



GRAND MACHINERY

PHARMA & PACKAGING EQUIPMENT SUPPLIER

Exporting Countries: **160+**
Number Of Customers: **350+**
Export Amount: **\$10 Million+** Per Year

Efficient **Producing Team**
Experienced **R&D Team**
Professional **Sales Team**
Thoughtful **After Sale Team**

Plant Area: **10,000 m²+**
Technical Staff: **20+**
Production Staff: **80+**

ABOUT GRAND

COMPANY PROFILE

WENZHOU GRAND MACHINERY TECHNOLOGY CO.,LTD. was established in 1999 by several experienced machinery experts, located in Wenzhou City, Zhejiang Province, China.

Grand is specialized in R&D, manufacturing, exporting and providing related services of pharmaceutical equipment in solid preparation field.

Main products includes grinder, granulator, dryer, mixer, capsule filling machine, tablet press, blister packing machine, bottle filling line, cartooning and encasing machine.

Grand has over 5,000 meters standard producing plant and modern office, with more than 85 staff consisting of efficient producing team, experienced R&D team, professional sales team and thoughtful after sale team.

Grand has passed the certification of ISO9001 and products have CE certification approved.

Grand provides reliable quality, stable performance and thoughtful after-sales service, which attracted large number of customers covering more than 160 countries, such as, China domestic, Asia, Europe, America, Mid East and Africa.

Our growth is inseparable from the trust and support of our customers. You are always welcome to our company for plant visitation, technology exchange and business cooperation.



PREPARATION EQUIPMENT

Grinding Machine



WF Series Universal Grinder



WFJ Series Super Fine Grinding Machine

Mixing Machine



Multi-Directional Motions Mixer



Bin Blender

Granulating Machine



LM Series Super Mixing Granulating Machine

Drying Machine



FG Series Fluid Bed Dryer

PACKAGE EQUIPMENT

Tablet Press



GZP620 Series High Speed Rotary Tablet Press

Strip Packing Machine



NSL Series Strip Packing Machine

Capsule Filling Machine



NJP Series Automatic Capsule Filling Machine



Semi-auto Capsule Filling Machine



JFP-110A Capsule Polishing and Spring Machine

Cartoning Machine



GSZ Series Automatic Cartoning Machine



Semi Automatic Vertical Cartoning Machine

Blister Packing Machine



DPP Series Automatic Blister Packing Machine



GGS Series Automatic Liquid Filling and Sealing Machine

Counting and Filling Line



GM-8 Counting and Filling Machine

GRAND MACHINERY

PHARMA & PACKAGING EQUIPMENT SUPPLIER

Certificate No.: 38521Q3792R05
Valid from: 2021-09-03 until 2024-09-02
Re-certification audit due before: 2022-09-02
Ver.: A1



Quality Management System Certificate

This is to certify that

Wenzhou Grand Machinery Technology Co., Ltd.

Uniform social credit code: 91330381MA2L1EFK2W

Registered address: No. 555, Hongjin Road, Feiyun Street, Ruian, Wenzhou, Zhejiang Province

Business address: No. 555, Hongjin Road, Feiyun Street, Ruian, Wenzhou, Zhejiang Province

Quality management system as per

GB/T 19001-2016/ISO 9001:2015

for the following scope

For Pharmaceutical Machinery, Packing Machinery

This certificate shall be valid within the validity period of the administrative license, qualification and mandatory product certification stipulated by the State and shall be valid if it is subject to the supervision and examination and passed the examination. To verify that, this certificate is current please refer to <http://www.nsyglobal.com>, CNCA website at <http://www.cnca.gov.cn> and IAF global database at <http://www.iafcertsearch.org>.



证书签发人

NSY Certification (Shanghai) Co., Ltd.

Address: Room 1002-1003, No. 211 Jin'gang Road, FTA Shanghai, Shanghai City, P.R. China

Tel: 021-50562313; Website: <http://www.nsyglobal.com>

ISO 9001 CERTIFICATION
GRAND MACHINERY

DPP-80 Mini Liquid Blister Packing Machine



MACHINE BRIEF

DPP-80 is an international version of the new packaging equipment developed by our company based on the functional characteristics of the international leading technology flat packaging machine and its own years of packaging technology experience. It has powerful functions and an intelligent operating platform to achieve multiple varieties of packaging technology. According to the existing technology, the coordination, stability, consumption and high efficiency of each station can be realized. This machine is suitable for sealing tablets, capsules, soft capsules, candies, big honey pills, injections and other items in the fields of pharmacy, food, medical equipment, cosmetics, health products and handicrafts such as aluminum-plastic, aluminum-aluminum, paper-plastic, etc. Packaging, equipment structure and packaging process are in full compliance with "GMP" requirements.

DPP-80 Mini Solid Blister Packing Machine with Glass Cover



FEATURES AND INNOVATION

1. It adopts a new domestic transmission mechanism, and the main transmission shaft is driven by the platoon chain, which eliminates the error and noise of other gear transmissions.
2. The electrical appliance adopts the imported control system, and it can be equipped with the missing material and missing compensation device and the missing particle detection and reject device according to the customer's requirements.
3. The whole machine adopts segmental combination: PVC forming, feeding, heat sealing into one section, with hot aluminum forming, heat sealing, and punching into one section for split packaging.
4. The use of photoelectric control system, automatic feeding of PVC, PTP, hard aluminum packaging, and automatic punching of waste edges ensure the synchronization and stability of ultra-long distance and multi-station.
5. Equipped with an automatic rewinding mechanism for waste materials, the waste materials are evenly collected, and the finished products are output in an orderly manner. The delivery port has been installed with a conveying mechanism to provide necessary conditions for subsequent equipment and production.
6. One machine with two functions, it can produce aluminum-plastic or aluminum-aluminum varieties.
7. The whole machine adopts split connection design, which is convenient for transportation and access to elevators and workshops.



1

PVC Releasing



2

PVC Heating and Forming



3

Automatic Product Feeding



4

Aluminium Foil Releasing



5

Heating Sealing



6

Finished Product Output

TECHNICAL PARAMETERS

Punch Frequency	10-25 times/min
Capacity (80mm*57mm sheet)	100-400 capsules/tablets per min
Max. Forming Area and Depth	70mm*80mm*26mm
Travel Range	20-70mm (optional)
Air Pressure	0.6-0.8 Mpa
Main Motor Power	0.75kw
Total Power	380V/220V 50Hz 1.8 kw (optional)
PVC Material	0.15-0.50*80mm
PTP Alu Foil	0.02-0.035*80mm
Dialysis Paper	50-100g*80mm
Mould Cooling	Running Water or Recycle Water
Noise Index.	Less than 75dBA
Machine Dimension	1400mm*460mm*950mm
Machine Weight	450Kg



DPP-80 Mini Liquid Blister Packing Machine



MACHINE BRIEF

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DPP-80 Mini Solid Blister Packing Machine with Glass Cover



DPP-80 BLISTER PACKING MACHINE'S TECHNICAL PARAMETERS

Punch Frequency	10-25 times/min
Capacity (80mm*57mm sheet)	100-400 capsules/tablets per min
Max. Forming Area and Depth	70mm*80mm*26mm
Travel Range	20-70mm (optional)
Air Pressure	0.6-0.8 Mpa
Main Motor Power	0.75kw
Total Power	380V/220V 50Hz 1.8 kw (optional)
PVC Material	0.15-0.50*80mm
PTP Alu Foil	0.02-0.035*80mm
Dialysis Paper	50-100g*80mm
Mould Cooling	Running Water or Recycle Water
Noise Index.	Less than 75dBA
Machine Dimension	1400mm*460mm*950mm
Machine Weight	450Kg

FEATURES AND INNOVATION

1. It adopts a new domestic transmission mechanism, and the main transmission shaft is driven by the platoon chain, which eliminates the error and noise of other gear transmissions.
2. The electrical appliance adopts the imported control system, and it can be equipped with the missing material and missing compensation device and the missing particle detection and reject device according to the customer's requirements.
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6. One machine with two functions, it can produce aluminum-plastic or aluminum-aluminum varieties.
7. The whole machine adopts split connection design, which is convenient for transportation and access to elevators and workshops.

DPP-110 Blister Packing Machine



MACHINE BRIEF

This blister packing machine is special designed for dosage room of hospital, middle or small pharmaceutical and nutrition products factory.

It has following features: small machine-body, flat structure mould, easy to operate and change the mould, multifunction, travel can be adjustable, durable in use.

It's widely used in pharmaceutical, foodstuff, hardware industry with Alu-plastic packing. It's the ideal packing equipment for variety and small batch products packing.



TECHNICAL PARAMETERS

Punch Frequency	10-35 times/min
Capacity (80mm*57mm sheet)	3600 plates per hour
Max. Forming Area and Depth	70mm*110mm*26mm (standard depth less 15mm, over 15mm need customized)
Travel Range	20-80mm (optional)
Air Pressure	0.6-0.8 Mpa
Main Motor Power	0.75kw
Total Power	380V 50Hz 3.0 kw (customized available)
PVC Material	0.15-0.50*110mm
PTP Alu Foil	0.02-0.035*110mm
Dialysis Paper	50-100g*110mm
Mould Cooling	Running Water or Recycle Water
Noise Index.	Less than 75dBA
Machine Dimension	1500mm*600mm*1200mm
Machine Weight	580Kg

DPP-150 Liquid Blister Packing Machine.



MACHINE BRIEF

This blister packing machine is special designed for dosage room of hospital, middle or small pharmaceutical and nutrition products factory. It has following features: small machine-body, flat structure mould, easy to operate and change the mould, multifunction, travel can be adjustable, durable in use. It's widely used in pharmaceutical, foodstuff, hardware industry with Alu-plastic packing. It's the ideal packing equipment for variety and small batch products packing.

TECHNICAL PARAMETERS

Punch Frequency	10-35 times/min
Capacity (80mm*57mm sheet)	4200 plates per hour
Max. Forming Area and Depth	100mm*150mm*26mm (standard depth less 15mm, over 15mm need customized)
Travel Range	50-120mm (optional)
Air Pressure	0.4-0.6 Mpa
Main Motor Power	1.5kw
Total Power	380V/220V 50Hz 3.8kw (optional)
PVC Material	0.15-0.50*150mm
PTP Alu Foil	0.02-0.035*150mm
Dialysis Paper	50-100g*150mm
Mould Cooling	Running Water or Recycle Water
Noise Index.	Less than 75dBA
Machine Dimension	2500mm*800mm*1780mm
Machine Weight	820Kg

DPP-150 Solid Blister Packing Machine.



DPP SERIES BLISTER PACKING MACHINE

PROCESS

1

PVC Releasing



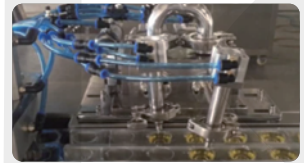
2

PVC Heating and Forming



3

Automatic Product Feeding



4

Aluminium Foil Releasing



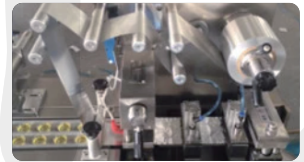
5

Heating Sealing

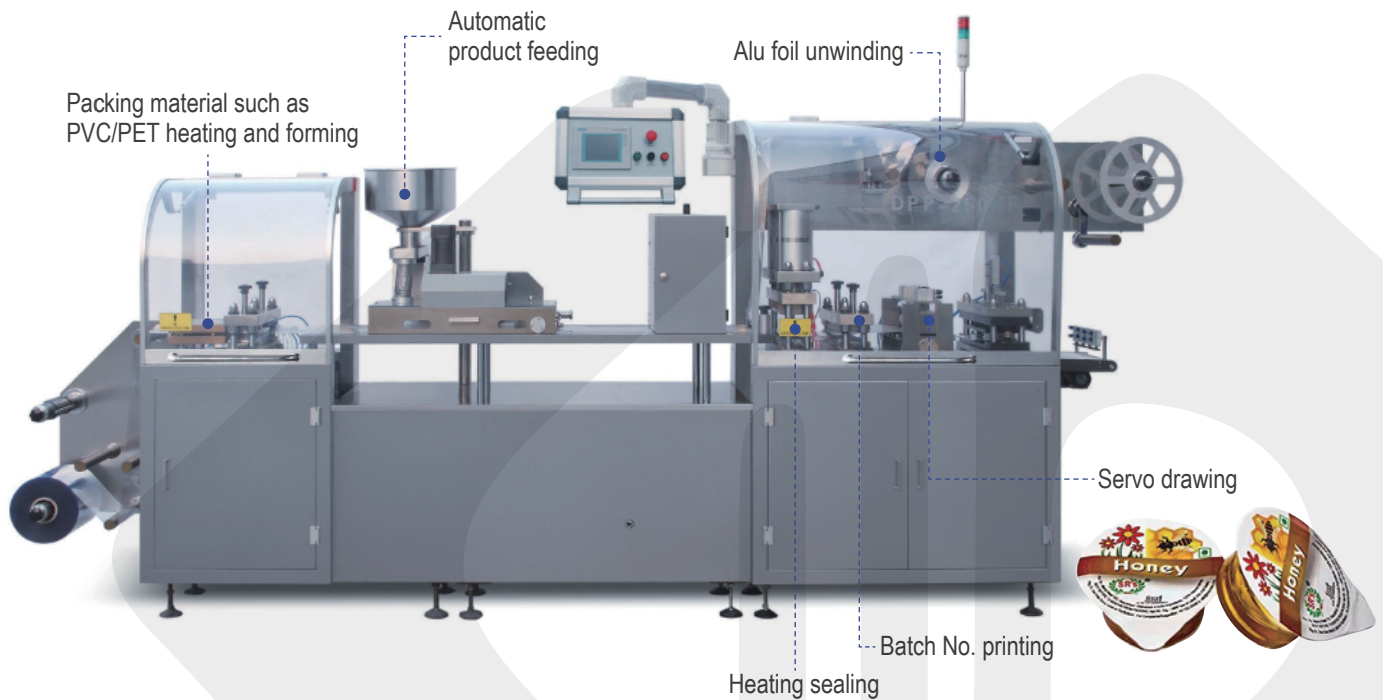


6

Finished Product Output



DPP-260 Blister Packing Machine



MACHINE BRIEF

DPP-260 high-speed blister packaging machine is a new generation of products through painstakingly researched and developed. Punch frequency can achieve to 200 times, it is 4 times higher than normal blister packaging machine. It combines the advantages of flatbed and drum blister packaging machine, and with a special dedicated tablet feeder, so it has some features like high punching frequency, energy consumption province, accurate, stable, easy to replace mold, high yield and so on.

DPP SERIES BLISTER PACKING MACHINE

PROCESS



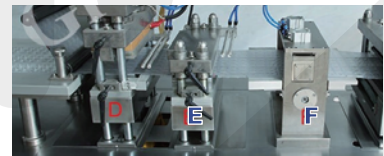
A. PVC Releasing



B. PVC/PET Heating and Forming



C. Automatic Product Feeding



D. Heating & Sealing
E. Batch No. Printing
F. Servo Drawing



DPP-260 BLISTER PACKING MACHINE'S TECHNICAL PARAMETERS

Punch Frequency	25-60 times/min
Capacity (80mm*57mm sheet)	9600 plates per hour
Max. Forming Area and Depth	150mm*250mm*30tmm (standard depth less 15mm, over 15mm need customized)
Travel Range	40-120mm (optional)
Air Pressure	0.4-0.6 Mpa
Main Motor Power	1.5kw
Total Power	380V 50Hz 5.7kw (customized available)
PVC Material	0.25-0.50*260mm
PTP Alu Foil	0.02-0.035*260mm
Dialysis Paper	50-100g*260mm
Mould Cooling	Running Water or Recycle Water
Noise Index.	Less than 75dBA
Machine Dimension	4460mm*760mm*1620mm
Machine Weight	1850Kg

FEATURES AND INNOVATION

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C E R T I F I C A T E

ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY DIRECTIVES

Technical file of the company mentioned below has been observed

2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive
have been taken as references for these processes

Company Name : **Wenzhou Grand Machinery Technology Co., Ltd.**

Company Address : No.555, Hongjin Road, Feiyun Street, Ruian 325207, Zhejiang,
China

Related Directives and Annex : **2006/42/EC Machinery Directive**
2014/30/EU Electromagnetic Compatibility Directive

Related Standards : **EN ISO 12100:2010, EN 60204-1:2018, EN 415-3:1999+A1:2009**
EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019

Product Name : **Automatic Blister Packing Machine**

Report No and Date : MD-TCF-210419-30458, TEZJ21041930459

Product Brand/Model/Type : DPP-80, DPP-88, DPP-110, DPP-120, DPP-140, DPP-150,
DPP-180H, DPP-250, DPP-260, DPP-320, DPP-350

Certificate Number : **M.2021.206.C64002**

Initial Assessment Date : 22.04.2021

Registration Date : 23.04.2021

Reissue Date/No : -

Expiry Date : **22.04.2026**


UDEM International Certification
Auditing Training Centre Industry
and Trade Inc.Co.

The validity of the certificate can be checked through www.udemltd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

Address: Muflukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY

Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76

E-mail: info@udemltd.com.tr www.udem.com.tr

CE



CE CERTIFICATION

FOR DPP SERIES BLISTER PACKING MACHINE

NJP-2500 Automatic Capsule Filling Machine

150000
Capsules Per Hour



NJP-2000 Automatic Capsule Filling Machine

120000
Capsules Per Hour



MACHINE BRIEF

NJP-Series Automatic Capsule Filling Machine, a kind of automatic hard capsule filling equipment, operates intermittently and fills capsules with a metering plate of holes. The machine after optimization, considering features of traditional Chinese medicine and requirements of GMP, acquires features of compact structure, small size, low noise, accurate filling volume, complete functions and stable operation. It can also feed, separate, fill and lock capsules, clean wastes, discharge end products, and clean molds at the same time. For these reasons, this hard capsule filling machine is the ideal equipment for producers of drug, health care products, etc.

TECHNICAL PARAMETERS

Model	NJP-2500	NJP-2000
Productivity	2500 pcs/min	2000 pcs/min
Appropriate Capsule Size	00# - 4#	
Mold Hole Quantity	18	18
Power Supply	380V, 50Hz, 3P	
Total Power	6.97KW	6.97KW
Difference Of Filling Volume	±3% - ±4%	
Noise	≤ 75dB (A)	
Capsule Probability	99.9% for empty capsules Over 99.5% for full capsules	
Machine Dimensions(L*W*H)	1200*1050*2100mm	1200*1050*2100mm
Net weight	1300kg	1300kg

MACHINE DETAILS DISPLAY



FEATURES AND INNOVATION

1. Improving the inner design of the turntable and applying Japanese genuine linear bearings to improve the accuracy and service life of the machine.
2. Placing cams beneath to increase the pressure atomizing oil pump, reducing wear and extend the service life of components.
3. Linking the column with the bottom plate to fix filling base. Thus, material can be filled more stably and accurately.
4. Using the lower plane of the dosing tray as the benchmark with three-dimensional adjustment and even gaps to reduce the filling differences effectively and clean the machine conveniently.
5. Applying HMI with complete functions. When capsules are not filled or material channel is faulty, the machine will alarm and stop automatically. Besides, the machine can function to display the value of filling volume of every capsule and cumulative output.

NJP-1200

Automatic Capsule Filling Machine



72000
Capsules
Per Hour



TECHNICAL PARAMETERS

Model	NJP-1200
Productivity	1200 pcs/min
Appropriate Capsule Size	00# - 4#
Mold Hole Quantity	9
Power Supply	380V, 50Hz, 3P
Total Power	5.57KW
Difference Of Filling Volume	±3% - ±4%
Noise	≤ 75dB (A)
Capsule Probability	99.9% for empty capsules Over 99.5% for full capsules
Machine Dimensions(L*W*H)	1020*860*1970mm
Net weight	900kg

MACHINE BRIEF

NJP-Series Automatic Capsule Filling Machine, a kind of automatic hard capsule filling equipment, operates intermittently and fills capsules with a metering plate of holes. The machine after optimization, considering features of traditional Chinese medicine and requirements of GMP, acquires features of compact structure, small size, low noise, accurate filling volume, complete functions and stable operation. It can also feed, separate, fill and lock capsules, clean wastes, discharge end products, and clean molds at the same time. For these reasons, this hard capsule filling machine is the ideal equipment for producers of drug, health care products, etc.

FEATURES AND INNOVATION

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NJP-800

Automatic Capsule Filling Machine

48000
Capsules
Per Hour



TECHNICAL PARAMETERS

Model	NJP-800
Productivity	800 pcs/min
Appropriate Capsule Size	00# - 4#
Mold Hole Quantity	6
Power Supply	380V, 50Hz, 3P
Total Power	5.57KW
Difference Of Filling Volume	±3% - ±4%
Noise	≤ 75dB (A)
Capsule Probability	99.9% for empty capsules Over 99.5% for full capsules
Machine Dimensions(L*W*H)	1020*860*1970mm
Net weight	900kg

MACHINE BRIEF

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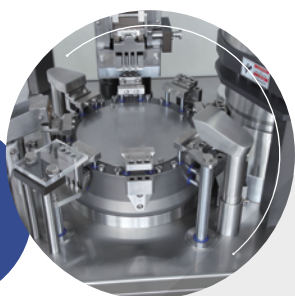
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NJP-400

Automatic Capsule Filling Machine

24000
Capsules
Per Hour



TECHNICAL PARAMETERS

Model	NJP-400
Productivity	400 pcs/min
Appropriate Capsule Size	00# - 4#
Mold Hole Quantity	3
Power Supply	380V, 50Hz, 3P
Total Power	3.75KW
Difference Of Filling Volume	±3% - ±4%
Noise	≤ 75dB (A)
Capsule Probability	99.9% for empty capsules Over 99.5% for full capsules
Machine Dimensions(L*W*H)	800*970*1870mm
Net weight	600kg

MACHINE BRIEF

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NJP-200

Automatic Capsule Filling Machine

12000
Capsules
Per Hour



TECHNICAL PARAMETERS

Model	NJP-200
Productivity	200 pcs/min
Appropriate Capsule Size	00# - 4#
Mold Hole Quantity	2
Power Supply	380V, 50Hz, 3P
Total Power	3.75KW
Difference Of Filling Volume	±3% - ±4%
Noise	≤ 75dB (A)
Capsule Probability	99.9% for empty capsules Over 99.5% for full capsules
Machine Dimensions(L*W*H)	750*680*1700mm
Net weight	600kg

MACHINE BRIEF

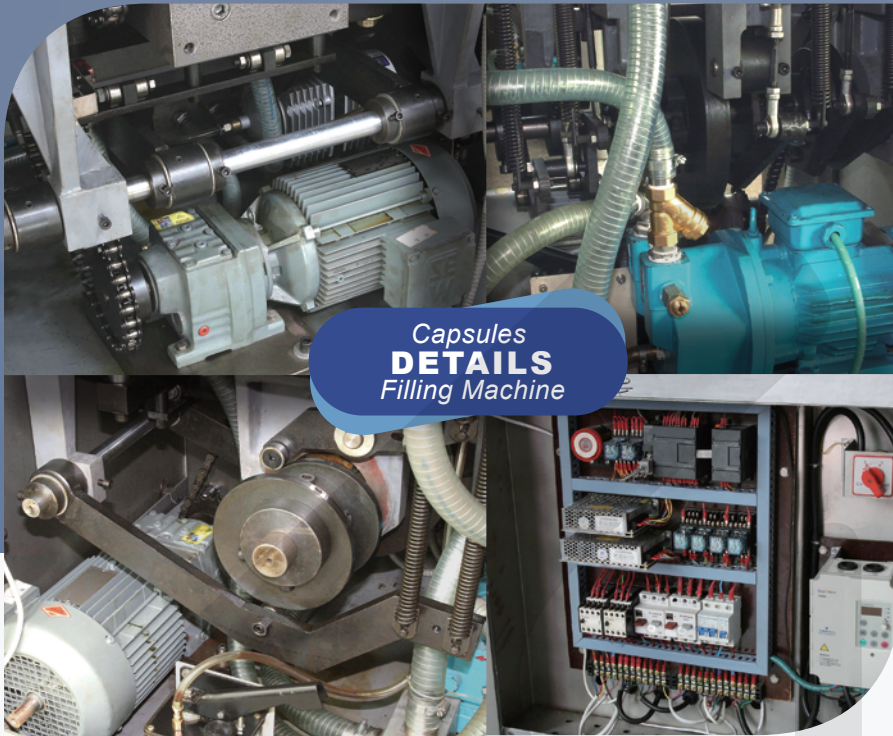
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Choose Innovative, Intelligent Capsule Filling Machines

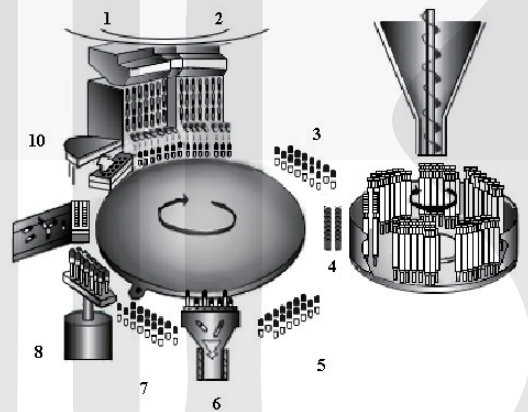
From Grand Machinery



Capsules
DETAILS
Filling Machine

- Station 1** Cap and Body Splitting
- Station 2** Die Assembly Moving
- Station 3** Reserved for Pellet Unit
- Station 4** Powder Column Filling
- Station 5** Reserved for Pellet Unit

- Station 6** Defect Capsule Cleaning
- Station 7** Joining
- Station 8** Lead-out of Joined Capsules
- Station 9** Die Hole Cleaning



Main Turret

All process will be finished at the machine turret



Cap and Body Splitting Device

The capsules in the charging hopper are fed vertically to capsule-feeding plate one by one, then to the outside end of straightener by horizontal fork, and fed to the die assembly by vertical fork and vacuum, then separate caps and bodies.



Dosage Filler

Powder is filled into capsule-body after pressing five times at powder chamber.

DTJ-C Semi-auto Capsule Filling Machine

200-300

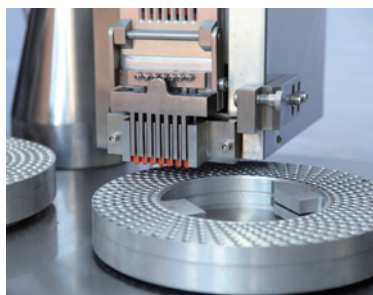
Capsules/min depends on operating speed



Performance and Characteristics

This machine has separated empty capsule feeding station, powder feeding station and capsule closing station. The medium processes need to be operated manually. The machine uses three inverters to control the speed of capsule feeding turret, powder feeding turret and the powder feeding auger, and adopts the new type capsule feeding structure. All the operation are very easy and simple, it can be adopted to fill the powder & granule material easily. The machine body and working table adopt stainless steel, it is easy to connect to the vacuum feeder. The machine conforms to the GMP sanitary requirement of pharmaceutical & nutrition industries. It is widely used for filling the powder & granule material in pharmaceutical & nutrition industries.

TECHNICAL PARAMETERS



Machine Model	DTJ-C
Max. Output	200-300 Capsules/min depends on operating speed
Capsule Size	Suitable for filling capsule size 00#-4# (Change parts /moulds need to be changed accordingly)
Dosage Type	Powder/granule material
Power Supply	380V±10%, 50/60Hz, 3ph, 2.12KW (can be customized)
Machine Size/N.W.	1200×700×1650mm Net Weight:400KG
Packing Size/G.W.	1650×720×1700mm Gross Weight:500KG

JFP-110A Capsule Polishing & Sorting Machine



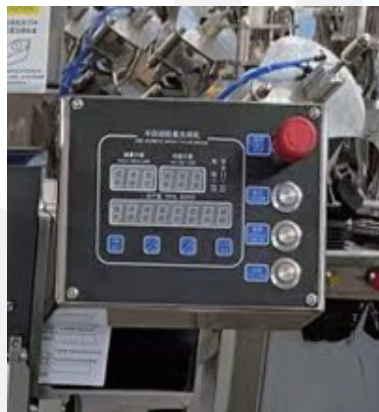
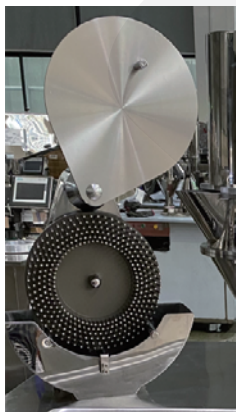
TECHNICAL PARAMETERS

Machine Model	JFP-110A
Output	0-30,000 capsules per hour
Motor power	180W
Power Supply	1P,220V,50/60Hz 1P,110V,50/60Hz 3P,380V,50/60Hz 3P,220V,50/60Hz
Compressed Air	250L/min, 0.3Mpa
Machine Size(LxWxH)	950x600x1000mm
Weight	45Kg

Vertical Sealing
Type

Horizontal Automatic
Sealing Type with Touch
screen control

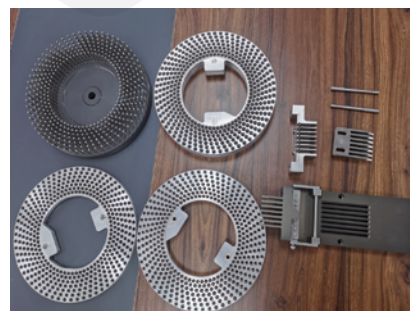
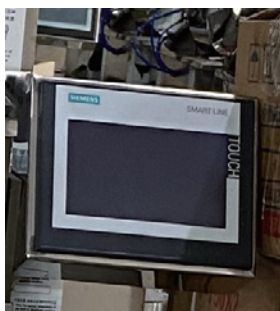
Button Controller



PLC+ Touch Screen
Controller (Option)

Capsule Rings

Capsule Changing
Part(Mould)



NJP-260 Automatic Liquid Capsule Filling Machine

15600

Capsules Per Hour



MACHINE BRIEF

NJP-260 Liquid automatic capsule filling machine, imported liquid pump and servo feed system and the closed die wheel design, ensure the filling quantity difference, measuring precision, control within the $\pm 3\%$. It can pack oily liquid, solution, suspension liquid or paste, etc.

This machine adopts automatic frequency control of motor speed, convenient and intuitive operation. The machine as the new century a new convenient dosing filling way and the idea, is the ideal equipment in the pharmaceutical, food, health care products industry.



CERTIFICATE

ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY DIRECTIVES

Technical file of the company mentioned below has been observed

2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive
have been taken as references for these processes

Company Name : **Wenzhou Grand Machinery Technology Co., Ltd.**

Company Address : No.555, Hongjin Road, Feiyun Street, Ruian 325207, Zhejiang,
China

Related Directives and Annex : **2006/42/EC Machinery Directive**
2014/30/EU Electromagnetic Compatibility Directive

Related Standards : **EN ISO 12100:2010, EN 60204-1:2018, EN 415-3:1999+A1:2009**
EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019

Product Name : **Automatic Capsule Filling Machine**

Report No and Date : MD-TCF-210419-30456, TEZJ21041930457

Product Brand/Model/Type : NJP-120, NJP-200, NJP-400, NJP-600, NJP-800, NJP-1000,
NJP-1200, NJP-1250, NJP-1500, NJP-1600, NJP-1800, NJP-2000,
NJP-2300, NJP-2500, NJP-2800, NJP-3000, NJP-3200, NJP-3500,
NJP-3800, NJP-4000, NJP-4200, NJP-5600, NJP-7200, NJP-7500

Certificate Number : **M.2021.206.C64001**

Initial Assessment Date : 22.04.2021

Registration Date : 23.04.2021

Reissue Date/No : -

Expiry Date : **22.04.2026**


UDEM International Certification
Auditing Training Centre Industry
and Trade Inc.Co.

The validity of the certificate can be checked through www.udemltd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

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Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76

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CE CERTIFICATION
FOR NJP SERIES CAPSULE FILLING MACHINE

GGG-240 P5

Liquid Filling and Sealing Machine



MACHINE BRIEF

This machine is a kind of plastic bottle thermoforming filling & sealing equipment, it's suitable for batch filling in medicine, syrup, health product, pesticide, cosmetic, perfume, food & beverage and nutrition etc.

FEATURES AND INNOVATION

1. High speed , high precision, and advanced motion controller. Stepless frequency control of motor speed control, servo motor to control the packing material drawing device.
2. Human machine interface, easy to operate
3. Automatic unwinding, one roll of packing material slitting. It is equipped with the double side photo electrical tracking function, the final product is beautiful and decent, which can completely meet with the high requirement of the packaging.
4. It adopts electrical peristaltic pump and mechanical piston pump, it is easy to adjust.
5. High filling precision, no dropping leakage, no foam and overflow.
6. The contact parts with material is high quality SS316L, the frame is SUS304 , it meets with the GMP requirement strictly.
7. The bottom of the bottle is flat and can stand up.

GGG-240 P5

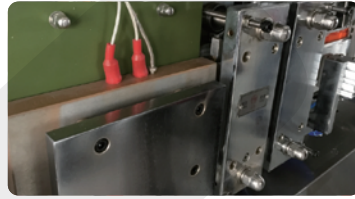
Liquid Filling and Sealing Machine

GGG SERIES

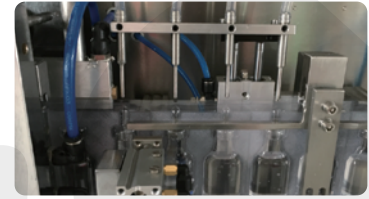
MAIN WORKING PROCESS



1 Packing Material Unwinding and Folding



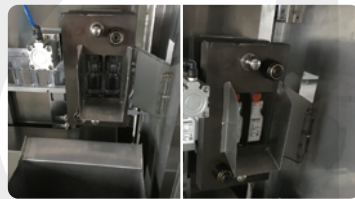
2 Packing Material Pre-heating and Forming



3 Filling Station



4 Sealing Station



5 Cutting and Final Product Output



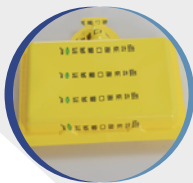
6 Sample

APPLICATION

WIDELY USE IN: Filling oral liquid, liquid pesticide & fertilizer, E-liquid, liquid & cream cosmetic, edible oil, beverage, and liquid health care product, etc.



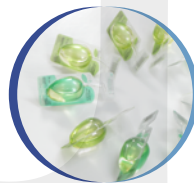
Cosmetics



Medical



Electronic Cigarette Oil



Olive oil



Oral Liquid



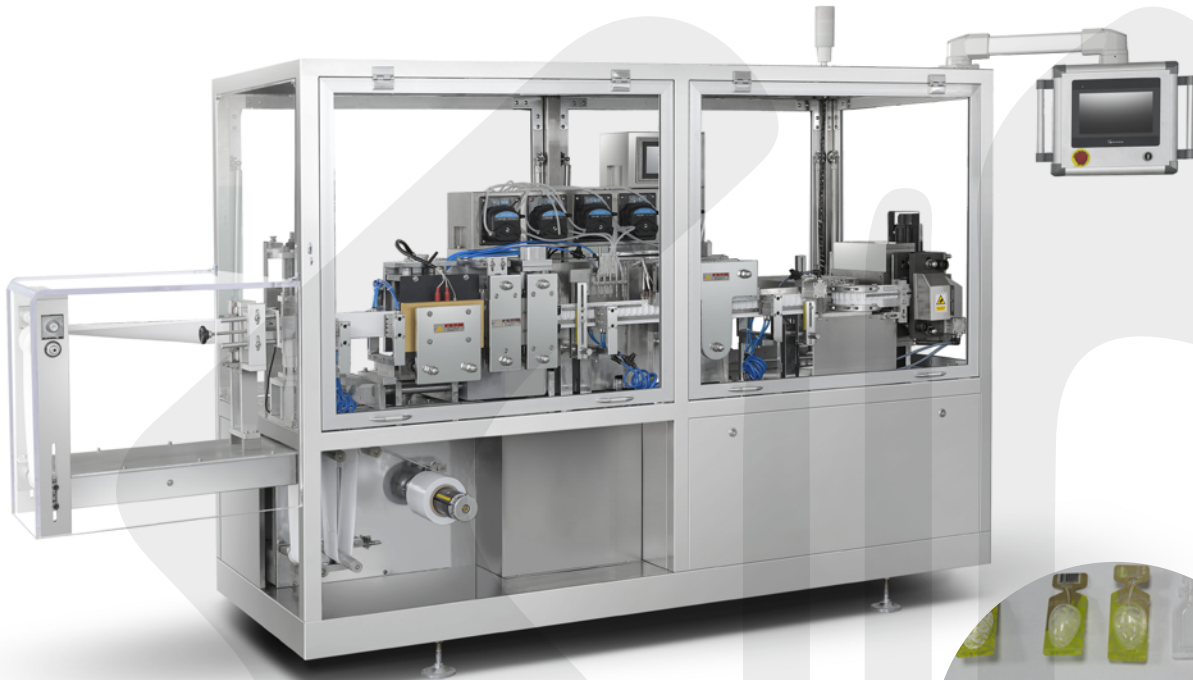
Pesticide

TECHNICAL PARAMETERS GGG-240 P5

Maximum Forming Depth	12mm
Forming Frequency	0-25 times
Packing Material	PVC/PE PET/PE(0.2-0.4)×240mm
Filling Volume	1-50ml
Total Power	7kW
Voltage Supply	380V 50HZ(can be customized)
Overall Machine Weight	1200kg
Overall Machine Dimension	3200×850×1400(mm)

GGG-240 P5-A

Liquid Filling and Sealing Machine



MACHINE BRIEF

This machine is a kind of plastic bottle thermoforming filling & sealing equipment, it's suitable for batch filling in pharmacy, pesticide, cosmetic, food & beverage and nutrition etc.

FEATURES AND INNOVATION

1. The machine adopts HC high speed, high precision motion controller, adopts a servo motor to control the drawing of the film, and makes adjustments more convenient and accurate.
2. The machine can finish the following working process automatically through the program: PVC roller release, PVC preheating, bottle forming filling sealing, punching, and cutting.
3. The machine adopts the human-machine interface making operation more simple.
4. The filling head has no leak through, no appear foam and overflow.
5. The contact parts with the filled liquid adopt SUS 316L, and conform to the GMP standard.
6. According to different filling materials, the filling system of machines can be chosen, peristaltic pump or rotary valve pump, to achieve a highly accurate measurement, and small filling difference.
7. GGS-240 P5-1 can make the standing bottle. Machine equipped with the eye mark tracking system function, making the product more beautiful.
8. The cutter is individually controlled by dual servo motors cutting can be adjusted freely.

GGG-240 P5-A

Liquid Filling and Sealing Machine

GGG SERIES

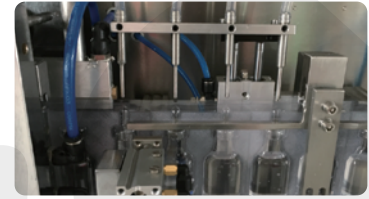
MAIN WORKING PROCESS



1 Packing Material Unwinding and Folding



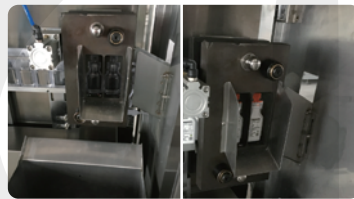
2 Packing Material Pre-heating and Forming



3 Filling Station



4 Sealing Station



5 Cutting and Final Product Output



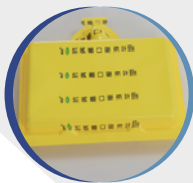
6 Sample

APPLICATION

WIDELY USE IN: Filling oral liquid, liquid pesticide & fertilizer, E-liquid, liquid & cream cosmetic, edible oil, beverage, and liquid health care product, etc.



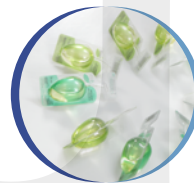
Cosmetics



Medical



Electronic Cigarette Oil



Olive oil



Oral Liquid



Pesticide

TECHNICAL PARAMETERS GGG-240 P5-A

Maximum Forming Depth	12mm
Forming Frequency	0-25 times
Packing Material	PVC/PE PET/PE(0.2-0.4)×140mm
Filling Volume	1-50ml
Total Power	7kW
Voltage Supply	380V 50HZ(can be customized)
Overall Machine Weight	1000kg
Overall Machine Dimension	3380×950×1800(mm)

GGG-118 P5

Liquid Filling and Sealing Machine



MACHINE BRIEF

This machine is a kind of compact type liquid filling and sealing machine, it is suitable for small batch filling for different product and widely used for filling oral liquid, perfume, liquid, essential oil, olive oil, health care product etc in pharmaceutical, herbal, pesticide, cosmetic, food and supplement area.

FEATURES AND INNOVATION

1. The machine adopts PLC control and stepless altering frequency adjustment.
2. The machine can finish the following 6 working station automatically through the programmer, roller sheet release, PVC/PE forming, filling, press the batch number, back-end crop, slitting
3. The machine adopts the human-machine interface operation, operation is easy and simple
4. The filling head has no leakage, no foam and overflow.
5. The contact parts with the material adopt SUS316L, which completely confirms to the GMP standard.
6. The main pneumatic component and electric parts adopt well-known brand products.
7. Filling system adopts mechanical pump, measuring is precisely and the difference is small. We can also design different pump for different product with various kinds of flow-ability.

GGG-118 P5

Liquid Filling and Sealing Machine

GGG SERIES

MAIN WORKING PROCESS



1 Packing Material Unwinding and Folding



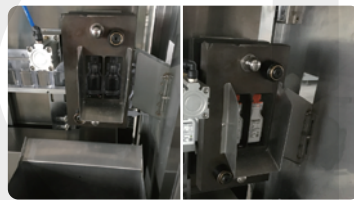
2 Packing Material Pre-heating and Forming



3 Filling Station



4 Sealing Station



5 Cutting and Final Product Output



6 Sample



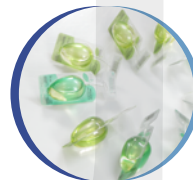
Cosmetics



Medical



Electronic Cigarette Oil



Olive oil



Oral Liquid



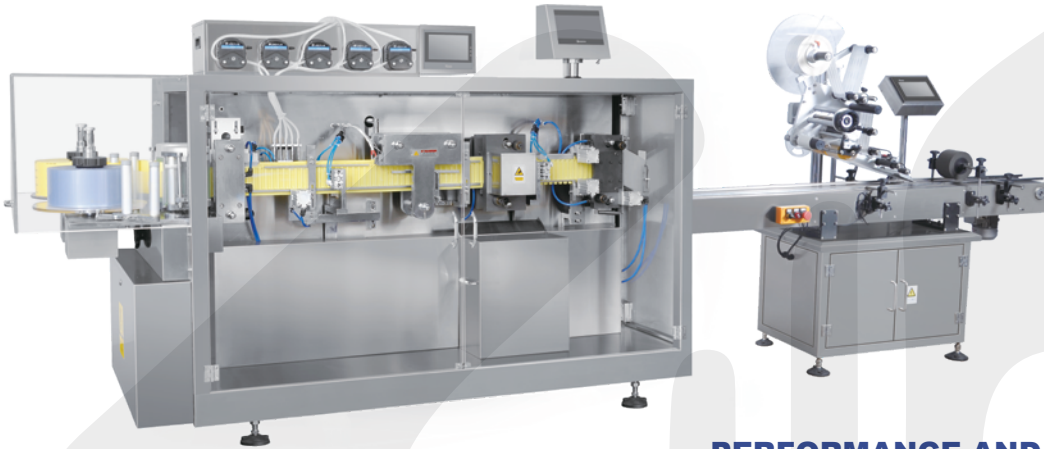
Pesticide

TECHNICAL PARAMETERS

Model	GGG-118 P5
Maximum Forming Depth	12mm
Forming Frequency	0-25 times
Packing Material	PVC/PE PET/PE(0.2-0.4)×140mm
Filling Volume	1-50ml
Total Power	7kW
Voltage Supply	220-380V 50HZ(can be customized)
Overall Machine Weight	900kg
Overall Machine Dimension	2300×850×1400(mm)

GGG-118 P5 & PM-100

Labeling Machine Linkage Production Line



PERFORMANCE AND FEATURE

After the filled and sealed product is output from the oral liquid filling and sealing machine, it is captured on the conveyor belt of the labeling machine for labeling by the transfer device of the mechanical arm, which saves labor force cost.

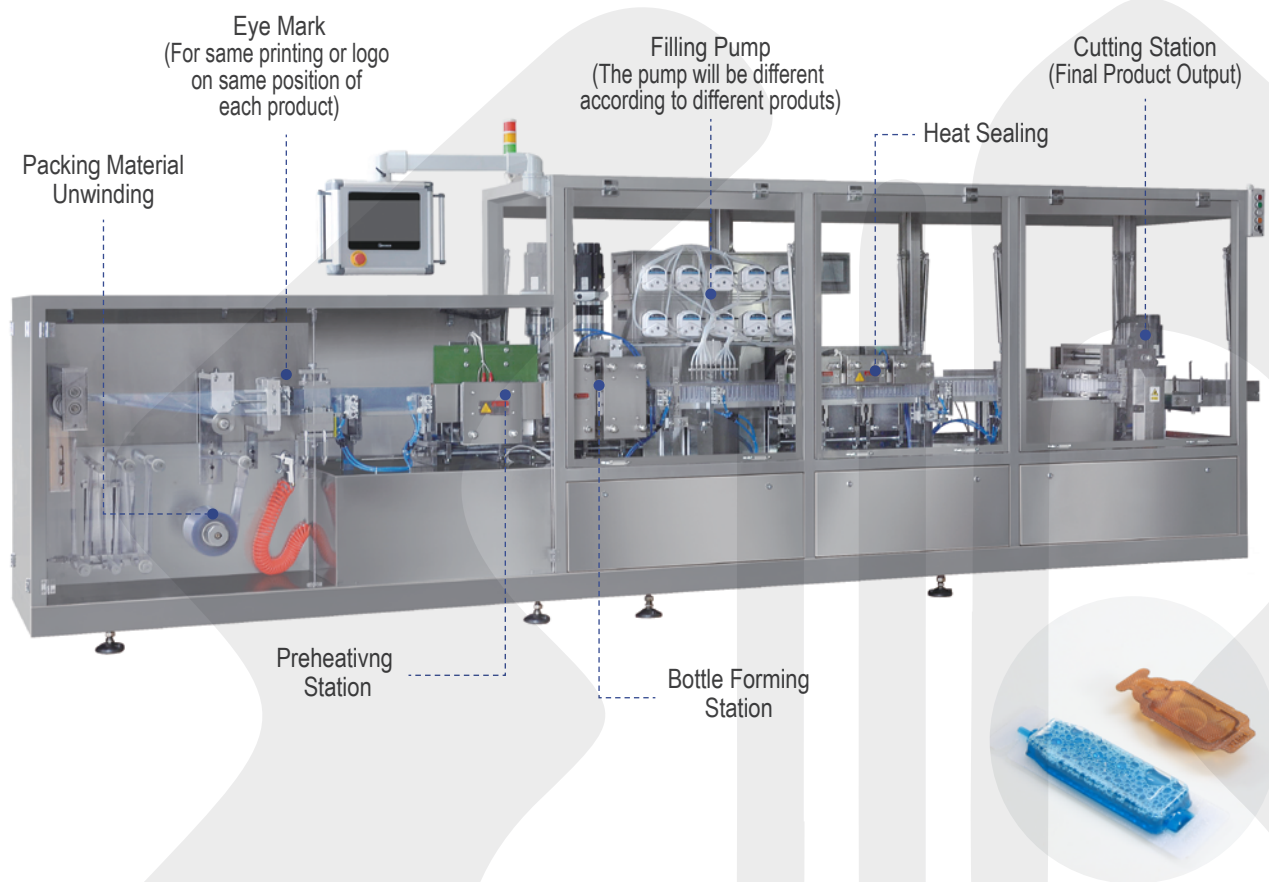


TECHNICAL PARAMETERS

Model	PM-100
Label Size	L58mm W6mm
Applicable Label Roll Inner Diameter	Φ76mm
Applicable Label Roll Inner Diameter	Max.Φ350mm
Machine Size	2000mmx600mmx1800mm
Voltage	AC220V,50Hz/60Hz,800W

GGG-240 P10

Liquid Filling and Sealing Machine



MACHINE BRIEF

This machine is a kind of plastic bottle thermoforming filling & sealing equipment, it's suitable for bigger batch filling in medicine, syrup, health product, pesticide, cosmetic, perfume, food & beverage and nutrition etc.

FEATURES AND INNOVATION

1. The machine adopts HC high speed, high precision motion controller, adopt servo motor control the machine running, adjusting more easy and accurate.
2. The machine can finish the following working procedure automatically through the program: PVC roller release, PVC preheating, bottle forming, filling, end sealing, press the batch number, punching and cutting.
3. The machine adopts the human-machine interface operation, operation is easy and simple
4. The filling head has no leakage, no foam and overflow.
5. The contact parts with the material adopt SUS316L, which completely confirms to the GMP standard.
6. Filling system can choose peristaltic pump, rotary valve pump according to different filling material, measuring is precisely and the filling difference is small.
7. This model can make the stand bottle, and has the eye mark tracking system function, make the product more beautiful.

GGG-240 P10

Liquid Filling and Sealing Machine

GGG SERIES

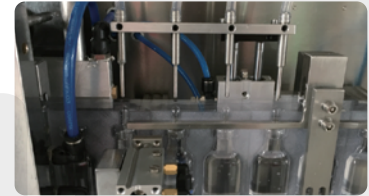
MAIN WORKING PROCESS



1 Packing Material Unwinding and Folding



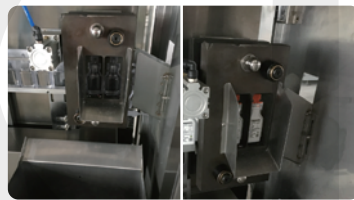
2 Packing Material Pre-heating and Forming



3 Filling Station



4 Sealing Station



5 Cutting and Final Product Output



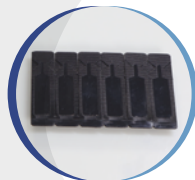
6 Sample



Cosmetics



Medical



Electronic Cigarette Oil



Olive oil



Oral Liquid



Pesticide

TECHNICAL PARAMETERS

Model	GGG-240 P10
Maximum Forming Depth	12mm
Forming Frequency	180-250 times
Packing Material	PVC/PE PET/PE PVC/EVOH
Filling Volume	1-100ml
Total Power	22kW
Voltage Supply	380V/50HZ
Overall Machine Weight	2000kg
Overall Machine Dimension	5200×1050×1800(mm)

GGG-240 P10

Liquid Filling Weighing and Cartoning Linkage Production Line



PERFORMANCE AND FEATURE

This production line perfectly connects liquid filling and sealing machine, checking scale and cartoning machine together, to greatly save labor cost and satisfy the customers' requirements for equipment automation. With the application of checking scale, the machine can reject products with unqualified filling volume, strictly control the filling volume and make sure that the filling volume of all products to be cartoned is fully up to the standard. Besides, the cartoning machine meets the customers' needs of following packaging and greatly improves the products' additional value.



GS-150
Checking Weigher

DZH-120
Automatic Horizontal
Cartoning Machine

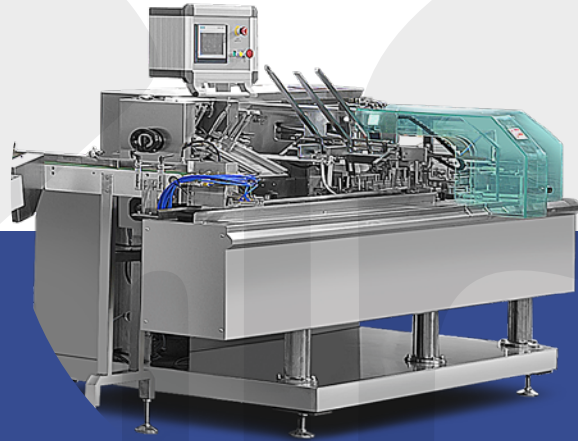
GS-150 Checking Weigher



It can be set to store 100 kinds of product testing data, which is convenient for users to switch and call.

The mechanical structure is simple, and the buckle conveyor belt is convenient for disassembly, cleaning and maintenance.

DZH-120 Automatic Horizontal Cartoning Machine



Easy, stable and reliable operation.

It adopts PLC control and touch screen display operation, which can accurately display the production status.

Equipped safety device.

TECHNICAL PARAMETERS

Model	GS150
Sorting Range	5-500g
Min. Scale	0.1g
Max. Sorting Speed	130pcs/min
Product Restrictions (L/W/H)	200mm/150mm/3-200mm
Operation	7 inches touch screen interface
Elimination Method	push plate/blowing
Belt Height from the Ground	750±50mm (can be customized)
Machine Material	sus304
Power supply	220v 50-60hz
Power	about 100w
Table Size	316x150mm
Weight	about 60 kg

Model	DZH-120
Packing Speed	30-120 carton/min
Carton Quality Requirement	250-350g/ m ²
Carton Size Range	(70-200)x(30-80)x(15-50)mm
Leaflet Quality Requirement	60-70g/ m ²
Leaflet Unfolded Size Range(LxW)	(80-250)x(90-170)mm
Leaflet Folding Range(LxW)	1-4 folds
Compressed Air Work Pressure	20.6mpa
Compressed Air Air Consumption	120-160 L/min
Power Supply	380V 50HZ
Main Motor Power	15kw
Dimensions(LxWxH)	3700x1200x1750mm
Net Weight of Whole Machine	about 1200kg



C E R T I F I C A T E

ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY DIRECTIVES

Technical file of the company mentioned below has been observed

2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive
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Company Address : No.555, Hongjin Road, Feiyun Street, Ruian 325207, Zhejiang,
China

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Related Standards : **EN ISO 12100:2010, EN 60204-1:2018, EN 415-3:1999+A1:2009**
EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019

Product Name : **Automatic Liquid Filling and Sealing Machine**

Report No and Date : MD-TCF-210419-30454, TEZJ21041930455

Product Brand/Model/Type : GGS-118P2, GGS-118P5, GGS-240P5, GGS-240 P5-A,
GGS-240P10, GGS-240P15

Certificate Number : **M.2021.206.C64000**

Initial Assessment Date : 22.04.2021

Registration Date : 23.04.2021

Reissue Date/No : -

Expiry Date : 22.04.2026

U. Bayraktar
UDEM International Certification
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The validity of the certificate can be checked through www.udemltd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

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Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76

E-mail: info@udemltd.com.tr www.udem.com.tr



CE CERTIFICATION

FOR GGS SERIES LIQUID FILLING AND SEALING MACHINE

GDZ-50

Multi-functional Vertical Box Cartoning Machine



MACHINE BRIEF

GDZ-50 Multifunctional Vertical Box Packing Machine is a box packing machine which can select the degree of automation as required. It's capable of packing reverse type tuck in cartons for various industries like pharma, food, cosmetics, etc.

This equipment is specially designed for small output and multi-size carton packaging with multi advantages of saving labor cost, high production efficiency and etc.

FEATURES AND INNOVATION

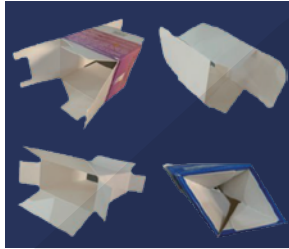
1. It is specially design to pack small quantities multi-size boxes.
2. With low cost and small floor area.
3. The machine is a vertical type with multiple functions and it takes short time to change mould.
4. 304 stainless steel case.
5. Adopts advanced PLC control system combined with a 5.7" colorful touch screen control panel that can easily set and change packaging parameters.

GDZ-50

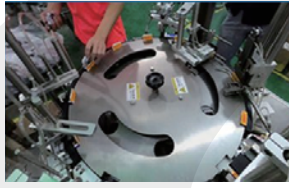
Multi-functional Vertical Box Cartoning Machine

With Robot Arm

Can Solve
Various Styles
of Open and Close
Boxes



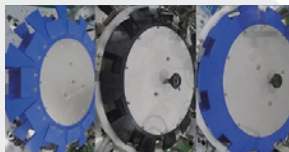
Manual Cartoning



Optional Robot Arm
Automatic Cartoning



Multiple Molds
for One Machine



PACKING PROCESS

- 1 Push box into star wheel
- 2 Fold box lower small flap
- 3 Press both lower big flaps
- 4 Flatten both big flaps
- 5 Product fills into boxes
- 6 Fold box upper small flap
- 7 Press both upper big flaps
- 8 Flatten both big flaps
- 9 Product push-out

TECHNICAL PARAMETERS

Model No.	GDZ-50
Production Speed:	20-50 boxes/min
Paper Box's Largest Size	200mm x 80mm x 80mm
Paper Box's Smallest Size	60mm x 20mm x 20 mm
Paper Quality of Carton	250-350g/m ³
Motor Horsepower	1/4HP 15:1, 1.5KW/H
Power Supply	220V, 50/60Hz, Single Phase
Machine Noise	≤80dB
Gas Source	0.5-0.8 Mpa
Compress Air Consumption	260L/min
Machine measurement:	L 1100 x W 1500 x H 1700 mm
Machine Weight	450Kg

GDZ-50 Multi-functional Vertical Box Cartoning Machine With Glue Device



WIDE PACKAGING RANGE & MULTI-SIZE CARTON PACKAGING

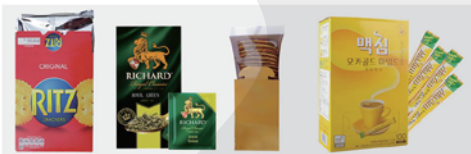
● Medicine



● Cosmetic



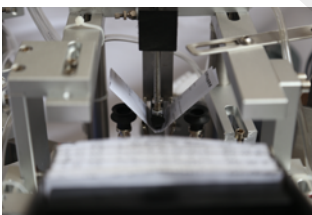
● Food



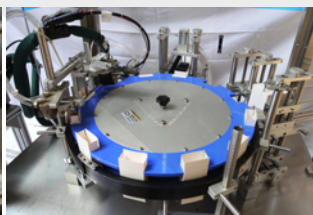
● Daily Necessities



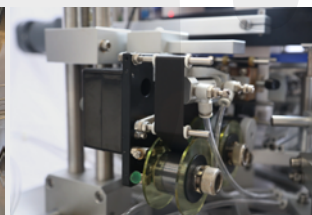
OPTION



Auto Leaflet Inserting



Hot Glue

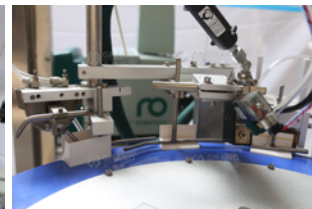
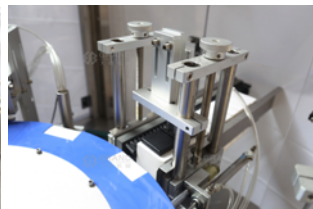


Hot Ribbon Date Code



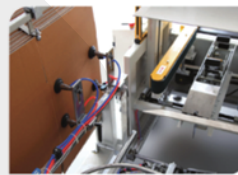
Robot Arm Automatic Feeding

DETAILS



Automatic Cartoning Packing Line

*For General Specification
Corrugated Paper*

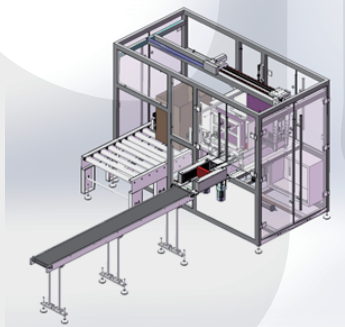


Part 1. Automatic Carton Unpacking

It can do the process of unpacking the carton, bending the bottom flap, sticking the tape at the bottom of the box, and outputting which is economical and efficient.

Part 2. Automatic Carton Packing

The empty box is pushed for packing after the tray is automatically palletized.



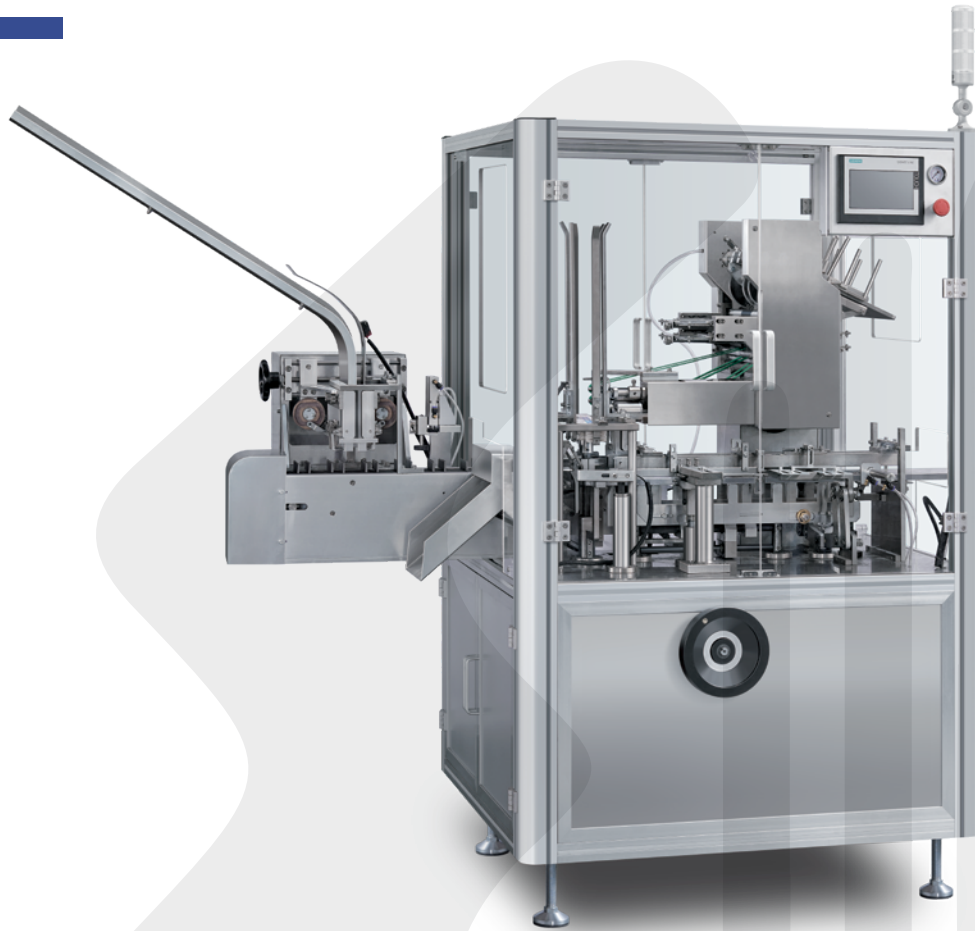
Part 3. Automatic Carton Sealing

It can automatically bend the inner part of the carton and fold the tape.



GDZ-120

Automatic Cartoning Machine



MACHINE BRIEF

GDZ 120 Automatic Cartoning Machine is new model developed basing on integrated domestic and foreign vanguard technology. It is high technology product incorporates pneumatic-photo-electro-mechanic which improves by a large on performance of equipment and working efficiency, realize encasing fast, keep running steady and reliable when fast running.

FEATURES AND INNOVATION

1. International famous brand of electrical component such as PLC touch screen, frequency inverters, etc.
2. Adopt human-machine operation system.
3. Automatically stop when machine is overloads.
4. Automatically reject lacking of package product and leaflet.
5. Automatically display trouble, alarm and count finished products.
6. Stable performance, operation is easy.



GDZ-120 Automatic Cartoning Machine

SCOPE OF APPLICATION DISPLAY

WIDELY USE IN: Food, Entertainment, Hardware, Medicine, Electrical Appliances, Cosmetics, Pesticides, Daily Necessities industries for the packaging of blisters, bottles, vials, pillow packs, toothpaste, etc.



Cosmetics



Hardware Products



Daily Necessities



Medical Supplies



TECHNICAL PARAMETERS

Model No.	GDZ-120	
Encasing Speed	30-120 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(65-180)mm*(35-85)mm*(15-50)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	(1-4)Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	120-160L/min
Power Supply	220V/380V 50HZ (can be customized)	
Main Motor Power	0.75kw	
Machine Dimension(L×w×h)	2200mm×1140mm×1800mm	
Machine Weight	1200kg	

GDZ-120

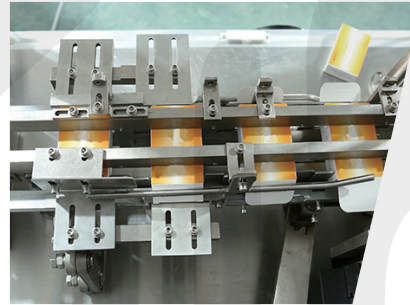
Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



PLC Control

Operation Panel
Easy to Operate
and Use

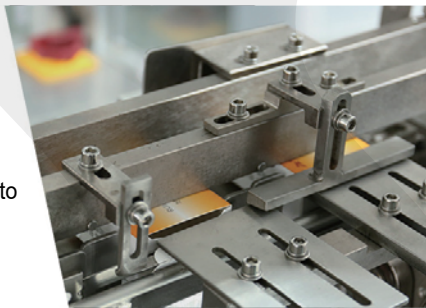


Multilayer Quality Inspection

Strict quality
inspection
low failure rate

Fast Conversion

Wide range of
packaging, easy to
adjust to fit a
variety of
specifications



Fully Automatic Design

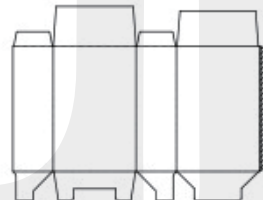
Intelligent operation
save manpower
and material
resources



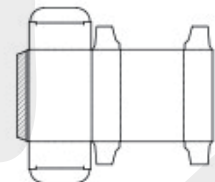
SCOPE OF CARTON TYPE



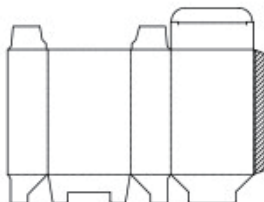
Leaflet insert upper
and glue spray lower



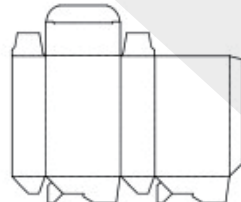
Glue spray upper
and interlock lower



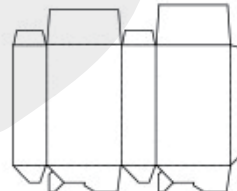
Leaflet insert upper, lower
and same direction



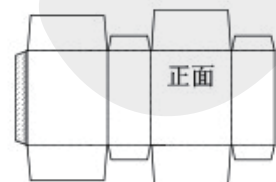
Leaflet insert upper
and interlock lower



Leaflet insert upper
and self forming lower



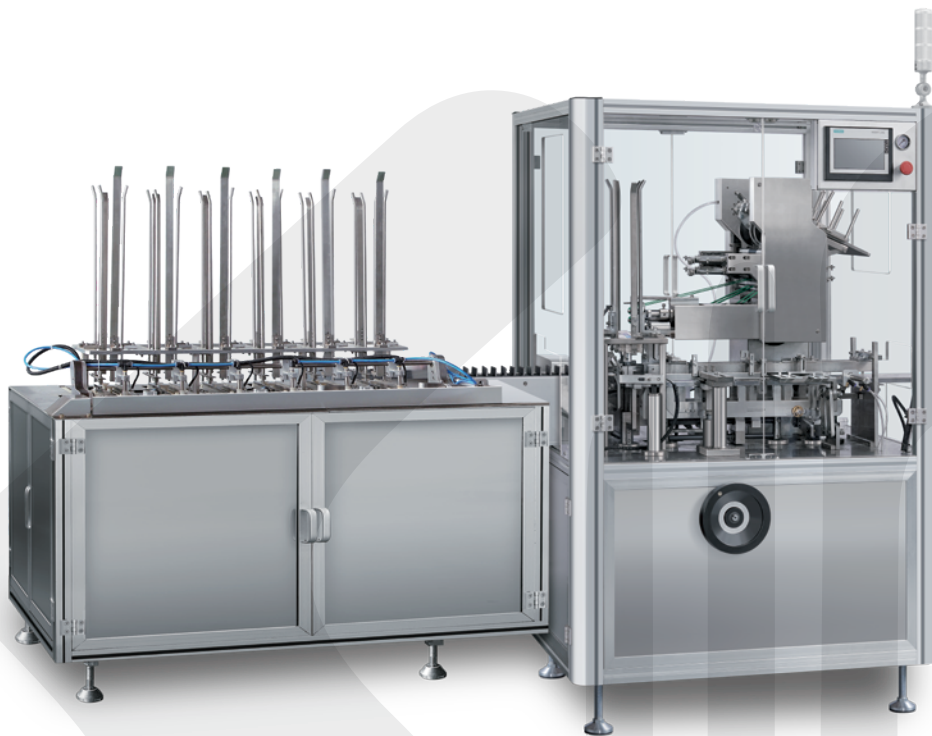
Glue spray upper
and self forming lower



Glue spray upper
and lower

GDZ-120D

Automatic Cartoning Machine



MACHINE BRIEF

GDZ 120D Automatic Cartoning Machine is new model developed basing on integrated domestic and foreign vanguard technology. It is high technology product incorporates pneumatic-photo-electro-mechanic which improves by a large on performance of equipment and working efficiency, realize encasing fast, keep running steady and reliable when fast running.

This machine is suitable for automatic feeding bottle(round, square bottle)or jar into carton. On line bottle unscramble and feeding, leaflets fold(1-4 folds) and feeding, leaflet detecting, carton opening and forming, products and leaflet pushing into carton, printing batch number, sealing carton with tuck-in or hot melt glue device. Automatically reject lacking or leaflet or product and finished product out.

FEATURES AND INNOVATION

1. International famous brand of electrical component such as PLC touch screen, frequency inverters, etc.
2. Adopt human-machine operation system.
3. Automatically stop when machine is overloads.
4. Automatically reject lacking of package product and leaflet.
5. Automatically display trouble, alarm and count finished products.
6. Stable performance, operation is easy.



GDZ-120D Automatic Cartoning Machine

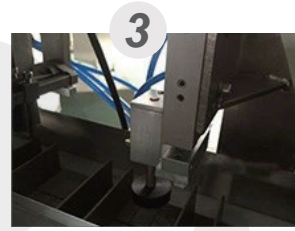
PRODUCTION PROCESS



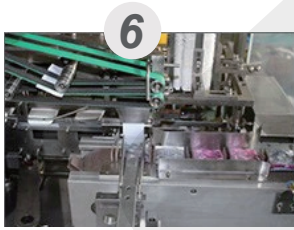
1: Product sucking and feeding into the conveyor



2: Box sucking and shaping



3: Product quality inspection



6: Product and leaflet pushing into the box



5: Leaflet folding



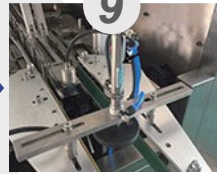
4: Wrong product quantity rejection



7: Batch No. and date Stainless steel printing



8: Box tuck-in closing or hot melt glue sealing



9: Rejection device for lacking of product or leaflet



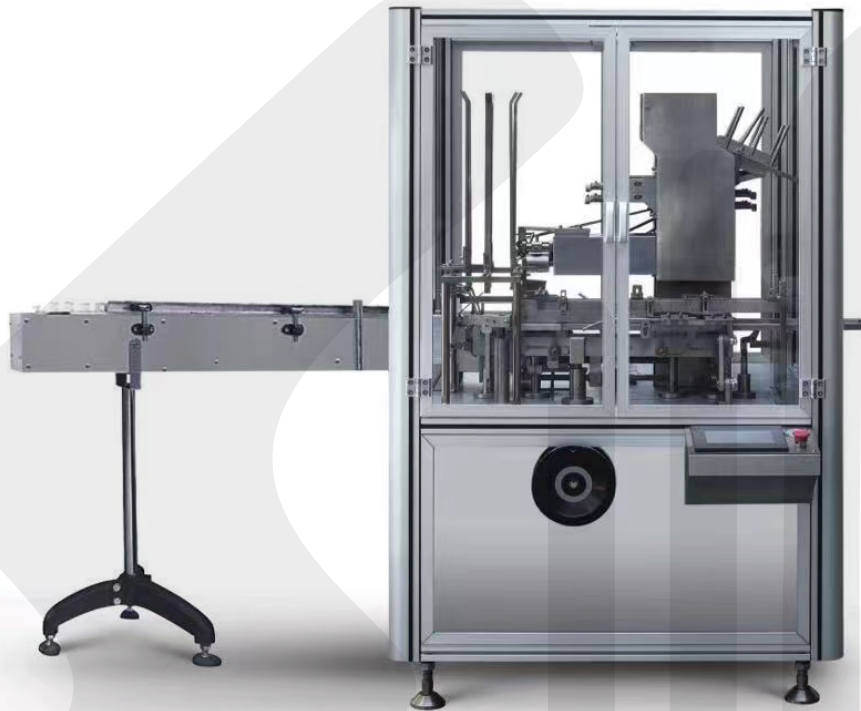
10: Final product output

TECHNICAL PARAMETERS

Model No.		GDZ-120D
Encasing Speed		30-120 boxes /min
Box Quality Requirement		250-350g/m ² (Base on carton size)
Box Dimension Range(L×W×H)		(65-155)mm*(35-85)mm*(14-50)mm
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	(1-4)Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	200-240L/min
Power Supply		380V 50HZ (can be customized)
Main Motor Power		0.75kw
Machine Dimension(L×w×h)		2880mm*1140mm*1800mm
Machine Weight		About 1500kg

GDZ-120G

Automatic Cartoning Machine



MACHINE BRIEF

As a light, electric, pneumatic and machinery integration, GDZ-120G has improved performance and working efficiency. The equipment can carton quickly and keep stable and reliable during high speed operation.

Such cartoning machines can carton products such as ointment. Its working process consists of product conveying, leaflet conveying and folding (1-4 folds), carton forming and conveying, products and leaflet conveying, batch number printing and carton sealing (hot melting glue machine can be equipped).

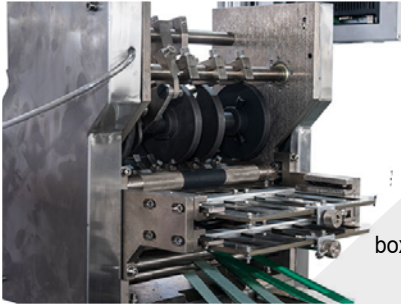
FEATURES AND INNOVATION

1. PLC control system, frequency converter and other electric components are all outsourced from international brands.
2. The equipment adopts HMI operation system.
3. The equipment stops automatically when it is overloaded.
4. Cartons without products or leaflets will be rejected.
5. The equipment can display errors, alarm and count end products.
6. The equipment works stably and can be operated easily.



GDZ-120G Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



Adopts Protective Devices

Adopts main drive motor overload protection device. when goods into boxes are not in place, stop automatically



Multilayer Quality Inspection

Strict quality inspection
low failure rate

Fast Conversion

Wide range of packaging, easy to adjust to fit a variety of specifications



Fully Automatic Design

Intelligent operation save manpower and material resources



APPLICATIONS

Food, Entertainment, Hardware, Medicine, Electrical Appliances, Cosmetics, Pesticides, Daily Necessities, etc.

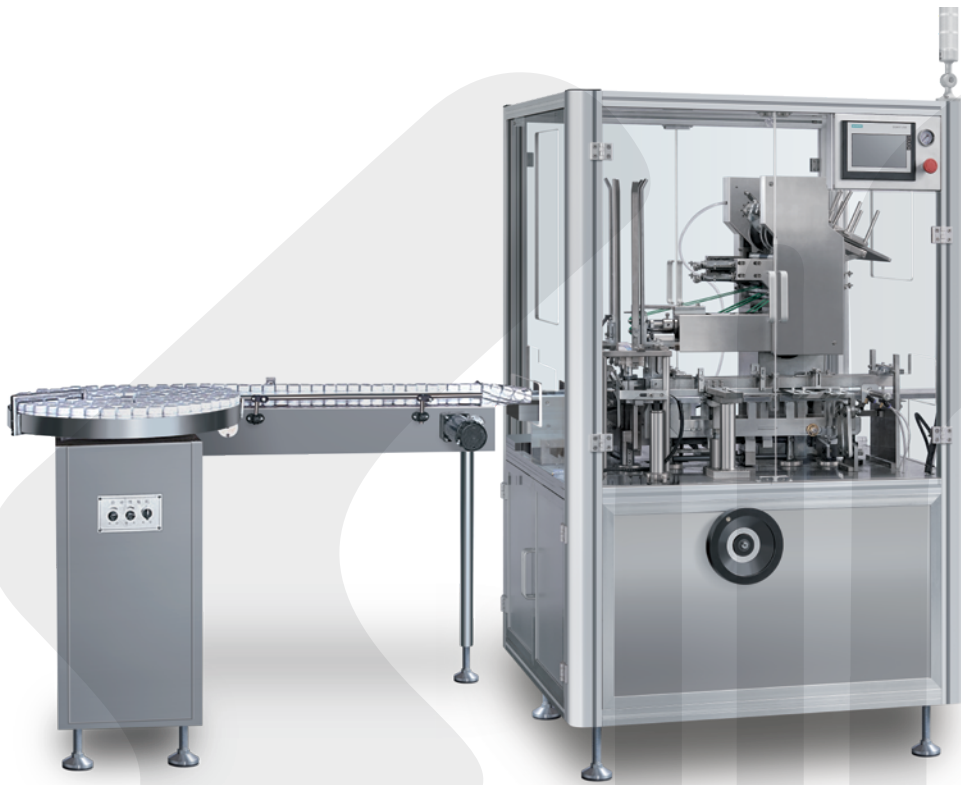


TECHNICAL PARAMETERS

Model No.	GDZ-120G	
Encasing Speed	30-80 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(65-155)mm*(35-85)mm*(14-55)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	(1-4)Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	120-160L/min
Power Supply	220V 50HZ	
Main Motor Power	0.75kw	
Machine Dimension(L×w×h)	2000mm*1140mm*1800mm	
Machine Weight	About 1100kg	

GDZ-120P

Automatic Cartoning Machine



MACHINE BRIEF

As a light, electric, pneumatic and machinery integration, GDZ-120P has improved performance and working efficiency. The equipment can carton quickly and keep stable and reliable during high speed operation.

Such cartoning machines can carton products such as ointment. Its working process consists of product conveying, leaflet conveying and folding (1-4 folds), carton forming and conveying, products and leaflet conveying, batch number printing and carton sealing (hot melting glue machine can be equipped).

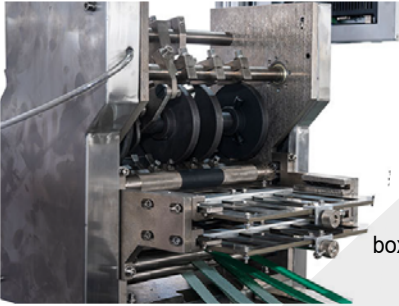
FEATURES AND INNOVATION

1. PLC control system, frequency converter and other electric components are all outsourced from international brands.
2. The equipment adopts HMI operation system.
3. The equipment stops automatically when it is overloaded.
4. Cartons without products or leaflets will be rejected.
5. The equipment can display errors, alarm and count end products.
6. The equipment works stably and can be operated easily.



GDZ-120P Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



Adopts Protective Devices

Adopts main drive motor overload protection device. when goods into boxes are not in place, stop automatically



Multilayer Quality Inspection

Strict quality inspection
low failure rate

Fast Conversion

Wide range of packaging, easy to adjust to fit a variety of specifications



Fully Automatic Design

Intelligent operation save manpower and material resources



APPLICATIONS

Food, Entertainment, Hardware, Medicine, Electrical Appliances, Cosmetics, Pesticides, Daily Necessities, etc.

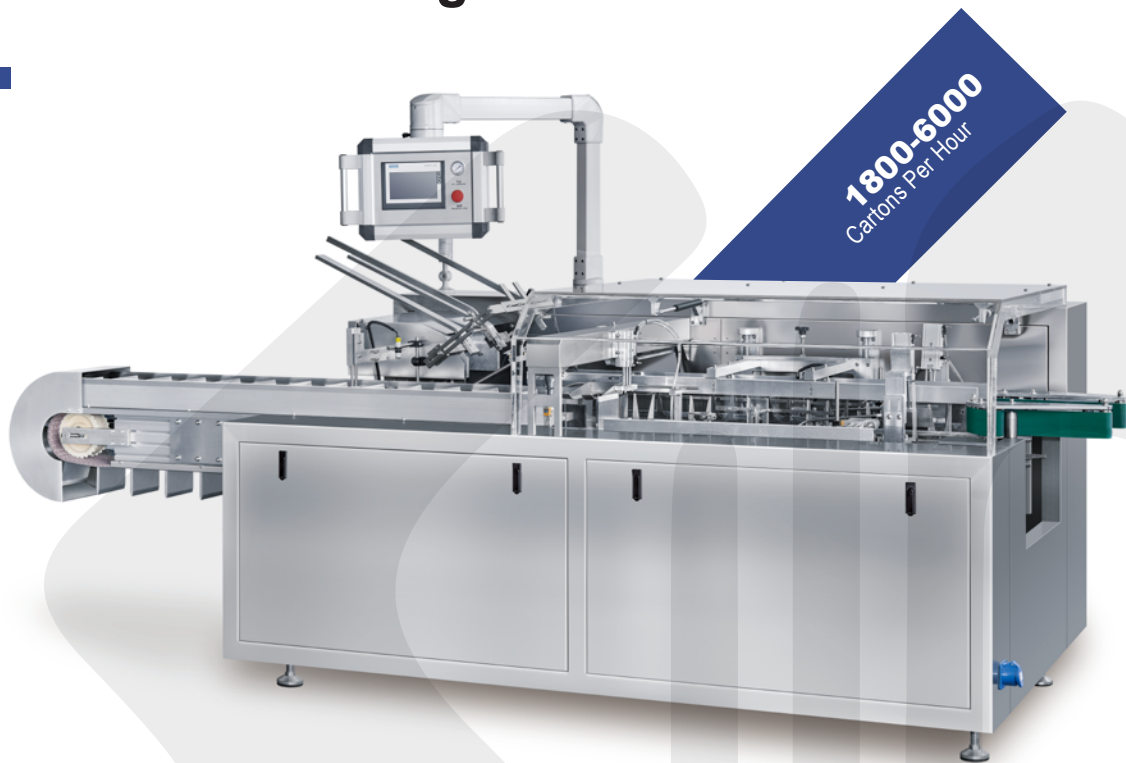


TECHNICAL PARAMETERS

Model No.	GDZ-120P	
Encasing Speed	30-120 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(65-155)mm*(35-85)mm*(14-55)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	(1-4)Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	120-160L/min
Power Supply	380V 50HZ (can be customized)	
Main Motor Power	1.5kw	
Machine Dimension(L×w×h)	2700mm*1140mm*1800mm	
Machine Weight	About 1100kg	

GDZ-130

Automatic Cartoning Machine



MACHINE BRIEF

GDZ is the machine developed by our company after the introduction of both domestic and foreign leading technologies. It is a light, electric, pneumatic and machinery integration. With its high-tech setting, the machine can have stronger production performance and higher working efficiency for customers' requirements of quick cartoning. Besides, the machine can keep stable and reliable even during high-speed operation.

The machine is applicable in fields of foodstuff, pharmaceutical industry, daily chemicals, entertainment and hardware to carton products automatically. It is convenient to adjust automatic feeding device and control cartoning speed on the touch screen. The machine can also automatically detect products online, print batch number, mechanically seal the cartons (or seal them with hot melt glue), reject the unqualified and discharge the end products.

FEATURES AND INNOVATION

1. PLC control system, frequency converter and other electric components are all outsourced from international brands.
2. HMI for operation setting;
3. The machine can stop automatically if it is mechanically overloaded;
4. The machine can automatically reject cartons without products or leaflets;
5. The machine can display errors, alarm and count the end products;
6. The machine features stable performance and simple operation.



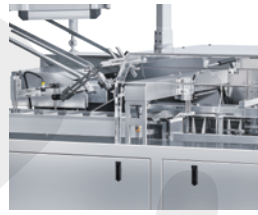
GDZ-130 Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



Simplification

Intelligent touch screen and microcomputer to control packing process
Operation is simple and easy

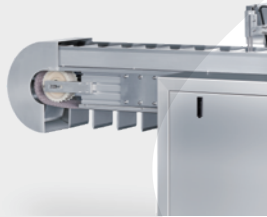


Efficiency

The equipment can produce fast and also can keep stable, reliable during high-speed operation.

Intelligent

Intelligent control of mechanical equipment and productive process
Good reliability
Fast operation speed



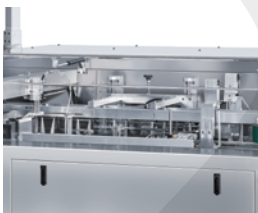
Durability

The machine body adopts high quality 304 stainless steel, fine workmanship and durability



Stability

Adopts photoelectric eye automatic detection and tracking system which greatly save the cost of packaging materials



TECHNICAL PARAMETERS

Model No.	GDZ-130	
Encasing Speed	30-120 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(70-200)mm*(35-120)mm*(14-70)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	1-4 Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	120-160L/min
Power Supply	380V 50HZ (can be customized)	
Main Motor Power	1.5kw	
Machine Dimension(L×w×h)	4100mm*1100mm*1550mm	
Machine Weight	About 1400kg	

GDZ-130D

Automatic Cartoning Machine



MACHINE BRIEF

GDZ 130D Automatic Cartoning Machine is new model developed basing on integrated domestic and foreign vanguard technology. It is high technology product incorporates pneumatic-photo-electro-mechanic which improves by a large on performance of equipment and working efficiency, realize encasing fast, keep running steady and reliable when fast running.

This machine is suitable for automatic feeding bottle(round, square bottle)or jar into carton. On line bottle unscramble and feeding, leaflets fold(1-4 folds) and feeding, leaflet detecting, carton opening and forming, products and leaflet pushing into carton, printing batch number, sealing carton with tuck-in or hot melt glue device. Automatically reject lacking or leaflet or product and finished product out.

FEATURES AND INNOVATION

1. International famous brand of electrical component such as PLC touch screen, frequency inverters, etc.
2. Adopt human-machine operation system.
3. Automatically stop when machine is overloads.
4. Automatically reject lacking of package product and leaflet.
5. Automatically display trouble, alarm and count finished products.
6. Stable performance, operation is easy.



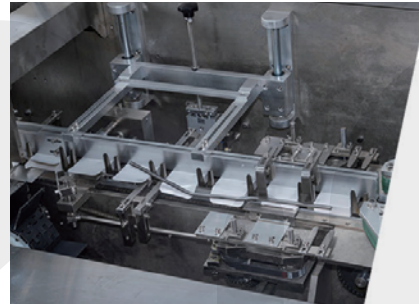
GDZ-130D Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



Adopts PLC Control System

Equipped with operation panel. Easy to operate and to use

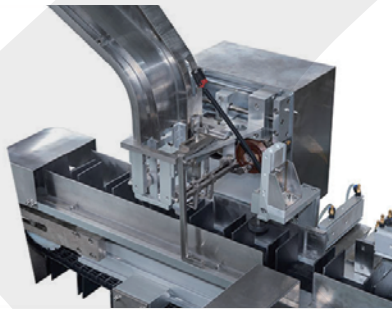


Multilayer Quality Inspection

Strict quality inspection low failure rate

Fast Conversion

Wide range of packaging, easy to adjust to fit a variety of specifications



Fully Automatic Design

Intelligent operation save manpower and material resources



APPLICATIONS

Food, Entertainment, Hardware, Medicine, Electrical Appliances, Cosmetics, Pesticides, Daily Necessities, etc.

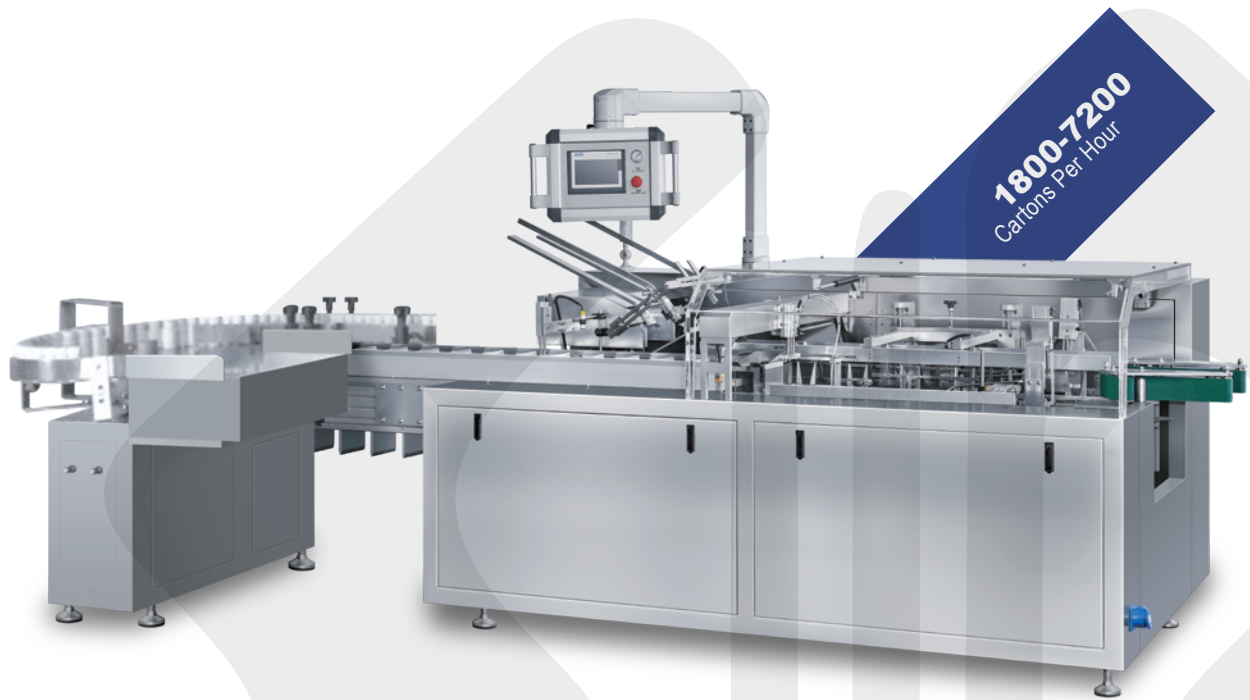


TECHNICAL PARAMETERS

Model No.	GSZ-130D	
Encasing Speed	30-120 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(70-200)mm*(35-120)mm*(14-70)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	1-4 Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	200-240L/min
Power Supply	380V 50HZ (can be customized)	
Main Motor Power	1.5kw	
Machine Dimension(L×w×h)	4300mm*1100mm*1650mm	
Machine Weight	About 1600kg	

GDZ-130P

Automatic Cartoning Machine



MACHINE BRIEF

As a light, electric, pneumatic and machinery integration, GDZ-130P has improved performance and working efficiency. The equipment can carton quickly and keep stable and reliable during high speed operation.

Such cartoning machines can carton bottles (round or flat). Its working process consists of product conveying, leaflet conveying and folding (1-4 folds), leaflet detecting, carton forming and conveying, products and leaflet conveying, batch number embossing and mechanical carton sealing (or with hot melting glue), rejecting and end product discharging.

FEATURES AND INNOVATION

1. PLC control system, frequency converter and other electric components are all outsourced from international brands.
2. The equipment adopts HMI operation system.
3. The equipment stops automatically when it is overloaded.
4. Cartons without products or leaflets will be rejected.
5. The equipment can display errors, alarm and count end products.
6. The equipment works stably and can be operated easily.



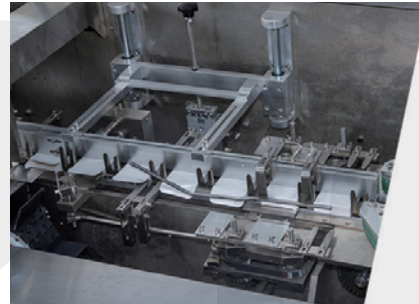
GDZ-130P Automatic Cartoning Machine

MACHINE DETAILS DISPLAY



Adopts PLC Control System

Equipped with operation panel. Easy to operate and to use

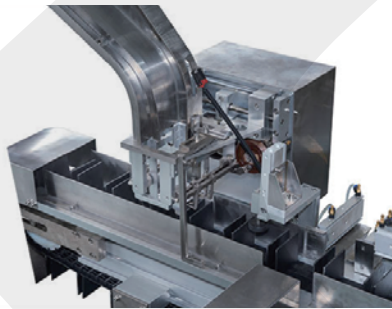


Multilayer Quality Inspection

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low failure rate

Fast Conversion

Wide range of packaging, easy to adjust to fit a variety of specifications



Fully Automatic Design

Intelligent operation save manpower and material resources



APPLICATIONS

Food, Entertainment, Hardware, Medicine, Electrical Appliances, Cosmetics, Pesticides, Daily Necessities, etc.



TECHNICAL PARAMETERS

Model No.	GDZ-130P	
Encasing Speed	30-120 boxes /min	
Box Quality Requirement	250-350g/m ² (Base on carton size)	
Box Dimension Range(L×W×H)	(70-200)mm*(35-120)mm*(14-70)mm	
Leaflet	Quality Requirement	60-70g/m ²
	Unfolded Leaflet Specification	(80-250)mm*(90-170)mm
	Fold Range	1-4 Fold
Compressed Air	Working Pressure	≥0.6mpa
	Air Consumption	120-160L/min
Power Supply	380V 50HZ (can be customized)	
Main Motor Power	1.5kw	
Machine Dimension(L×w×h)	4100mm*1100mm*1550mm	
Machine Weight	About 1400kg	



C E R T I F I C A T E

ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY DIRECTIVES

Technical file of the company mentioned below has been observed

2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive
have been taken as references for these processes

Company Name	: Wenzhou Grand Machinery Technology Co., Ltd.
Company Address	: No.555, Hongjin Road, Feiyun Street, Ruian 325207, Zhejiang, China
Related Directives and Annex	: 2006/42/EC Machinery Directive 2014/30/EU Electromagnetic Compatibility Directive
Related Standards	: EN ISO 12100:2010, EN 60204-1:2018, EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019, EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
Product Name	: Automatic Cartoning Machine
Report No and Date	: MD-TCF-210728-32526, TEZJ21072832551
Product Brand/Model/Type	: DJ-50, GDZ50, GDZ50D, GDZ100, GDZ120, GSZ-120, GDZ130, GDZ180, GDZ260, GDZ320, GDZ450
Certificate Number	: M.2021.206.C66617
Initial Assessment Date	: 29.07.2021
Registration Date	: 30.07.2021
Reissue Date/No	: -
Expiry Date	: 29.07.2026


UDEM International Certification
Auditing Training Centre Industry
and Trade Inc.Co.

The validity of the certificate can be checked through www.udemltd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

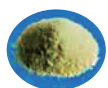
Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY
Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76
E-mail: info@udemltd.com.tr www.udem.com.tr



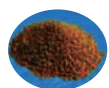
CE CERTIFICATION
FOR AUTOMATIC CARTONING MACHINE

LM Series Super Mixer

APPLICATION



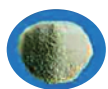
Pharmacy



Foodstuff



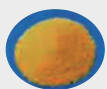
Cosmetics



Feedstuff



Ceramic



Chemicals



MACHINE BRIEF

LM Series high-efficiency wet mixing granulator is a new generation of granulating equipment recently developed by our company, which can finish the procedures of mixing, wetting, granulating one time, with effective granulation, in compliance with GMP standard.

TECHNICAL PARAMETERS

Model	LM10	LM50	LM100	LM200	LM300	LM400	LM600
Total Volume(L)	10	50	100	200	300	400	600
Working Volume(L)	2-6	12-36	25-70	50-150	60-220	100-280	150-420
Capacity(kg,0.5g/cm ³)	1-3	6-18	12-35	25-75	30-110	50-140	75-210
Max Inner Diameter(mm)	300	498	628	788	988	988	1150
Stirring Speed(rpm)	50-500	50-500	30-360	30-260	20-300	20-200	20-200
Stirring Motor Power(kw)	2.2	5.5	7.5	15	22	22	30
Cutting Speed(rpm)	50-3000						
Cutting Motor Power(kw)	0.75	1.5	3	4	7.5	7.5	11
Height of Discharge Port(mm)	700	725	750	730	1000	1000	1160
Overall Size(mm)	1500x570x1350	2100x830x1550	2100x910x1700	2800x1400x2100	2700x1760x2220	2700x1760x2320	3300x2300x2550
Weight(kg)	260	420	760	1200	1600	1650	3000

LM Series

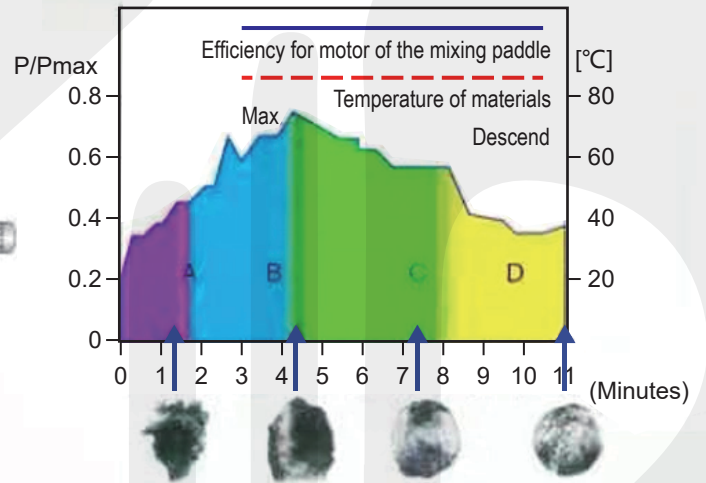
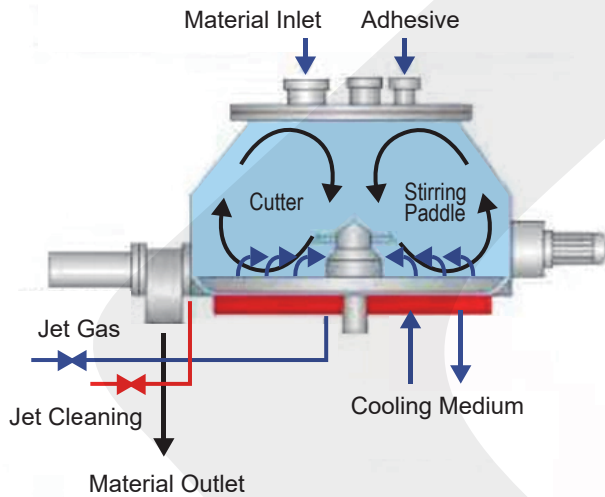
Super Mixer

FEATURES AND INNOVATION

1. It adopts Siemens PLC micro-computer control, human machine interface and touch screen to display the operations.
2. The temperature, operating time, speed and formula are input to micro-computer and auto-controlled according to procedures, easy to operate with high automatic degree.
3. Add a set of V shape cutters on the basis of traditional straight shank cutter so that the cutters can action in both horizontal and vertical directions in material cutting process, which can reduce the granulating time.
4. Cooperating with the unique mixing paddle of this machine, it's helpful to scrape away the attachment inner container to reduce the material sedimentation around container in-wall & at bottom and the collision to in-wall, at the same time, improve granulating efficiency and pelletized ratio, reduce the fine powder content below 8%. It adopts jacketed pot technique, which can heat or cool the material as required.
5. The temperature in tank can be regulated by micro-computer automatically with temperature departure less than $\pm 20^{\circ}\text{C}$. Provide the dripping device together with this machine.
6. The adhesive addition can adopt dripping or direct mixing ways according to different requirements for different medicines, which can save around 20% consumption of adhesive, good effect of mixing granulation.
7. The safety protection device is complete and reliable. When the pot cover is under opening status, the main machine can only be started to operate by password and can't be started by other people so that ensure the safety of operators and machine.
8. It can reserve vacuum feeding port at the part of pot cover, at the same time, equip with dedusting unit and adhesive filling port. We can monitor the granulating status in different stages through the sight glass to realize the non-dust operation in granulating process.
9. The cutter and revolving shaft of mixing paddle adopt double composite technology of rubber gasket with oil and spiral with air to seal, which completely solve the big problem of shaft seal easy to fail. The shaft seal is made into pulling type and can be dismantled, easy to maintain.
10. The mixing and granulating can be finished with one step, increasing the efficiency 4-5 times. The finished granules are solid with uniform size and high pelletized ratio.
11. The granule size and bulk density can be adjusted optionally, suitable for the mixing granulation of Chinese herbal powders with big difference between chief herb and ingredients, Chinese medical extract, achieving good result.

LM Series Super Mixer

WORKING PROCESS



A. Process and even of adhesive (centrifugal)



A. Granule shaping process (Involving)



C. The process for the granules to be round and enlarged in the chamber (Floating)



D. To meet the requirements for granules

STIRRING BLADE

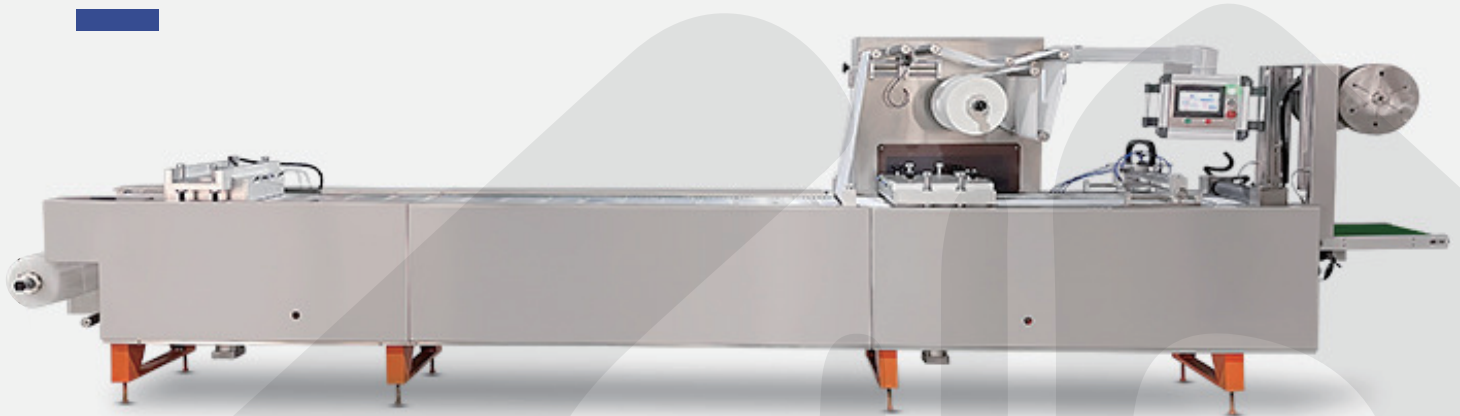


CUTTING BLADE



HY-420

Automatic Thermoforming Sealing Packing Machine



PERFORMANCE ADVANTAGES

1. The machine works smoothly and continuously, and is suitable for sealing all kinds of masks, medical suppliers, sanitary products and other products.
2. Automatic bagging, photoelectric correction, no burr, mold forming.
3. The equipment can be configured with different types of feeder.
4. Mitsubishi PLC imported from Japan can improve the accuracy and stability of the equipment.
5. Intermittent sealing is better to ensure the sealing beauty and avoid leakage.
6. The machine is easy to operate, PLC touch screen, according to the packaging material, product thickness and length to adjust the packaging temperature and speed. Servo motor. Through the control of light, electricity and gas, the fault can be self diagnosed and displayed clearly. the language of the operating system can be Spanish, French, Korean, Russian, Japanese, Arabic and other local languages.
7. The whole machine is covered with stainless steel, with good appearance, easy to clean and durable. The cost of operation and maintenance is low.
8. Intelligent PLC temperature control.
9. Automatic alarm for required quantity, automatic batching and stacking for required quantity.



HY-420 Automatic Thermoforming Sealing Packing Machine

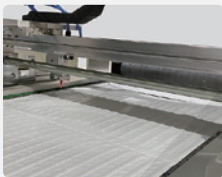
BACK VIEW



LEFT VIEW



Transverse Cutting



Longitudinal Cutting



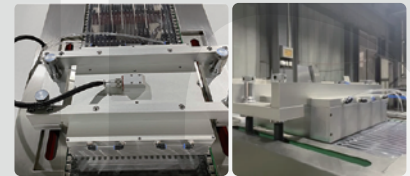
Movable Touch Screen

The language of the operating system can be customized



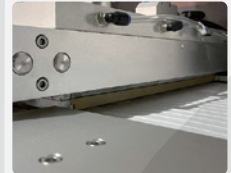
Mold Forming

Automatic material forming module



Heating and Sealing

PLC touch screen, according to the packaging material, product thickness and length to adjust the packaging temperature and speed.



Photoelectric Sensor for Packaging Film

Infrared automatic cursor alignment, more accurate.



TECHNICAL PARAMETERS

Production Speed	30-400 bag/min
Bag Packing Type	Four side sealing
Dimensions of Packaged Products	L:5-400mm W:5-300mm H:1-60mm
Film Width	≤ 435mm
Outer Diameter of Packaging Film	≤ 400mm
Packaging Film Material	PE/PE Composite PET
Pressure	6Mpa
Machine Operating Height	930mm
Total Power	14.5kw
Type of Power Supply	380V 50/60HZ 3Phase
Machine Weight	2600kg
Machine Dimensions	6520x1060x1720mm(LxWxH)

NSL-260B

Automatic Strip Packaging Machine



MACHINE BRIEF

The entire device uses programmable controller and programmable touch screen to control each action point, so it can be ensure that uncoated or coated tablets and capsules can be automatic filling into two level of Alu materials became to strip packing, the length of strip sheet (the strip traction) can be change in the touch screen as your required, you just adjusts some rollers and remove some cutter easily when you want to change the strip packing length or different sheets.

The TEMP of heating sealing mould is control by intelligent temperature controller with PID system, meanwhile, the TEMP detector is adopts PT roller surface detector which components is imported, one the one hand, it can be ensure the stable TEMP of roller's surface, on the other hand, it can increase leak-proofness of heating strips.

The speed of main motor is control by transducer which is stepless speed regulating, it adopts programmable controller, so it can be make the drive of mechanical frame simple, easy to maintain. In addition, the machine also have cutter in sealing station, which is for waster edge easy to tear, it can be make the trips look more clearly and nice looking.

NSL-160B

Automatic Strip Packaging Machine

MACHINE BRIEF

The entire device uses programmable controller and programmable touch screen to control each action point, so it can be ensure that uncoated or coated tablets and capsules can be automatic filling into two level of Alu materials became to strip packing, the length of strip sheet (the strip traction) can be change in the touch screen as your required, you just adjusts some rollers and remove some cutter easily when you want to change the strip packing length or different sheets.

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TECHNICAL PARAMETERS

Model No.	NSL-160B
Max. Production Capacity	800 pcs/hour
Punch Frequency	40-80 times/min
Packaging Area	160mm x any length
Material Roll Dia.	300mm
Total Power	2.75Kw, 220/380V, 50/60Hz
Air Compressor	0.45Mpa, ≥0.2m ³ /min
Machine Dimension(LxWxH)	1300x750x1700,900kg
Packing Dimension(LxWxH)	1500x1000x1900,1000kg

PRODUCTION PROCESS



1. Automatic product feeding through the feeding chute.

2. Aluminum foil unwinding

3. Filling station

4. Sealing station

5. Final product output



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