleaning bins and easily making the traceability and certification of the cleaning process
- ▲ Improving the production efficiency
- ▲ Reducing labor intensity of workers
- ▲ Integrating cleaning, drying and cooling functions
- ▲ Adopting HMI and PLC control during the whole process, which is with high degree of automation and simple operation, complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | ZLXHD-600 | ZLXHD-800 | ZLXHD-1000 | ZLXHD-1200 | ZLXHD-1500 | ZLXHD-2000 |
|--|-------|-----------|-----------|------------|------------|------------|------------|
| Total power(kW) | | 11.25 | 11.25 | 11.25 | 11.25 | 11.25 | 11.25 |
| Pump power(kW) | | 3 | 3 | 3 | 3 | 3 | 3 |
| Pump flow(t/h) | | 10 | 10 | 10 | 10 | 10 | 10 |
| Pump pressure (MPa) | | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Air inlet fan power(kW) | | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| Air exhaust fan power(kW) | | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| Steam pressure(MPa) | | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 |
| Steam consumption(kg/h) | | 800 | 800 | 800 | 800 | 800 | 800 |
| Compressed air pressure(MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Compressed air consumption (m ³ /min) | | 2 | 2 | 2 | 2 | 2 | 2 |
| Weight(t) | | 4 | 4 | 4.2 | 4.2 | 4.5 | 4.5 |
| Dimensions (mm) | L | 2000 | 2000 | 2200 | 2200 | 2200 | 2200 |
| | H | 2820 | 3000 | 3100 | 3240 | 3390 | 3730 |
| | H1 | 1600 | 1770 | 1800 | 1950 | 2100 | 2445 |
| | H2 | 700 | 700 | 700 | 700 | 700 | 700 |

Note: Our company can customize products according to user requirements.

Double Chamber Bin Cleaning Machine



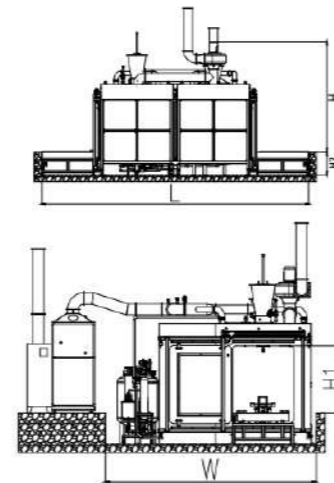
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Application

The ZLXHS series double chamber bin cleaning machine is mainly used for cleaning stainless steel drums, IBC transferring and mixing bins in pharmaceutical, chemical, food and so on industries. The ZLXHS series double chamber bin cleaning machine can effectively clean foreign matters remaining on the inner and outer surfaces of the bin to avoid cross contamination of various ingredients during the production. It is an indispensable machine in pharmaceutical enterprises. It is also one of the necessary equipment for pharmaceutical enterprises to meet the requirements of GMP in the production process of solid pharmaceutical preparations.

Features

- ▲ With two chambers, one for cleaning, another for drying and cooling, which is more efficient
- ▲ Providing uniform cleaning standard for the cleaning bins and easily making the traceability and certification of the cleaning process
- ▲ Improving the production efficiency
- ▲ Reducing labor intensity of workers
- ▲ Integrating cleaning, drying and cooling functions
- ▲ Adopting HMI and PLC control during the whole process, which is with high degree of automation and simple operation, complying 21CFR Part11 requirements



Technical Parameter

| Item | Model | ZLXHS-600 | ZLXHS-800 | ZLXHS-1000 | ZLXHS-1200 | ZLXHS-1500 | ZLXHS-2000 |
|---|-------|-----------|-----------|------------|------------|------------|------------|
| Total power(kw) | | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 |
| Pump power(kw) | | 3 | 3 | 3 | 3 | 3 | 3 |
| Pump flow(t/h) | | 10 | 10 | 10 | 10 | 10 | 10 |
| Pump pressure(MPa) | | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 |
| Air inlet fan power (kW) | | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| Air exhaust fan power (kW) | | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| Steam pressure (MPa) | | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 |
| Steam consumption (kg/h) | | 800 | 800 | 800 | 800 | 800 | 800 |
| Compressed air pressure (MPa) | | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 | 0.6-0.8 |
| Compressed air consumption(m ³ /min) | | 3 | 3 | 3 | 3 | 3 | 3 |
| Weight (t) | | 6.6 | 6.6 | 7 | 7 | 7.2 | 7.2 |
| Dimensions (mm) | L | 7000 | 7000 | 8100 | 8100 | 8100 | 8100 |
| | H | 2820 | 3000 | 3000 | 3240 | 3390 | 3730 |
| | W | 4100 | 4100 | 4100 | 4100 | 4600 | 4600 |
| | H1 | 1600 | 1770 | 1800 | 1950 | 2100 | 2445 |
| | H2 | 700 | 700 | 700 | 700 | 700 | 700 |

Note: Our company can customize products according to user requirements.

Moveable Cleaning Machine



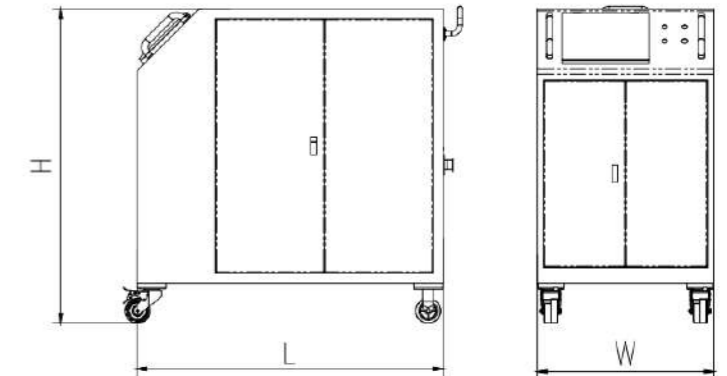
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Application

With compact structure, convenient operation, good sealing performance and high adaptability, the moveable cleaning machine produced by our company is used for cleaning industrial equipment and other parts that require cleaning in medicine, food and fine chemical industries. It is a processing machine designed and manufactured in accordance with GMP requirements.

Features

- ▲ Equipped with three water pipe inlets for users to select. The water outlets can be connected to tees or crosses to clean several machines simultaneously, which is convenient and easy to operate.
- ▲ Equipped with a cleaning nozzle that can turn for 360° and a high-pressure water gun. The cleaning procedure can be completed through the operation by just one person.
- ▲ With movable wheels with brake
- ▲ Concise structure and easy installation and disassembly
- ▲ The stainless steel cover is optional
- ▲ Button panel and HMI&PLC control is alternative



Technical Parameter

| Item | Model | QXY-5 | QXY-10 | QXY-20 |
|---------------------|-------|---------|---------|---------|
| Flow (t/h) | | 5 | 10 | 20 |
| Motor power(kw) | | 1.5 | 3 | 4 |
| Water pressure(MPa) | | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 |
| Weight(kg) | | 200 | 220 | 220 |
| Dimensions (mm) | L | 1300 | 1300 | 1300 |
| | W | 700 | 700 | 700 |
| | H | 1250 | 1250 | 1250 |

Note: Our company can customize products according to user requirements.

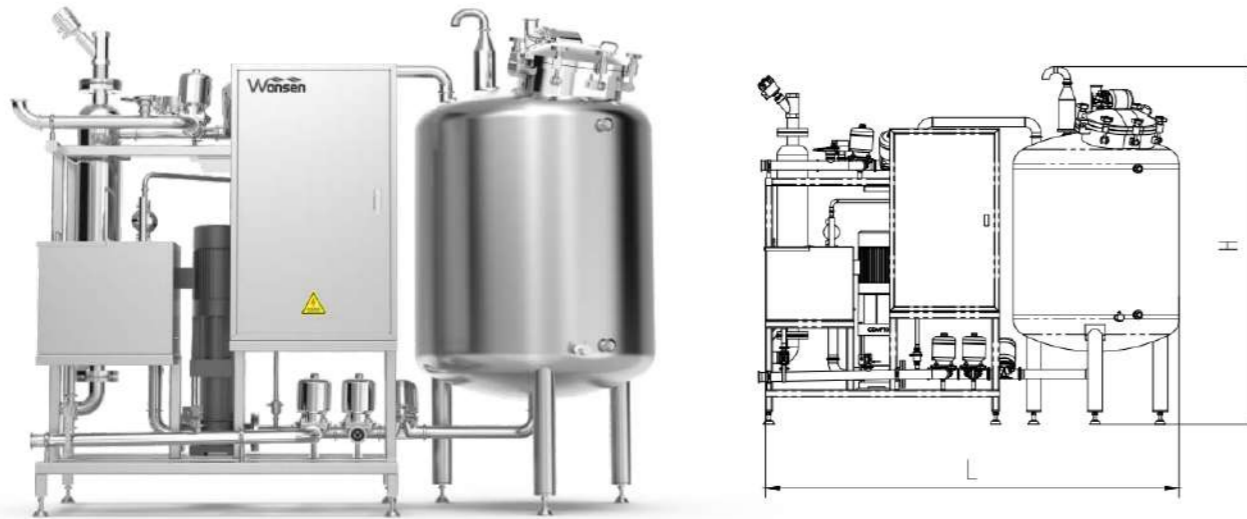
Auto CIP Machine

Application

The machine is mainly used for online cleaning for equipment in the production process of solid preparations, used together with equipment such as fluid bed machine, coating machine and rapid mixer granulator. It is also suitable for the cleaning of industrial equipment such as pharmaceutical, food, fine chemicals, etc. It is a cleaning equipment designed and manufactured in accordance with GMP requirements.

Features

- ▲ Optionally equipped with SWHE heat exchanger, if users have no hot water source
- ▲ Optionally equipped with water storage tanks, if users have no enough water flow or pressure
- ▲ The outlet can be connected to several different equipment for online cleaning
- ▲ Cleaning procedures, processes, etc. can be set on the touch screen, with high degree of automation program, and the operation is simple, can optionally complying 21CFR Part 11 requirements



Technical Parameter

| Item | Model | ZQX-5 | ZQX-10 | ZQX-20 |
|-------------------------|-------|---------|---------|---------|
| Pump flow(t/h) | | 5 | 10 | 20 |
| Pump Power(kW) | | 1.5 | 3 | 4 |
| Pump pressure(MPa) | | 0.3-0.6 | 0.3-0.6 | 0.3-0.6 |
| Steam pressure(MPa) | | 0.3-0.5 | 0.3-0.5 | 0.3-0.5 |
| Steam consumption(kg/h) | | 400 | 800 | 800 |
| Equipment(kg) | | 450 | 500 | 500 |
| Dimensions (mm) | L | 2150 | 2265 | 2265 |
| | W | 900 | 950 | 950 |
| | H | 1850 | 1960 | 1960 |

Note: Our company can customize products according to user requirements.

Vertical Bin Cleaning Machine

Application

This machine is mainly used for transferring and mixing bins cleaning in the production process of solid preparations. The lifting arm extends the cleaning ball into the bin for cleaning. It can be adapted to bins of different specifications and is an ideal equipment for bin cleaning.

Features

- ▲ Manual lifting and automatic lifting is alternative
- ▲ Suitable for cleaning IBC bins of different specification sizes
- ▲ HMI and PLC control, cleaning easily, can optionally complying 21CFR Part 11 requirements



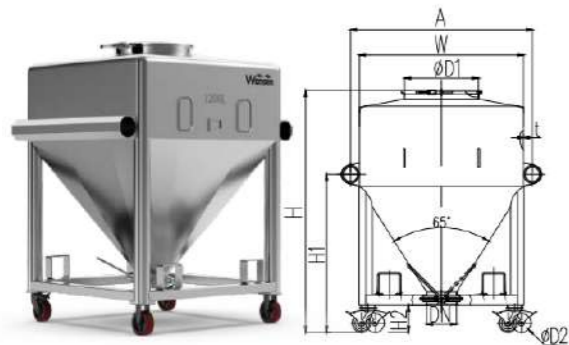
Technical Parameter

| Item | Model | QXD-5 | QXD-10 |
|--------------------|-------|---------|---------|
| Pump flow(t/h) | | 5 | 10 |
| Pump power(kW) | | 1.5 | 3 |
| Pump pressure(MPa) | | 0.3-0.6 | 0.3-0.6 |
| Weight(kg) | | 130 | 130 |
| Dimensions (mm) | L | 1700 | 1700 |
| | H | 2600 | 2600 |

Note: Our company can customize products according to user requirements, Production capacity is calculated based on 10*10mm screen.

IBC Bins

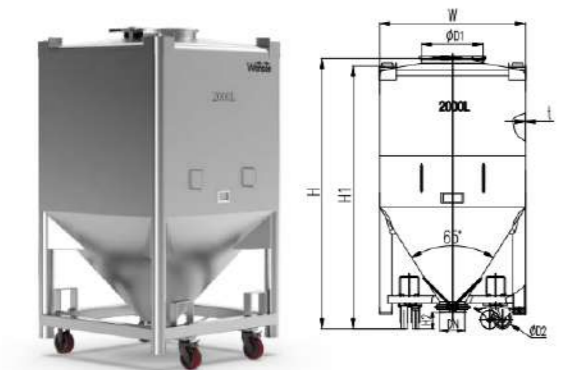
SINGLE COLUMN LIFTING MIXING BIN



Technical Parameter

| Model | Volume (L) | W | H | H1 | H2 | A | t | Φ1 | Φ2 | DN | Weight (kg) |
|-----------|------------|------|------|------|-----|------|-----|-----|-----|-----|-------------|
| HZTD-100 | 100 | 550 | 920 | 635 | 180 | 640 | 2 | 300 | 100 | 150 | 155 |
| HZTD-200 | 200 | 700 | 960 | 700 | 150 | 790 | 2 | 400 | 100 | 200 | 185 |
| HZTD-300 | 300 | 720 | 1150 | 760 | 180 | 820 | 2.5 | 400 | 125 | 200 | 200 |
| HZTD-400 | 400 | 800 | 1190 | 800 | 147 | 910 | 2.5 | 400 | 125 | 200 | 220 |
| HZTD-600 | 600 | 1000 | 1300 | 960 | 161 | 1120 | 2.5 | 500 | 125 | 200 | 245 |
| HZTD-800 | 800 | 1000 | 1500 | 960 | 150 | 1120 | 2.5 | 500 | 125 | 200 | 250 |
| HZTD-1000 | 1000 | 1100 | 1630 | 1060 | 181 | 1220 | 3 | 500 | 125 | 200 | 265 |
| HZTD-1200 | 1200 | 1200 | 1740 | 1160 | 200 | 1320 | 3 | 500 | 125 | 200 | 280 |

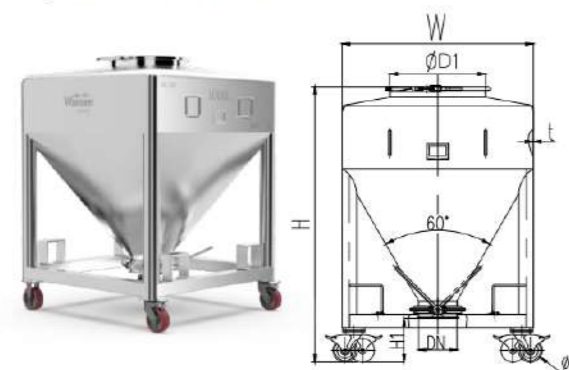
AUTOMATIC LIFTING MIXING BIN



Technical Parameter

| Model | Volume (L) | W | H | H1 | H2 | t | Φ1 | Φ2 | DN | Weight (kg) |
|----------|------------|------|------|------|-----|-----|-----|-----|-----|-------------|
| HZT-400 | 400 | 800 | 1270 | 1210 | 180 | 2.5 | 400 | 125 | 200 | 150 |
| HZT-600 | 600 | 1000 | 1280 | 1210 | 130 | 2.5 | 400 | 125 | 200 | 185 |
| HZT-800 | 800 | 1000 | 1480 | 1420 | 130 | 2.5 | 400 | 125 | 200 | 200 |
| HZT-1000 | 1000 | 1180 | 1490 | 1430 | 130 | 3 | 500 | 150 | 200 | 245 |
| HZT-1200 | 1200 | 1180 | 1640 | 1580 | 130 | 3 | 500 | 150 | 200 | 260 |
| HZT-1500 | 1500 | 1180 | 1850 | 1780 | 130 | 3 | 500 | 150 | 200 | 280 |
| HZT-2000 | 2000 | 1180 | 2210 | 2130 | 130 | 3 | 500 | 150 | 200 | 310 |

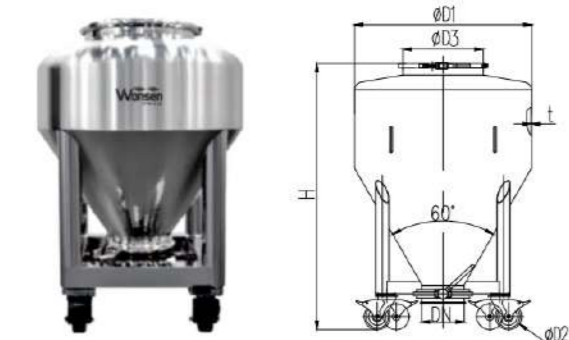
SQUARE CONE IBC BIN



Technical Parameter

| Model | Volume (L) | W | H | H1 | t | Φ1 | Φ2 | DN | Weight (kg) |
|---------|------------|------|------|-----|-----|-----|-----|-----|-------------|
| ZT-200 | 200 | 600 | 1140 | 185 | 2 | 400 | 125 | 150 | 145 |
| ZT-300 | 300 | 800 | 1180 | 210 | 2.5 | 400 | 125 | 200 | 160 |
| ZT-400 | 400 | 800 | 1320 | 220 | 2.5 | 400 | 125 | 200 | 180 |
| ZT-600 | 600 | 1000 | 1450 | 230 | 2.5 | 500 | 125 | 200 | 200 |
| ZT-800 | 800 | 1000 | 1650 | 230 | 2.5 | 500 | 125 | 200 | 220 |
| ZT-1000 | 1000 | 1200 | 1590 | 200 | 2.5 | 500 | 150 | 250 | 262 |
| ZT-1200 | 1200 | 1200 | 1720 | 200 | 2.5 | 500 | 150 | 250 | 280 |
| ZT-1500 | 1500 | 1200 | 1950 | 200 | 2.5 | 500 | 150 | 250 | 315 |
| ZT-1800 | 1800 | 1200 | 2160 | 200 | 3 | 500 | 150 | 250 | 335 |
| ZT-2000 | 2000 | 1200 | 2290 | 200 | 3 | 500 | 150 | 250 | 370 |

ROUND CONE IBC BIN



Technical Parameter

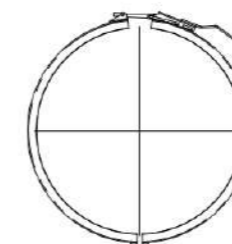
| Model | Volume (L) | H | t | Φ1 | Φ2 | Φ3 | DN | Weight (kg) |
|----------|------------|------|-----|------|-----|-----|-----|-------------|
| ZTY-200 | 200 | 1050 | 2 | 750 | 125 | 400 | 200 | 89 |
| ZTY-400 | 400 | 1287 | 2.5 | 850 | 125 | 400 | 200 | 126 |
| ZTY-600 | 600 | 1457 | 2.5 | 1000 | 125 | 500 | 200 | 178 |
| ZTY-800 | 800 | 1530 | 2.5 | 1100 | 125 | 500 | 200 | 190 |
| ZTY-1000 | 1000 | 1615 | 2.5 | 1250 | 150 | 500 | 250 | 262 |

Accessories

DRUM CLAMP



Clamp for drum



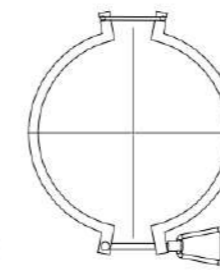
Technical Parameter

| Model | DN |
|---------|-----|
| KGT-500 | 500 |

BUTTERFLY VALVE CLAMP



Clamp for butterfly valve



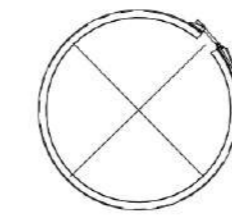
Technical Parameter

| Model | DN |
|---------|-----|
| KGF-150 | 150 |
| KGF-200 | 200 |
| KGF-250 | 250 |

BIN CLAMP



Clamp for bin



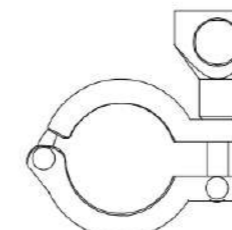
Technical Parameter

| Model | DN |
|---------|-----|
| KGD-400 | 400 |
| KGD-500 | 500 |

PIPE CLAMP



For pipeline connection

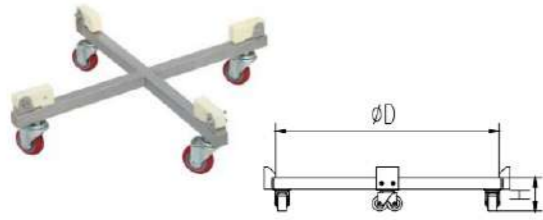


Technical Parameter

| Model | D |
|--------|-----|
| KGG-4 | 119 |
| KGG-6 | 168 |
| KGG-8 | 218 |
| KGG-10 | 268 |
| KGG-12 | 319 |

Accessories

CROSS CART
For drum transferring



Technical Parameter

| Model | Main structural dimensions | | |
|---------|----------------------------|-----|----|
| | ΦD | H | Φd |
| LTC-50 | 400 | 160 | 75 |
| LTC-100 | 500 | 160 | 75 |
| LTC-150 | 585 | 160 | 75 |
| LTC-200 | 600 | 160 | 75 |

STAINLESS STEEL IBC DRUM
For pharma litter and material transferring



Technical Parameter

| Model | Main structural dimensions | |
|--------|----------------------------|-----|
| | ΦD | H |
| LT-50 | 400 | 400 |
| LT-100 | 500 | 500 |
| LT-150 | 585 | 600 |
| LT-200 | 590 | 730 |

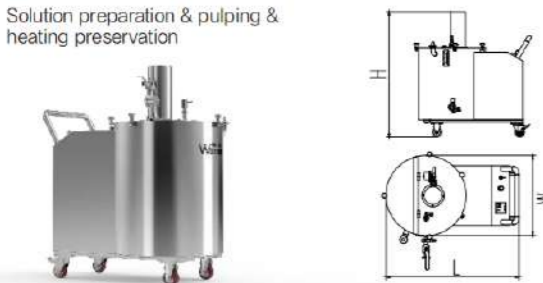
VACUUM DISCHARGER
For bin/container vacuum discharging



Technical Parameter

| Model | Main structural dimensions | | |
|------------|----------------------------|-----|-----|
| | ΦD | ΦD1 | ΦD2 |
| ZCQ-150-38 | 150 | 38 | 168 |
| ZCQ-150-50 | 150 | 50 | 168 |
| ZCQ-200-38 | 200 | 38 | 218 |
| ZCQ-200-50 | 200 | 50 | 218 |
| ZCQ-200-63 | 200 | 63 | 218 |
| ZCQ-250-50 | 250 | 50 | 268 |
| ZCQ-250-63 | 250 | 63 | 268 |

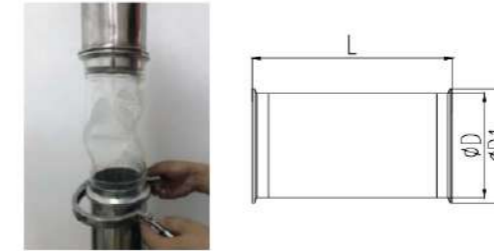
SOLUTION MIXING TANK (REACTOR)
Solution preparation & pulping & heating preservation



Technical Parameter

| Model | Main structural dimensions | | | Volume |
|---------|----------------------------|------|------|--------|
| | L | W | H | L |
| JBT-30 | 800 | 840 | 840 | 30 |
| JBT-60 | 890 | 985 | 985 | 60 |
| JBT-100 | 940 | 1070 | 1070 | 100 |
| JBT-150 | 970 | 1175 | 1175 | 150 |
| JBT-200 | 1060 | 1270 | 1270 | 200 |
| JBT-250 | 1130 | 1270 | 1270 | 250 |

SILICONE SOFT CONNECTING TUBE
Connecting with bin to charge material



Technical Parameter

| Model | Main structural dimensions | | |
|---------|----------------------------|-----|------------|
| | ΦD | ΦD1 | H |
| DJL-150 | 159 | 183 | Customized |
| DJL-200 | 219 | 234 | |
| DJL-250 | 254 | 268 | |

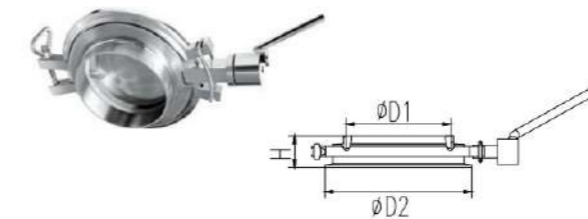
α β VALVE



Technical Parameter

| | | |
|----------------------|--|---|
| Interface size | 2.0", 2.5", 3.0", 4.0", 6.0", 8.0" | |
| Interface standard | Tri-clamp, PN6/PN10 Flange | |
| Material | Valve material | 316L(Material contact parts) 304(Remaining parts) |
| | Sealing material | White fluorinated rubber(Standard),Meet FDA requirements Ethylene-Propylene-Diene Monomer, Silicone rubber, Perfluoro rubber(Optional) |
| Operating mode | Manual, Automatic | |
| Seal grade | OEB 4(OEL≤10μg/m³) | |
| Pressure rating | -0.1~+0.5Mpa | |
| Sterilization method | SIP | |
| Anti-explosion level | ATEX II2 GD T4 | |
| Optional accessories | Active pressure plug, active protection plug, active cleaning unit, passive pressure cap, passive protective cover, leaned part | |
| Surface treatment | Ra < 0.4, Standard(Material contact parts) Ra < 0.8(Remaining parts) | |

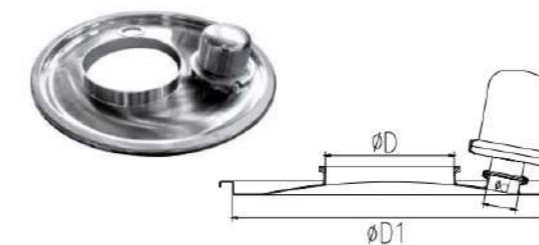
BUTTERFLY VALVE
Connecting with bin to discharge and control material



Technical Parameter

| Model | Main structural dimensions | | |
|--------|----------------------------|-----|----|
| | ΦD1 | ΦD2 | H |
| DF-150 | 150 | 168 | 55 |
| DF-200 | 200 | 218 | 55 |
| DF-250 | 250 | 268 | 60 |

SUB-FEEDING BIN COVER
Connecting with bin to sub-feed material



Technical Parameter

| Model | Main structural dimensions | | |
|-------------|----------------------------|-----|----|
| | ΦD | ΦD1 | Φd |
| FLG-400-150 | 150 | 400 | 38 |
| FLG-400-200 | 200 | 400 | 38 |
| FLG-400-250 | 250 | 400 | 38 |
| FLG-500-150 | 150 | 500 | 38 |
| FLG-500-200 | 200 | 500 | 38 |
| FLG-500-250 | 250 | 500 | 38 |