



Pharmaceutical and packaging machinery turn key solution provider
A reliable bridge between Chinese production and global GMP machine demand

Pharmaland Technologies

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Design in Canada, Made in China
Since 1995

About us

Pharmaland Technologies is a technology-based subsidiary of PAG Group, integrating manufacturing and trade, that specializes in supplying pharmaceutical and packaging machines.

The predecessor of PAG group is established in Canada in 1995.

Pharmaland mainly provides comprehensive solutions for manufacturers of all sizes, providing safe, GMP-compliant “turnkey” engineering equipment. With rich experience in pharmaceutical production, we not only provide customers with suitable machinery, but also provide suggestions for common processes.

We export machines worldwide, including Europe, America, Africa, and Asia.

Our machines have passed ISO 9001 quality system certification and CE certification. “Quality First, Service Oriented” is our business philosophy. We are committed to providing high-quality pharmaceutical and packaging equipment and solutions for global manufacturers.

2009

The year Pharmaland was founded in Toronto, Canada.

50+

Client fulfillment in over 50 countries around the world.

200+

Different models of machines

5000+

Machines exported around the world with excellent performance

Our Story

Pharmaland technologies was founded in Canada in 2009, in response to a clear market need for affordable, performance-driven machinery for Pharmaceutical and Nutraceutical machinery.

Pharmaland Technologies was established with a single purpose: to provide machines emphasized quality and durability, without sacrificing affordability. Today, Pharmaland machinery has been equipped into many of Health Canada approved GMP manufacturing plants in Canada and globally.

Our Commitments

Turn-key solution

Guaranteed great savings and cost-effective value

Reliable technical support (on-site Installation, commissioning, training, and prompt supports)

Life time technic service

Qualified spare parts service

GMP-compliant

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1. Tablet Press Machine (PTP and PZP Series)

Tablet press machine is designed to compress dry powder or granular into tablets with uniform size and weight, widely used in pharmaceutical, nutraceutical, chemical, herbal and food industries, with different dies, it can compress tablets into different shapes.

Some key features of our tablet press machine (it may vary from different models)

- * Single or double force –feeding system
- * B-type or D-type tooling
- * Central lubrication system
- * Faulty tablet rejection system
- * Pre-press wheels
- * Touch-screen (PLC) control and trouble-shooting
- * Safety protection system
- * Machine built with stainless parts and industrially-recognized branded electronic and main components



PTP Series High Speed Tablet Press Machine

Model	PTP-16/23/30		
No. of stations	16	23	30
Tooling type	DB	B	BB
Output range (Tablets/h)	21000~105000	30000~151000	39000~198000
Rotation speed range (rpm)	22~110rpm		
Main pressure	100KN		
Pre-pressure	14KN		
Max tablet diameter	φ25mm	φ16mm	φ13mm
Max length of irregular tablet	25mm	19mm	16mm
Diameter of die	φ38.1mm	φ30.16mm	φ24mm
Diameter of punch	φ25.35mm	φ19mm	
Length of punch	133.6mm		
Pitch circle diameter	265mm		
Max. filling depth	20mm		
Main motor power	5.5kW		
Dimension (mm)	700*1000*1750		
Weight (kg)	1200		



Model	PTP-26/32/40		
No. of stations	26	32	40
Tooling type	DB	B	BB
Output range (Tablets/h)	34000~171000	42000~211000	52000~264000
Rotation speed range (rpm)	22~110rpm		
Main pressure	100KN		
Pre-pressure	16KN		
Max tablet diameter	φ25mm	φ16mm	φ13mm
Max length of irregular tablet	25mm	19mm	16mm
Diameter of die	φ38.1mm	φ30.16mm	φ24mm
Diameter of punch	φ25.35mm	φ19mm	
Length of punch	133.6mm		
Pitch circle diameter	370mm		
Max. filling depth	20mm		
Main motor power	7.5kW		
Dimension	820*1100*1750mm		
Weight	1600kg		



Model	PTP-51/65/83		
No. of stations	51	65	83
Tooling type	DB	B	BB
Output range (Tablets/h)	61200~612000	62400~624000	79600~796000
Rotation Speed Range(rpm)	8~80rpm		
Main pressure	100KN		
Pre-pressure	16KN		
Max tablet diameter	φ25mm	φ16mm	φ13mm
Max length of irregular tablet	25mm	19mm	16mm
Diameter of die	φ38.1mm	φ30.16mm	φ24mm
Diameter of punch	φ25.35mm	φ19mm	
Length of punch	133.6mm		
Pitch circle diameter	720mm		
Max. filling depth	20mm	16mm	
Main motor power	11KW		
Dimension	1294*1500*2000mm		
Weight	3380kg		





2. Capsule Filling Machine (PCF Series)

Pharmaland Technologies' PCF series Automatic Capsule Filling Machines are equipped with the latest technologies of encapsulation and have an optimized structure for operation, monitoring, and trouble-shooting. The machine is designed in accordance with GMP standard. All parts in contact with product are made of stainless steel.

Filling material: Powder, granules, Pellets (Optional)

Specs. Of capsules: # 00 to size 5.

All models come with the following standard features:

- * Fully-enclosed segments, capsule alignment station, and turning parts to prevent cross-contamination.
- * All parts are built with high-quality stainless steel, and adopt quality brand-name electronic components.
- * The machines may be dosed and filled with power (granular and pellet), and used for vegetarian capsules and hard two-piece gelatin capsules.
- * Low-loss dosing of powders, low noise.
- * Used for capsule sizes from #00 - #5.
- * Equipped with safety switch on doors for shut-off and emergency stop button.
- * Sensors to indicate low powder and capsule supplies.
- * High capsule acceptability (up to 99.5%) and high dosing precision.



PZP Series Medium Speed Tablet Press Machine

Model	PZP-20	PZP-27	PZP-31	PZP-35	PZP-41	PZP-55
No. of stations	20	27	31	35	41	55
Output range (Tablets/h)	38400pcs/h	90000pcs/h	100000pcs/h	130000pcs/h	160000pcs/h	260000pcs/h
Rotation speed range (rpm)	5~32rpm	5~28rpm	5~28rpm	5~32rpm	5~38rpm	5~38rpm
Main pressure	80KN	120KN	100KN	100KN	120KN	140KN
Max tablet diameter	25mm	25mm	24mm	13mm	25mm	13mm
Max tablet thickness	10mm	8mm	6mm	6mm	9mm	8mm
Max. filling depth	18mm	17mm	15mm	15mm	18mm	18mm
Main motor power	4KW	7.5KW	5.5KW	5.5KW	7.5KW	7.5KW
Dimension (mm)	840x1015x1720	1100x940x1800	1100x900x1780	1100x900x1780	1220x1120x1850	1220x1120x1850
Weight (kg)	1200	1800	1600	1600	2700	2700

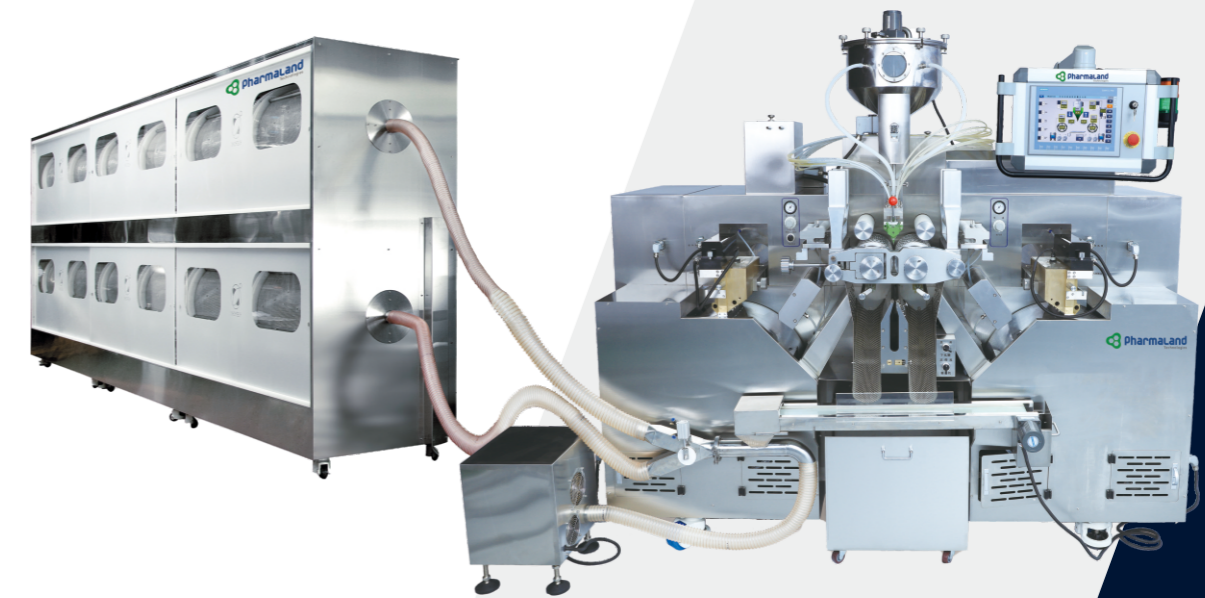
Model	PCF-200A	PCF-400A	PCF-800A	PCF-1200A
Max capacity	200capsules/min	400capsules/min	800capsules/min	1200capsules/min
No. of segment bores	2	3	7	9
Dimension	800x970x1870mm	800x970x1870mm	800x970x1870mm	800x970x1870mm
Net weight	850kg	850kg	850kg	850kg
Filling precision	±3%	±3%	±3%	±3%
Suitable capsule size	00#-5#	00#-5#	00#-5#	00#-5#
Working noise	≤70dB	≤70dB	≤70dB	≤70dB
Power	5.5KW	5.5KW	5.5KW	5.5KW

3. Softgel Encapsulation Machine

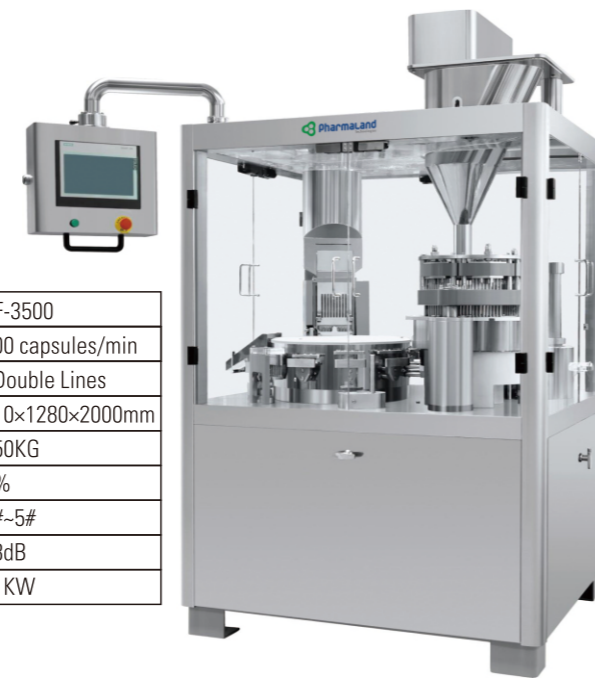
Soft gelatin capsule has been more and more widely applied in various fields of pharmaceutical, nutraceutical and cosmetic.

It has the advantages of tidy and beautiful appearance, faster disintegration speed, high bioavailability and convenient ingestion, storage and taking, etc.

Our PSG series fully automatic intelligent softgel encapsulation machine is developed with advance technology, simple in operation and beautiful in appearance.



Model	PCF-1200	PCF-2000	PCF-3500
Max capacity	1200 capsules/min	2000 capsules/min	3500 capsules/min
No. of segment bores	9 Single Line	18 Double Lines	24 Double Lines
Dimension	1200x1250x2000mm	1410x1280x2000mm	1410x1280x2000mm
Net weight	1600Kg	1750 KG	1850KG
Filling precision	±3%	±3%	±3%
Specs. of capsules	00#-5#	00#-5#	00#-5#
Working noise	≤78dB	≤78dB	≤78dB
Power	6.5Kw	7Kw	7.5 KW



Model	PCF-6800	PCF-7500
Max capacity	6800 capsules/min	7500 capsules/min
No. of segment bores	48 Four Lines	52 Four Lines
Dimension	1738x1226x2000mm	1738x1226x2000mm
Net weight	3000Kg	3000Kg
Filling precision	±3%	±3%
Specs. of capsules	00#-5#	00#-5#
Working noise	≤78dB	≤78dB
Power	11 Kw	12 Kw

Model	PSG-120III	PSG-250II	PSG-250III	PSG-250IV	PSG-300III
Mould Size (mm)	Dia. 150x120	Dia. 150 x 250	Dia. 150 x 250	Dia. 150 x 250	Dia. 200 x 300
Die Roller Speed	0-5 RPM (frequency control)	0-5 RPM (frequency control) Common rotating speed 3.5-4.5 RPM	0-8 RPM	0-10 RPM (Servo adjustment) Common rotating speed 3-8 RPM	0-7 RPM (Servo adjustment)
Filling Volume	0-2 ml (adjustable continuously)	0-2 ml (adjustable continuously)	0-2 ml (adjustable continuously)	0-2 ml (adjustable continuously)	0-2 ml (adjustable continuously)
Plunger numbers	8 pieces	20 pieces	20 pieces	34 pieces	24 pieces
Pump Accuracy	±1% Oil ±1.5% Suspension	±0.5% (Oil) ±1.5% (Suspension)	±0.5% (Oil) ±1.5% (Suspension)	±0.5% (Oil) ±1.5% (Suspension)	±0.5% (Oil) ±1.5% (Suspension)
Production Capacity	(10#OV) 40,800 pills/hour (4RPM)	(8# OV capsule) 115,440 pills/hour (4.0 RPM) (20# OB capsule) 58,800 pills/hour (4.0 RPM)	(8# OV capsule) 181,440 pills/hour (6.0 RPM) (20# OB capsule) 88,200 pills/hour (6.0 RPM)	(8# OV capsule) 215,040 pills/hour (8.0 RPM) (20# OB capsule) 114,240 pills/hour (8.0 RPM)	(8# OV capsule) 287,640 pills/hour (6.0 RPM)
Power Supply	10KW	12 KW	12 KW	14 KW	15 KW
Weight	1000 Kg	1500kg	1500kg	1600kg	1500kg
Machine Dimension (L*W*H mm)	2400 x 800 x 1950	2040x960x1900	2200 x 1000 x 2100	2400 x 1200 x 2100	2400 x 1250 x 2100

4. Tablet Coating Machine

Pharmaland Technologies' coating machines are widely used in the medical, biological, and food industries. Combining energy-conserving mechanical and electrical processes, they efficiently and safely produce a clean coating. They fully conform to GMP requirements.

Pharmaceutical: For film coating tablets, and producing enteric coating, sugar coating, and controlled-release coating.

Food: Film coating of agricultural products and healthy food, and sugar coating chewing gum and candy.

Seeds: For an insect protection layer or nutrient.

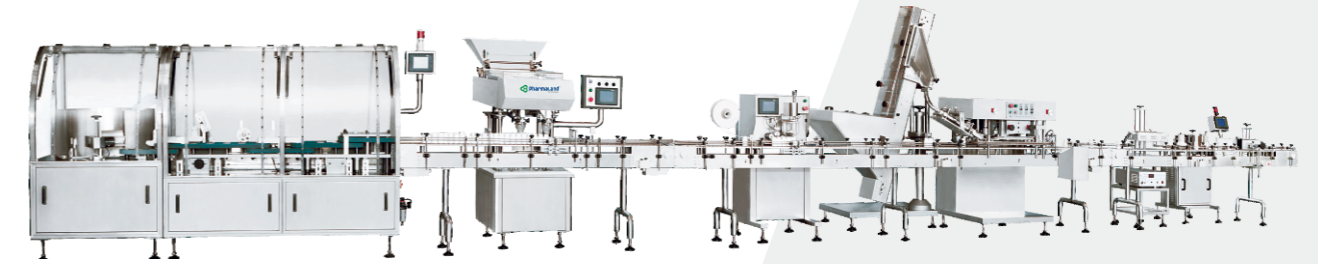
Main Features

- * Large production capacity
- * Use color touch-screen as control interface; the images and graphics are clear, clean, and informative.
- * Two systems for heating: steam heating and electric heating. Electric heated hot air unit has a protective function against excessively high temperature.
- * Pan unit rotation speed, voltage, the temperature of pan unit input air and output air, flow rate, amount of air supply, and exit temperature of hot air unit can all be displayed.
- * Equipped with "Wash In Place" WIP (Optional)
- * Voltage of Pan Unit and amount of air supply can be regulated automatically.
- * Equipped with filter de-dust cabinet; the filtrate efficiency can reach 99.9%.



Item/Model	PBG-5	PBG-10	PBG-40	PBG-80	PBG-150	PBG-250	PBG-400	PBG-600
Max. capacity(kg)	5	10	40	80	150	250	400	600
Roller speed adjustment range (r.p.m)	2-25	2-25	2-20	2-20	2-18	2-15	2-15	2-12
Coating roller diameter	φ400	φ580	φ820	φ940	φ1200	φ1500	φ1580	φ1580
Main machine motor power(kw)	0.55	0.55	1.1	1.5	2.2	3	4	5.5
Hot air cabinet motor power(kw)	0.37	0.37	0.75	1.1	1.5	3	3	5.5
Exhaust cabinet motor power(kw)	0.75	0.75	2.2	3.0	5.5	7.5	7.5	11
Exhaust cabinet air supply volume(m³/h)	800	900	2500	2700	3600	4200	5000	6500
Hot air temperature control range °C	< 80	< 80	< 80	< 80	< 80	< 80	< 80	< 80
Air supply	Clean compressed air	> 0.4Mpa	> 0.4Mpa	> 0.4Mpa	> 0.4Mpa	> 0.5Mpa	> 0.8Mpa	> 1.2Mpa
	Compressed air consumption	0.2m³/min	0.2m³/min	0.3m³/min	0.4m³/min	0.6m³/min	0.8m³/min	1.2m³/min

5. Counting Filling Line



The counting bottling and packaging line is a linkage production line composed of bottle feeding, counting, cotton inserting, desiccant inserting, capping, induction sealing, labeling and other equipment. This fully automatic line can ensure high counting accuracy and greatly save costs and improve production efficiency.

Pharmaland Technologies' Counting Filling Machines are highly automated, accurate, efficient and easy to operate.

Besides the common electronic counting machine, we have also developed advanced CCD counting machine which adopts high-speed industrial camera dynamic scanning technology, and confirm whole grain, half grain, heavy grain and broken grain by area detection; set the area range according to actual needs.

The high-speed industrial camera has an automatic light supplement function, and the distance between the lens and the particles is about 300mm, and the anti-dust effect is excellent.



Model	PPL-100/8A	PPL-100/16A	PPL-100/32A
Production capacity	Max 5000 tablets/min	Max 10000 tablets/min	Max 20000 tablets/min
Number of lines of linear	8 Lines	16 Lines	32 Lines
Fill quantity per bottle	8~9999 pcs	8~9999 pcs	8~9999pcs
Tablet specifications	Thickness 3-10mm	Thickness 3-10mm	Thickness 3-10mm
	Diameter 3-15mm	Diameter 3-15mm	Diameter 3-15mm
	Length 3-25mm	Length 3-25mm	Length 3-25mm
Bottle diameter	φ30~φ75mm	φ30~φ75mm	φ30~φ75mm
Bottle height	40-250mm	40-250mm	40-250mm
Volume	20L	2*20L	4*20L
Overall dimension	860*1710*1800	1160*1710*1800mm	2400x 1710x1800mm
Conveyor belt length	2400mm	2400mm	3200mm
Net weight	350 kg	700 kg	1400 kg

Automatic High-Speed Bottle Unscrambler

Model	PPL-800S
Capacity	50-250 bottles/min.
Dimension	2280 × 1080 × 1460 mm
Net weight	600 Kg
Hopper cubage	0.72 m ³
Bottle diameter	Φ 30~ Φ 75mm
Bottle height:	30~120mm
Total power	1200w
Power supply	AC220V 5A
Air pressure	0.5-0.7Mpa



- * Touch screen PLC control, automatically unscrambling according to the producing status, high speed unscrambling and auto-stop when blockage occurs.
- * Static de-dusting device is allocated, cleaning the inner side of the plastic bottles.
- * It fits for different kinds of containers' unscrambling and arrangement. It is easy to change products' specification.
- * The storage door can be opened and closed through operating on the touch screen; it is easy for charging materials and dustproof.
- * Big capacity hopper, alarm function when no bottles

Automatic Bottle Unscrambler



Model	PPL-900A
Capacity	60~120 bottles/min.
Dimension	1040 × 1800 × 1100 mm
Net weight	200 Kg
Hopper capacity	0.2 m ³
Bottle diameter	Φ 30~ Φ 70mm
Bottle Height:	60~130mm
Total power	500w
Power supply	AC220V 50Hz

- * Touch screen PLC control, easy to operate;
- * Automatically unscrambling according to the producing status;
- * Reverse the bottle automatically, no need to manually load bottles
- * Available for different round bottles;
- * It fits for different kinds of containers' unscrambling and arrangement. Just change the molds when use another size of bottles;
- * Big capacity hopper for bottles (0.2 cbm), alarm function when no bottles.

Automatic Desiccant Inserting Machine

Description

It fits for pharmaceutical, health-care, food industry, can cut continuous desiccant strip as per fixed length and insert into container automatically.

- * Driven by double stepping motor.
- * Detect sensor from Japan, if no bottle, no action.
- * Automatic alarm and shutdown function.
- * PLC control, touch screen.
- * Compacted structure, easy to operate and maintain.
- * Height can be adjusted to fit variable bottle size.
- * U shaped detect e-eye, can accurately locate cutter position.
- * It can be used as single machine or on-line.

Model	PPL-150
Capacity	60~150 (bottles /min)
Dimension	600×700×1800mm
Conveyor length	1800 mm
Bottle size	Dia. Φ 40~ Φ 100 mm Height 45~250 mm
Specs of desiccant	width of cross section 5~30mm
Net weight	150 Kg
Noise	≤ 70db
Compressed air	0.5Mp
Power supply	AC220V
Total power	500 W



Automatic Cotton Inserting Machine



Model	PPL-60
Capacity	40-60(bottles /min)
Dimension	850×650×1350mm
Conveyor length	1800 mm
Bottle size	Dia. Φ40~Φ80 mm Height 6~150 mm
Cotton size	Length 60~90 mm φ28-32mm
Net weight	180 Kg
Noise	≤ 70db
Compressed air	0.5Mp
Power supply	AC220V
Total power	400 W

Description

It fits for pharmaceutical, health-care, food industry, can insert cotton strip into container automatically

- * Driven by double stepping motor
- * Detect sensor from Japan, if no bottle, no action
- * Automatic alarm and shutdown function
- * PLC control, touch screen
- * Compacted structure, easy to operate and maintain
- * Height can be adjusted to fit variable bottle size

Automatic Cap loader & Capping Machine

Model	PPL-100S
Capacity (bottles/min)	40~150
Cap size	Diameter 25~ 70mm
Bottle specs	Diameter 35~100mm
Noise (dB)	70
Compressed air supply (Mpa)	0.5
Power supply	Custom made
Total power (Kw)	1.2
Conveyor length (mm)	3000
Dimension of capper (mm)	1550×910×1600
Dimension of cap loader (mm)	1200×1400×2200
Net weight of capper (Kg)	400
Net weight of cap loader (Kg)	200

Description
 Controlled by inverter, cap loader speed is stepless variable
 Tilting chain-plate loading method, load caps rapidly, low noise, widely used
 Suitable for ROPP caps, children proof caps
 Machine body is made of AISI304 stainless steel, comply with GMP
 Combined press capping and screw capping together, wider application



- Features**
- * Use linear link cap-lock, high efficiency, widely used.
 - * Consist of 2 synchro belt and 8 (in 4 groups) capping wheels, to get reliable capping.
 - * Each capping wheel has digital display device, can be adjusted precisely.
 - * Inspect after capping, to reject bottles without alu-foil.
 - * The bottles separation wheel stops when there's no caps.

Induction Sealing Machine Air-cooled Induction Sealing Machine

Applications: Dedicated to the sealing of non-metallic bottled products

Features and advantages

1. The cover is made of high-quality stainless steel and is reasonably designed, which meets the requirements of GMP.
2. Intelligent air-cooled heat dissipation, powerful, efficient, economical.
3. Built-in regulated power supply system, constant power output.
4. With intelligent protection functions such as overvoltage, overcurrent, and overheating.
5. Adjustable power switching power supply, start without preheating, easy to operate.

Model	PPL-1500B	PPL-3000E
Voltage	220V±10%, 50/60Hz	220V±10%, 50/60Hz
Output Power	Max 2000W (Adjustable)	Max 2000W (Adjustable)
Cooling Method	Air cool	Air cool
Sealing Diameter	Φ 20mm~ Φ 80mm or 70mm~ Φ 110mm	Φ 20mm~ Φ 80mm or 70mm~ Φ 110mm
Capacity	40~150 bottles/min	40~250 bottles/min
Travel range from ground	900mm-1150mm	900mm-1150mm
Dimension	395mm×420mm×185mm	395mm×420mm×185mm
Weight	48kg	55kg



Water-cooled Induction Sealing Machine

Applications:
 It is specially used for sealing non-metallic bottled products, especially with the function of sealing special-shaped bottles. This machine is a water-cooled induction sealing machine with comprehensive performance. It solved the problem of incompatible sealing diameters in the past. It has high efficiency and stable operation.

- Features:**
1. Low EMI design: It greatly reduces the harmonic pollution to the power grid,
 2. Host anti-corrosion design: cover is made of 304 stainless, device circuit and cooling air duct completely isolated design
 3. Sensor: Tunnel structure, multi-directional three-dimensional induction mode makes the sealing effect more ideal, the electromagnetic output is stable and uniform, compatible with various bottle sealing. The sensor is rotatable and interchangeable, suitable for sealing bottles of different sizes and calibers, one machine with multiple function
 4. Output voltage stability
 5. Stable and reliable performance
 6. Equipped with intelligent water tank
 7. The equipment of the same type can be interchanged and used in common use: effectively reduce the cost of use and make maintenance more convenient. Brand-new modular smart box technology

Model	PPL-4000W	PPL-5000W
Voltage	220V±10%, 50/60Hz	220V±10%, 50/60Hz
Output power	Max 4000W (Adjustable)	Max 5000W (Adjustable)
Cooling method	Water cool	Water cool
Sealing diameter	Φ30mm~Φ70mm or 60mm~Φ140mm	Φ30mm~Φ70mm or 60mm~Φ140mm
Capacity	50~500 bottles/min	50~500 bottles/min
Travel range from ground	760-1180mm	880~1440mm
Dimension	610*480*1240 mm	610*480*1240 mm
Weight	76kg	86kg



Automatic High Speed Labeling Machine



It fits for all kinds of round bottles
 PLC control system, Touch screen control, easy to operate and adjust parameters, can store 50 different kinds of recipes
 Use well-known electric parts, high reliability
 Bottle feeding motor adopts single motor drive, stepless adjust to make labeling reliable.
 The sensitive of label photo cell is adjustable, it can compare different stickers of optical properties
 3 lines for printing date, batch number, and expiry date etc
 Failure diagnosis function, convenient to operate and maintenance

Model	PPL-100L
Capacity (bottles/min)	30~180
Hot printing (Line × Letters)	3*12
Label roll inner diameter (mm)	Φ76
Container specs (mm)	Diameter Φ25~ 80 Height 30~150
Max width of sticker (mm)	100
Noise (dB)	≤ 70
Compressed air supply (Mpa)	0.5
Power Supply	AC220V
Total power (KW)	0.9
Dimension (mm)	2370×940×1250
Net weight (Kg)	100

6. Blister Packing Machine

Pharmaland's blister packing machine is mainly suitable for capsule, tablet, big honey pill, candy, liquid, paste, syringe as well as irregular shape Alu-plastic, paper-plastic and Alu-Alu sealing packing in pharmacy, healthcare, food, cosmetics, medical equipment industry etc., fully comply with "GMP" requirements.

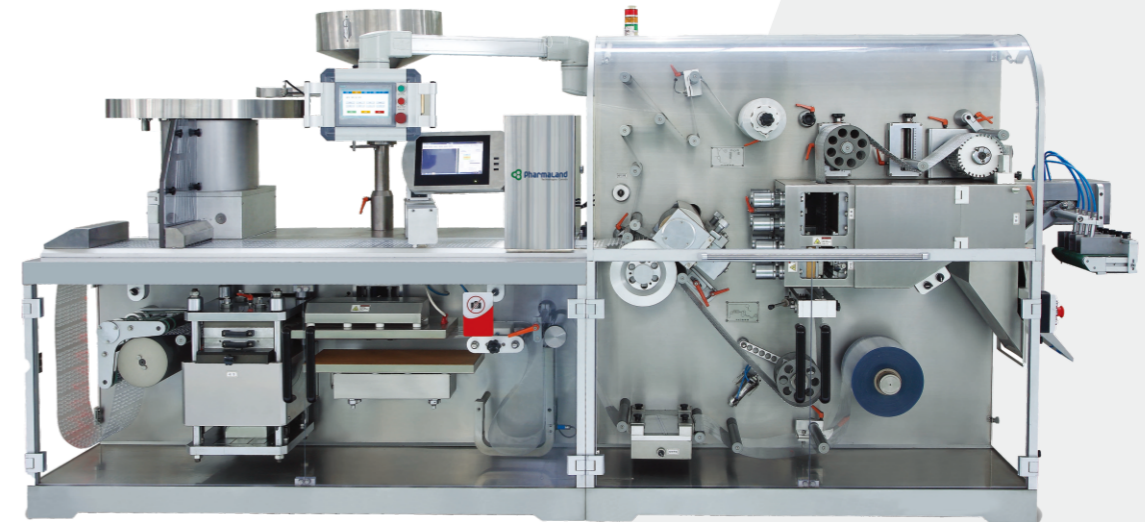
Main Characteristics

- * Variable frequency stepless speed regulation, servo traction, adjust the stroke of a key in place.
- * Push-stepping mechanism allows for smooth blisters and easy adjustment.
- * Adopts plate-type mould, positive-pressure forming, featured by batch number printing, creasing and cutting, aluminum-foil/plastics automatic feeding, automatic alarm for broken—piece and finished-piece and automatic stop etc.
- * Equipped with one set general feeder, which filling percentage reaches 99.5% and above. The feeder is fitted with dust exhaust joint so can overcome the dust problem during feeding.
- * Adopts registering matching heating so that can minimize the heat energy loss of the heater, which greatly reduces the required temperature.
- * PLC control and frequency control for a wide range of adjustments and low noise, easy operation and maintenance.
- * Branded electrical components for greater reliability and steady operation.
- * Fully-enclosed structure design, with all material in contact with raw materials made of high-quality stainless steel
- * Meets GMP standards



Roller Type High Speed Blister Packing Machine

DPH-270/330/380



This machine is suitable for automatic high speed "Alu- PVC" and "Alu- Alu" packing of capsules, tablets and chewing gums, candies. It adopts flat pressure forming to form strong and average blisters, and roller type mesh sealing to ensure reliable sealing. The machine is equipped with batching system, embossing device, and horizontal boundless punching to achieve high production capacity and greatly save packing material

Technical Characters

- * Change mould fast without tools which adopts push-oriented.
- * Adopt servo traction, simple to set up, convenient to debug.
- * Push-oriented punch mould installation. If inspection and rejection system is equipped and changed, no need to disassemble suck heads.
- * Long distance between two heating plates of forming when machine stops, to avoid PVC to be over heated and softened.
- * Optional configurations include camera inspection and rejection device, mechanical hand structure with suck heads, automatic vibrating guide rail feeder, etc.
- * Can be equipped with photocell register device.

Model	DPP-120	DPP-150	DPP-180	DPP-260
Cutting frequency	Al-plastic: 10-40Times/min	Al-plastic: 15-35Times/min	Al-plastic: 25-50Times/min	Al-plastic: 6-60Times/min
Travel range	30-100mm (Adjustable)	40-120mm (Adjustable)	30-110mm (Adjustable)	30-120mm (Adjustable)
Max forming area	120×90mm	140×100mm	160×110mm	240×120mm
Max forming depth	14mm (Can be customized)	16mm (Can be customized)	20mm (Can be customized)	22mm (Can be customized)
Main motor power	0.75kw	1.5kw	5.8kw	8.5KW
Upper heating power	0.5kw	0.8kw	0.8kw	0.8kw
Lower heating power	0.5kw	0.8kw	0.8kw	0.8kw
Sealing power	0.5kw	0.7kw	0.7kw	0.7kw
Air volume flow	≥ 0.2m³/min	≥ 0.2m³/min	≥ 0.2m³/min	≥ 0.2m³/min
Air pump pressure	0.4-0.6Mpa	0.4-0.6Mpa	0.4-0.6Mpa	0.4-0.6Mpa
PVC	0.25-0.5×130mm	0.25×150mm	0.4-0.6Mpa	0.25-0.5×260 mm
PTP	0.02-0.035×130mm	Aluminum foil 0.02×150mm	0.02-0.035×180mm	0.02-0.035 ×260 mm
Dialysis paper	50-100g×130mm	50-100g×150mm	50-100g×180mm	50-100g×260 mm
Overall dimensions	2070×650×1060 mm	2450×570×1550 mm	3050×590×1550 mm	4000×760×1620mm
Weight	560kg	620kg	780kg	1650kg

Model	PPH-270D	PPH-330D	PPH-380D	
Punch frequency	60-180times/min			
Max. forming area	240×260mm	240×320mm	240×370mm	
Max. forming depth	13mm			
Traction stroke	Punch:20-120mm Forming:80-250mm			
Blister specification	Standard:80×5, 95×65, 103×43(Customized allowed)			
Packing material	Cold ALU forming aluminum foil	0.14-0.16×270mm	0.14-0.16×330mm	0.14-0.16×380mm
	Standard PVC hard sheet	0.15-0.5×270mm	0.15-0.5×330mm	0.15-0.5×380mm
	Standard PTP aluminum foil	0.02-0.035×270mm	0.02-0.035×330mm	0.02-0.035×380mm
	Average hole diameter of roll	70-76mm		
Air consumption	≥ 30m³/h pressure : 0.6-0.8Mpa			
Mould cooling	tap water or recycle water 60L/h			
Total power	Around 20KW	Around 23KW	Around 26KW	
Main motor	2.2KW	3.0KW	3.0KW	
Overall dimension (L×W×H)	4100×980×1750mm	4100×980×1750mm	4100×1030×1750mm	
Weight	3000Kg	3300Kg	3500Kg	

Easy Mould Changing Flat-Plate Blister Packaging Machine

DPB-270/360



This machine is applied to alu pvc and alu alu packing of medicines, for example sealed blister packing of capsules and tablets of various specifications. Applied to sealed blister packing of various syringes, ampoule bottles and medical products. Forming mould, heat-sealing mould, batch number emboss printing mould and punching mould all adopt drawer type mould change to achieve high efficiency.

Technical characters

- * Main drive: Main motor located at the back of machine, easy for maintenance. Synchronous belt drive instead of chain belt drive to reduce oil stain.
- * Guide rail installation method: Guide rail of the cabinet is installed in cantilever way. It is convenient for the operator to clean the dropped medicine.
- * Mould base installation and adjustment: Adopt lathe type guide rail and pinion-and-rack adjustment way. With position indicator and scale ruler for mould position adjustment.
- * All moulds including forming mould, heat-sealing mould, batch number emboss printing mould, punching mould can be orientation-guidedly pushed into its position by hand and mould handle rocked to finish mould change fast without wrench or other tools.

Model	DPB-270J	DPB-360J
Punch frequency	10-70 times/min	
Capacity	9600-12000 blister/h (Standard 80×57mm)	12000-15000Blister/h (Standard 80×57mm)
Max. forming area depth	Standard:110×260×13mm Customized allowed150×260×26mm Punch Frequency < 25times/min	
Stroke	20-120mm (can be designed as user's requirements)	
Standard blister	80×57mm (can be designed as user's requirements)	
Air supply	≥ 18 m³/min Pressure:0.6Mpa-0.8Mpa	
PVC hard sheet	0.15-0.5×270mm	0.15-0.5×360mm
PTP aluminum foil	0.02-0.35×270mm	0.02-0.35×360mm
Cold forming aluminum foil	0.14-0.20×270mm	0.14-0.20×360mm
Dialysis paper	50-100g/m² ×270mm	50-100g/m² ×360mm
Mould cooling	tap water or recycle water 60L/h	
Total power	380V/220V 50HZ 12KW	380V/220V 50HZ 15KW
Main motor	2.2KW	2.2KW
Overall dimension (L×W×H)	4400×850×1750mm	4400×950×1750mm
Weight	2800Kg	3700Kg

7. Cartoning Machine



PharmaLand's cartoning machine is a sophisticated product incorporating pneumatic-photo-electro-mechanic technology. Suitable for inserting blisters, bars, pillow-wrapped products, tubes, bottles, pharmaceutical products, and food similar packages into cartons. The machine is monitored and run by a series of photo-electro controllers to maximize the machine's stability and guarantee packing quality. It includes carton suction and open, product insertion, batch number printing, and carton sealing with tuck-in or hot melt glue device.

Model	PJDZ-100D For blisters	PJDZ-100D For sachet	PJDZ-100G tubes, lipstick, soap, chocolate etc.	PJDZ-100P For bottle	
Encasing speed	30-120cartons/min	30-120cartons/min	30-120cartons/min	30-100cartons/min	
Carton	Quality requirement	250-350g/m²	250-350g/m²	250-350g/m²	
	Dimension range (L*W*H)	(70-180)*(35-85)* (14-50) mm	(70-180)*(35-85)* (14-50) mm	(70-180)*(35-85)* (14-50) mm	(70-180)*(35-85)* (14-50) mm
Leaflet	Quality requirement	60-70g/m²	60-70g/m²	60-70g/m²	60-70g/m²
	Unfolded leaflet specification	(80-250)*(90-170)mm	(80-250)*(90-170)mm	(80-250)*(90-170)mm	(80-250)*(90-170)mm
Compressed Air	Fold range	1-4 fold	1-4 fold	1-4 fold	1-4 fold
	Working pressure	≥ 0.6mpa	≥ 0.6mpa	≥ 0.6mpa	≥ 0.6mpa
Air consumption	120-160L/min	120-160L/min	120-160L/min	120-160L/min	
Power Supply	220/380V 50/60HZ	220/380V 50/60HZ	220/380V 50/60HZ	220/380V 50/60HZ	
Motor power	0.75kw	0.75kw	0.75kw	0.75kw	
Machine Dimension(L*W*H)	3100*1100*1550mm	3100*1100*1550mm	3100*1100*1550mm	3100*1100*1550mm	
Machine weight	1400kg	1400kg	1400kg	1600kg	

8 Soft ALU ALU Strip Packing Machine

This is a new generation of soft Alu Alu packaging equipment. It adopts PLC touch screen control system. High efficiency, low noise, simple and convenient operation.

The feeding method adopts a vibration-type full-row feeding mechanism, equipped with a photoelectric monitoring device, which automatically controls the feeding, and the number of punching can be set freely. Feeding, unloading, heat sealing, thread cutting, batch number printing, punching, counting and other processes are all automatically completed.

It is widely used in the soft Alu Alu packaging of various tablets and capsules in the pharmaceutical and health care products industries.



Main Features

- * The whole machine adopts PLC touch screen control system, and the number of punching plates can be set and adjusted freely on the touch screen, so there is no need to worry about the trouble of frequently changing various gears and cams due to changing packaging specifications and varieties.
- * The temperature control of the heat-sealing roller mold is controlled by an analog temperature module, and the temperature measurement uses an advanced K-type temperature measuring probe to ensure that the surface temperature of the heat-sealing roller mold is stable and reliable, so as to improve the sealing performance of the heat-sealing medicine plate.
- * The main engine adopts frequency converter stepless speed regulation, the equipment runs stably and reliably, the transmission structure is simple, and the maintenance is convenient.
- * It can achieve good sealing and light-proof effects, greatly extending the shelf life and is easy to carry.

Model	PDA-160	PDA-260	PDA-350
Punching	10~60 times/min	10~60 times/min	10~60 times/min
Compressed Air	0.45 Mpa 0.2m³/min	0.45 Mpa 0.2 m³/min	0.45 Mpa 0.2 m³/min
Max Aluminum Width	160mm	250mm	350mm
Material Roll Diameter	300mm	300mm	300mm
Total Power	2.75KW	3.75KW	3.75KW
Weight	700kg	1100kg	1100kg
Machine Dimension	1300×750×1700mm	1600×850×1900mm	1600×900×1900mm
Packing Dimension	1500×1000×1900mm	1760×1070×1960mm	1760×1070×1960mm

9.Effervescent Tablets Tube Filling Machine

Model Name	PPL-40PTG
Capacity	20-40 tubes/min
Application	Diameter of Tablet: Ø12-30mm Thickness of Tablet: 3-8mm Loading Quantity: 8-30 pcs/tube Height of Tube: 84-144mm
Voltage	220V 50HZ Single Phase
Power	1.5KW
Compressed Air	0.5-0.6MPa
Air consumption	0.28m3/min
Weight	640kg
Overall dimension (L*W*H)	2022*1717*1480mm



Automatic Effervescent Tablets Tube Filling Machine assists in packaging effervescent tablets in layers inside a tube. It can automatically give alarms and shut down in case of no tablets, tubes or caps, and all effervescent tablets touching material use SUS316 stainless steel. It is the most ideal equipment for effervescent tablets packaging in pharmaceutical, food and beverage, cosmetic and other manufacturing industries.

Model Name	PPL-80PTG
Capacity	60-80 tubes/min
Application	Diameter of Tablet: Ø12-30mm Thickness of Tablet: Ø6-6.3mm Loading Quantity: 10-20 pcs/bottle Height of Tube: 85-144mm
Voltage	220V 50HZ Single Phase
Power	5KW
Compressed Air	0.5-0.6Mpa
Air consumption	0.28m3/min
Weight	2000kg
Overall dimension (L*W*H)	5800*2260*1800mm



10 Ultrasonic Tube Filling and Sealing Machine

This machine adopts ultrasonic technology to seal, the sealing effect is stable and long-lasting; the seal has clear lines and no deformation;

Independent research and development of digital automatic ultrasonic automatic frequency tracking electric box, no need to manually adjust the frequency, increase the automatic power compensation function, and will not cause the heat power to drop due to long use time, the power can be automatically adjusted according to the material and size of the tube. The failure rate is extremely low, and the service life is longer than ordinary electric boxes;

PLC touch screen control, easy to operate;

The whole machine is made of 304 stainless steel, corrosion-resistant, acid-alkali-resistant;

PHX-007 Tube Sealing Machine

Manually feeding tubes → Auto tube orientation → Auto sealing
→ Auto emboss coding → Auto trimming

Voltage	AC220V/50Hz/60hz
Power	1.8 KW
Tube length	10-200mm
Tube diameter	10-50 mm
Capacity	10-13 tubes/min
Dimension	850*600*730mm
Weight	85kgs
Machine body	SUS 304



PHX-006 Rotary Semi-auto Tube Filling and Sealing Machine

Manually feeding tubes → Auto Tube orientation → Auto Filling → Auto sealing
→ Auto emboss coding → Auto trimming → Auto tubes output

Filling range (ml)	A: 5-60ml B: 10-120ml C: 25-250ml D: 50-500ml
Filling accuracy	±1%
Voltage	AC220V/50Hz/60HZ single phase
Power	2 KW
Air source	0.6Mpa
Tube length	50-220mm
Tube diameter	10-50 mm
Capacity	15-28tubes/min
Dimension	1300*900*1550mm
Weight	350kgs
Machine body	SUS 304



PHX-002 Semi-auto Tube Filling and Sealing Machine

Manually feeding tubes → Auto Tube orientation → Auto Filling → Auto sealing
→ Auto emboss coding → Auto trimming → Auto tubes output

Filling range (ml)	5-50 10-120 25-250
Voltage	AC220V/50Hz/60HZ
Power	2.6 KW
Air source	0.5Mpa
Tube length	50-200mm
Tube diameter	13-50 mm
Capacity	6-12 tubes/min
Dimension	1000*780*1550 mm
Weight	180kgs
Machine body	SUS 304

PHX-009 Automatic Tube Filling and Sealing Machine

Auto feeding tubes → Auto Tube orientation
→ Auto Filling → Auto sealing
→ Auto producing date printing → Auto trimming
→ Auto tubes output

Power supply	AC110V 50/60HZ single phase
Power	2.6KW
Filling range:	A:6-60ml B:10-120ml C:25-250ml D:50-500ml
Filling accuracy:	±1%
Sealing diameter	10-50mm
Max. height	10-200mm
Capacity	20-25tubes/min
Air pressure	0.6Mpa
Air consumption	0.35m ² /min
Hopper	30L (Customer-made available)
Dimension	1630*1300*1580mm
N.W	420kg



11 Vacuum Emulsifier/ Homogenizer

The equipment is suitable for emulsification of the pharmaceutical, cosmetic, fine chemical products, especially the material having high matrix viscosity and solid content. Such as cream, ointment, detergent, salad, sauce, lotion, shampoo, toothpaste and so on.

Structure

Including main emulsifying pot, water pot, oil pot and work frame.

1. The oil pot is used to dissolve solids, the material can only be dissolved in oil, and then the dissolved solvent is sucked into the emulsification pot through the hose.
2. The function of the water pot is the same as that of the oil pot.
3. The emulsification pot is used to emulsify the products come from the oil pot and water pot.



Model	Main Pot	Water Pot	Oil Pot	Main Pot Power (KW)		Hydraulic System (KW)	Vacuum Pump Power (KW)
	Volume (L)			Wall scraping	Homogenizer		
5L	5	-	-	0.18	1.1	0.75	0.55
10L	10	8	5	0.18	1.1	0.75	0.75
20L	20	18	10	0.37	1.5	0.75	0.75
50L	50	40	25	0.75	4-7.5	1.5	1.5
100L	100	80	50	1.5	4-7.5	1.5	1.5
200L	200	170	100	2.2	7.5-11	1.5	2.2
300L	300	250	150	2.2	7.5-11	1.5	2.2
500L	500	420	250	4	11	1.5	2.2
1000L	1000	820	500	5.5	15	2.2	3



12 Mixing Machine

Mixers are designed to mix powder or granule materials, which are widely used in pharmaceutical and nutraceutical industries. Because there are so many kinds of materials and mixing methods, multiple designs are required.

PharmaLand's mixers are designed and manufactured to meet GMP requirements. Types of mixers include: single column blender, double cones mixer, V-type mixer, three-dimensional motion mixer.

Single column lifting mixer



The machine is widely used in such industries as medicine, food, chemical industry, dairy products, etc. Its structural performance is equivalent to that of similar international products.

Working Principle

The mixing hopper is pushed into the gyrator arm and the nut is locked. The control system is started and the hopper is lifted to the mixing height. The control system carries out automatic mixing according to the set time, rotation speed, and other data. After the mixing operation is finished, it settles at the horizontal position. The hopper automatically falls to the ground, the machine stops, pushing the hopper out and transferring it to the next procedure.

Model	PHDD-100	PHDD-200	PHDD-400	PHDD-600	PHDD-800	PHDD-1000
Bin volume	100L	200L	400L	600L	800L	1000L
Max loading quantity	50 kgs	100kgs	200 kgs	300 kgs	400kgs	500kgs
Mixing rotating speed	3-20 rpm	3-20 rpm	3-20 rpm	3-15 rpm	3-15 rpm	3-15 rpm
Total power	3.7 KW	4.4 KW	5.2 KW	5.2 kw	6.2 KW	6.2 KW
Weight	700kgs	800kgs	1120kgs	1300kgs	1600kgs	2000kgs

Double Cones Mixer

This machine can be used for uniform mixing of dry powder or granular materials with good fluidity, with no dissolution, volatilization or deterioration of materials during the mixing process.

The design delivers high mixing efficiency and simpler operation. The mixing cylinder has a unique structure, high mixing efficiency, and no dead angle. The cylinder is made of stainless steel, the inner and outer walls are polished, the appearance is beautiful, the mixing is uniform. It conforms to the GMP standard.

It can be equipped with a forced agitator according to customer requirements, which is suitable for mixing finer powder and block materials with a certain amount of moisture.



Model	Barrel Volume (L)	Max. Loading Volume (L)	Capacity (kgs/time)	Motor Power (kw)	Mixing Speed (r/min)	Dimension (mm)	Weight (kg)
PSH-100	100	40	25	10.75	12	1580*650*1350	550
PSH-200	200	80	50	1.1	12	1800*750*1650	580
PSH-300	300	120	75	1.5	12	2050*850*1850	800
PSH-400	400	160	100	1.5	8-10	2300*850*1900	1000
PSH-500	500	200	120	1.5	8-10	2400*1050*2100	1200
PSH-800	800	320	200	2.2	8-10	2500*1200*2300	1400
PSH-1000	1000	400	250	3	8-10	2800*1500*2500	1800
PSH-2000	2000	800	400	4	8-10	3400*1600*2700	2100
PSH-3000	3000	1200	750	5.5	7	3500*1680*2900	2400



V-type Mixer

The V-type mixer offers the advantages of more uniform mixing, high efficiency, low power consumption, simple operation, etc. Widely used in dry powder granular mixing for the pharmaceutical and chemical industries.

Model	Barrel Volume (L)	Max. Loading Volume (L)	Productive Capacity (kgs/time)	Motor Power (kw)	Mixing Speed (r/min)	Dimension (mm)	Weight (kg)
PVH-100	100	40	25	0.75	12	1600*600*1500	180
PVH-200	200	80	50	1.1	12	1900*700*1600	270
PVH-300	300	120	75	1.5	12	2100*800*1620	350
PVH-400	400	160	100	1.5	8-10	2300*850*1900	500
PVH-500	500	200	120	1.5	8-10	2400*900*1950	600
PVH-800	800	320	200	2.2	8-10	2600*1000*2100	850
PVH-1000	1000	400	250	2.2	8-10	2700*1100*2300	1200
PVH-1500	1500	600	400	4	8-10	3200*1400*2500	1400
PVH-2000	2000	800	500	5.5	7	2400*1400*2700	1700
PVH-3000	3000	1200	800	7.5	6	3200*1500*3000	2100

Three-dimensional Motion Mixer

Suitable for mixing dry-powder material for the pharmaceutical, chemical, and food industries. It mixes evenly and quickly, even with materials of different proportions and finenesses.

Advantages

The mixing tank that contacts with the materials is made of quality stainless steel, with both inside and outside of the tank mirror polished.

Because the mixing tank performs a multi-directional movement, it delivers high mixing uniformity—better than that of a more conventional mixer.

The shape of the mixing tank is carefully designed without dead corner.

The discharge of materials is more complete, so there is no accumulation. Thus, it is easy to clean.

The materials are mixed in completely enclosed, so there is no contamination to the working environment and materials.



Model	SYH-5	SYH-15	SYH-50	SYH-100	SYH-200	SYH-400	SYH-600	SYH-800	SYH-1000	SYH-1200
Barrel Capacity(L)	5	15	50	100	200	400	600	800	1000	1200
Capacity max(L)	4.5	13.5	45	90	180	360	540	720	900	1080
Capacity weight(kg)	1.5-2.7	4-8.1	15-27	30-54	50-108	100-216	150-324	200-432	250-540	300-648
Speed of mine shaft(r/min)	0-20	0-20	0-20	0-20	0-15	0-15	0-13	0-10	0-10	0-9
Motor power(Kw)	0.25	0.37	1.1	1.5	2.2	4	5.5	7.5	11	11
Overall size(mm)	600*1000	800*1200	1150*1400	1250*1800	1450*2000	1650*2200	1850*2500	2100*2650	2150*2800	2000*3000
	*1000	*1000	*1300	*1550	*1550	*1550	*1750	*2000	*2100	*2260
Weight(kg)	100	200	300	800	1200	1200	1500	1700	1800	2000

13 Granulator

High Efficiency Wet Process Granulator

Wet type granulators, also called wet mixing granulators are dedicated equipment used for the wet mixing granulating of powder, starch, adhesives and cream in the food, pharmaceutical, and chemical industries.

This is a newly designed machine which better meets the technical requirements of solid preparation production. It is made of austenitic stainless steel and equipped with an operating platform, stairs and a safety fence.

It has PLC and frequency speed controls.

Technical parameters can be designed according to the requirements of the users, with authentic reliable and original records.

It can either work separately or together with a matched line.

It fully conforms to the requirements of the GMP of the pharmacy industry.



Model	PJHZ-10D	PJHZ-50D	PJHZ-100D	PJHZ-150D	PJHZ-250D	PJHZ-400D	PJHZ-600D	PJHZ-800D
Volume L	10	50	100	150	250	400	600	800
Feed Capacity Kg	1.5-4	10-22	20-45	30-70	55-100	100-200	150-300	200-400
Mixing Power KW	2.2	5.5	7.5	9-11	11-14	18.5-22	22-37	37-45
Stirring Speed Rpm	0-600	0-400	0-260	0-210	0-210	0-170	0-150	0-130
Granulation Power KW	0.75	1.5	2.2	3	4	7.5	11.5	11.5
Granulation Speed Rpm	0-2900	0-2900	0-2900	0-2900	0-2900	0-2500	0-2300	0-2300
Miller Power N.M			22	22	22	28	28	35
Air-source Pressure Mpa	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Machine Weight Kg	280	650	1150	1400	1700	2450	2750	3350



Fluid Bed Dryer Granulator

This machine is applicable for the pharmaceutical, food, and chemical industries, as a primary method of solid preparation. It is used to produce multiple granules, large granules, dense granules, instant porous granules, and dry materials in powder, granules, or paste. It is one of the preferred methods for pelletizing and drying for presence.

This machine contains a main engine and an auxiliary engine, with five systems, including cooling hot-air system, air purification system, charging and discharging system, automatic control system and air pipe line.

During the operation, the materials are added into the hopper, and heated to the boiling state by the purified hot air (negative pressure) from the bottom of the pelletizing chamber. Meanwhile, the granules are dried by the hot airflow, forming into ideal, porous, and homogeneous ones. The whole process is conducted in airtight conditions.

Model	PJFG-10	PJFG-30	PJFG-60	PJFG-120	PJFG-200	PJFG-300	PJFG-500
Capacity of material bucket	35L	100L	200L	400L	650L	1000L	1500L
Production capacity kg/batch	5-10	15-30	30-60	60-120	120-200	15-300	250-500
Temperature of inlet air	Room temperature-120 °C						
Air volume m³/h	5.5	7.5	11	18.5	22	37	45
Revolving Speed rpm			10	10	10	8	8
Power of motor kw			0.75	0.75	0.75	1.1	1.1
Steam Pressure	0.4Mpa						
Steam Consumption m³/min	35	70	140	210	280	360	450
Compressed air	0.6Mpa						
Machine Weight Kg			1050	1470	1750	2250	3800

JYK Series Oscillating Granulator

This machine is widely used in pharmacy, chemistry, and food industry. It processes wet powder materials into granules, or smashes dry nubby materials.

Working principle

Repeated swing of the roller is forced by mechanical drive, which squeezes the materials out through the screen mesh or smashes the materials into granules.

Model	JYK-100	JYK-160	JYK-200
Capacity	30-200 kgs/h	100-300 kgs/h	200-400 kgs/h
Diameter of cylinder	120mm	160mm	200mm
Rotation speed	55 rpm	55 rpm	50 rpm
Swing angle	360°	360°	360°
Total power	2.2 KW	4 KW	5.5 KW
Weight	280 kgs	380 kgs	450kgs



Dry Process Granulator

The dry granulator is a kind of granulation equipment that extrudes raw material powder, then crushes and granulates.

The powder raw materials are directly made into granular products that meet the requirements without any intermediates and additives. After granulation, the particle size of the product is uniform and the bulk density is significantly increased. It not only controls pollution, but also reduces waste of powder, and improves the appearance and fluidity of the material. Solubility, porosity and specific surface area can be controlled.

Especially suitable for heat-sensitive and moisture-sensitive products



Model	PAFX-160	PAFX-230	PAFX-300	PAFX-400
Roller size	Diameter 160mm Width 60mm	Diameter 230mm Width 80mm	Diameter 300mm Width 100mm	Diameter 400mm Width 105mm
particle size	14 – 80 mesh adjustable	14 – 80 mesh adjustable	14 – 80 mesh adjustable	14 – 80 mesh adjustable
Power	14 KW	21 KW	25 KW	45 KW
Working pressure	15KN/cm	25KN/cm	25KN/cm	25KN/cm
Roller pressure	25 MPa	25 MPa	25 MPa	25 MPa
Capacity	10-120 Kg/h	200-500 Kg/h	200-600 Kg/h	800-1200 Kg/h
Dimension	1560×1650×1750mm	2000×1400×1600mm	2100×2000×2460mm	
Weight	1700 kgs	3000 kgs	4500 kgs	800-1200 kgs

14 Sachet Packaging Machine

Liquid Sachet Packaging Machine

Lane number	4-12 lanes
Capacity	20--40bags/min/lane
Measuring method	Piston pump/ Peristaltic Pump/Ceramic Pump
Sealing type	4 sides sealing/3 sides sealing / back sealing
Film Thickness	0.07-0.10mm.
Air consumption	0.8Mpa 0.8m3/min
Film material	Laminated film,like PET/PE,OPP/PE,NY/PE.etc.

Automatically measuring volume, making bags, filling, sealing, cutting, printing the lot number and cutting easy tearing notches, finished product conveying. Applicable for the liquid product, such as water, drink, juice, wine. etc.

Standard Features:

- (1). Famous brand PLC control system, large touch screen, convenient to operate;
- (2). Advanced design, high precision and fast speed;
- (3). No film alarm, saving materials and no wasting film;
- (4). Photoelectric tracking system for precise bag length and position of film
- (5). Can equip with liquid conveyor to convey the liquid from bottom to the top pump on the machine. Can make one line one favor/color drink, if needs.
- (6). Machine case is made of 304 stainless steel, which is more good for food



15 Automatic Screw Metering Powder Filling Machine

Model	PRF-50D
Capacity	10-40 bottles/min
Filling Range	10-5000g by changing screw
Filling Accuracy	±1% (depend on the material features)
Voltage	380V. 50Hz
Power	4.5KW
Weight	About 550kg
Dimension	2000×1100×2300mm

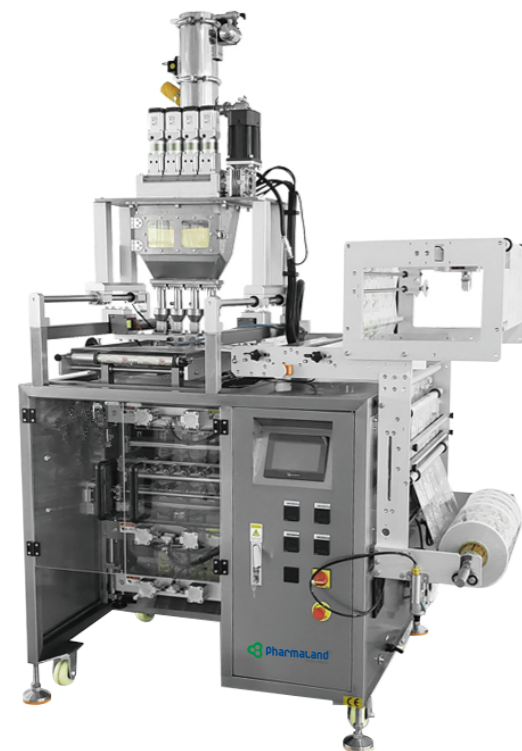
The automatic filling machine is designed according to GMP standard, and can form an assembly line with bottle unscrambler, cap feeding and capping machine, labeling machine, and other equipment.

It is suitable for canned powder materials in food, medicine, daily necessities, and other industries.

The main body of the machine is made of 304 stainless steel, and the horizontally open material hopper is very easy to clean.

Servo and servo-driven control screw.

Motors, cylinders, electrical accessories, pneumatic components, etc. are all selected from well-known brands.



Powder Sachet Packaging Machine

Lane number	4-12 lane
Capacity	20-35 bags/min/lane
Measuring method	Screw/measuring cup
Sealing Type	4 sides sealing, 3 sides sealing, back sealing
Film thickness	0.07-0.10mm
Air consumption	0.8Mpa 0.8m3/min
Film material	Laminated film,like PET/PE,OPP/PE,NY/PE.etc.

Automatically measuring volume, making bags, filling, sealing, cutting, printing the lot number, and cutting easy tearing notches, finished product conveying.

Applicable for the powder, such as coffee powder, medical powder, milk powder, flour, bean powder etc.

Features

This packing system can finish the whole packing process automatically, includes feeding, measuring, filling, bag making, date printing, sealing, cutting, counting, finished product conveying.

- (1). Double servo motors for film drawing down system;
- (2). Automatic film rectifying deviation function;
- (3). Famous brand PLC. Pneumatic system for vertical and horizontal sealing;
- (4). It can complete feeding, measuring, filling, sealing, date printing, charging (exhausting), counting, finished product delivery when it equips with feeding and measuring equipment.

16 Gummy Production Line

Application:

The gummy depositing production line is independently developed by our company for the continuous production of different types of high-grade gummies. High-quality, multiple shapes, single-color, multi-color and filled gelatin gummies can be produced by changing the mold or depositing head.

The entire production line consists of a sugar dissolving pot, a mixing and storage pot, a depositing machine, a freezer, a conveyor, a roller sugar machine or an oil coating machine (optional). It can be used in the production of various gel raw materials, such as gelatin, pectin, carrageenan, and gum arabic.

The Process Of A Depositing Gummy (for reference)

Gelatin dissolving → sugar and glucose syrup boiling → add gelatin solution to the cooked syrup → add flavors, pigments, citric acid, etc → storage → depositing → cooling → demoulding → conveying → drying → packaging → finished product

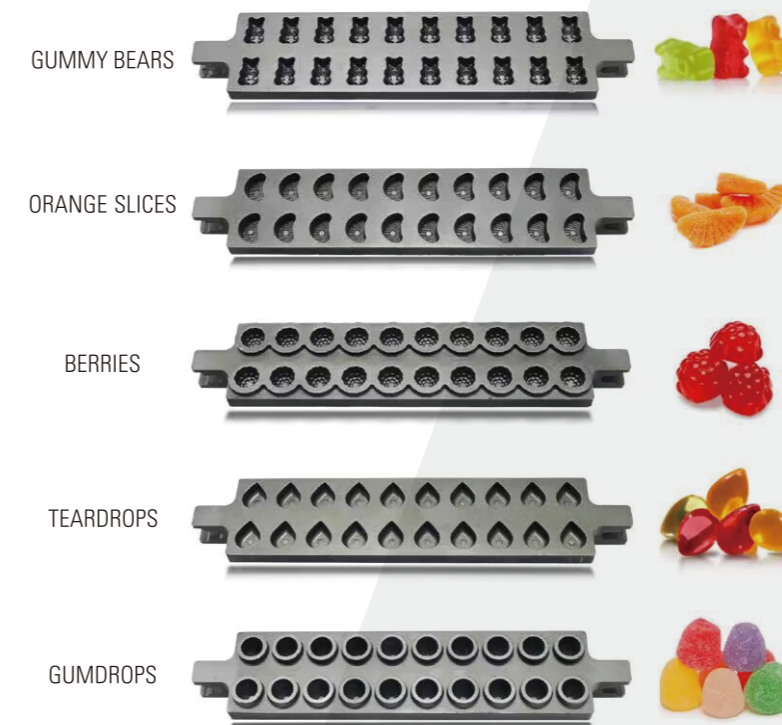
Technical Parameters

Model	PGM-150	PGM-300	PGM-450	PGM-600
Capacity	150kg/h	300kg/h	450kg/h	600kg/h
Power	30kw	45kw	60kw	75kw
Air Consumption	0.5m ³ /min	0.5m ³ /min	0.5m ³ /min	0.5m ³ /min
Steam Consumption	450kg/h	450kg/h	450kg/h	450kg/h
Steam Pressure	P<0.7Mpa	P<0.7Mpa	P<0.7Mpa	P<0.7Mpa
Water Consumption	2200L/h	2200L/h	2200L/h	2200L/h
Humidity	55%	55%	55%	55%
Dimension	1600X1500X2700mm	1600X2000X2700mm	1600X2360X2700mm	1600X2720X2700mm
Weight	6000kg	7500kg	8500kg	9500kg

Empty Capsule Uploading Machine

Various molds are used in the gummy production process to give the gummies different shapes and patterns. The selection and use of molds need to be flexibly adjusted according to production needs and market demands to ensure the quality and market competitiveness of gummies. Produce gummies with unique shapes and rich taste, bringing delicious and pleasant enjoyment to consumers.

Just send us a picture of how you want your gummy to look, including weight and size values, and we'll quickly produce your custom mold.



17 Small Gummy Equipment

Introduction:

This equipment is specially developed for pectin gummy customers with relatively small factories and low output requirements. Compact structure and modular assembly greatly save installation and debugging time, and have a high degree of automation.



Technical Parameters

Model	PMD-40
Production capacity	40kg/h
Rated depositing times	25-55(n/min)
Air consumption	0.50 m3/min
Humidity	55%
Total power	12-53kw
Oversize (L×W×H)	8000 ×1600× 2500mm
Total weight	3500kg

18 Laboratory Gummy Equipment

Introduction:

This equipment is designed for small laboratory research and development of gummy formulas and sampling. It is driven by a pneumatic system. The design is stable in structure and performance. It can produce gummies of different colors and flavors, and can design different shapes according to requirements. This equipment is an ideal laboratory-type equipment for formula development and testing in the early stage of mass production.



Technical Parameters

Model	PLD-20
Capacity	20pcs/min
Weight of pouring	2-7g
Number of pouring	20pcs/times
Candy shape	At customer's request
Total power	5kw
Oversize (L×W×H)	1500 ×800× 1800mm
Total weight	200kg

*Note: Technical data in all tables are subject to change due to technical improvements or customization.

19 Auxiliary Machine



Capsule Polisher

Output	Max 420,000 capsules/h
Power	220V, 50Hz, 370KW
Dimension	1150*1250*400mm

Key Features

Stainless steel material,
Meets GMP requirements.
AC motor with frequency conversion, safety and reliability;
Angle of main axis can be adjusted freely.



Industrial Dust Collector

Item	AS59-II	AS59-IV
Power	2.2kW	3kW
Air Flux	160m ³ /h	170m ³ /h
Air Pressure	24.5KPa	26 KPa
Noise	<75db	≤ 75db
Overall dimension	720x560x1280mm	720*560*1280 mm
Voltage	380V	380V
Net Weight	60kgs	65kgs

Strong dust collecting capability
Super-silent design
Can be used widely and work continuously for a long time

Capsule Polisher and Sorter

Output	Max 420,000 capsules/h
Power	220V, 50Hz, 370KW
Dimension	1150*1250*400mm

It is a capsule polisher with function of rejecting substandard capsules. Not only does it polish capsules, but also automatically reject low weight capsule, loose piece, and fragments of capsules.



Empty Capsule Uploading Machine



Hopper capacity	150L
Uploading speed	8000 capsules/min
Compressed air	clean, 0.6MPa
Power supply	270W 220V
Dimension	φ600×1100mm
Weight	50kg

Suitable for all sizes of capsules. Easy to operate, high capacity. Low noise.
Air pump provides compressed air, no need air source, no limitation of compressed air.
Can be connected to capsule filling machine, automatic uploading;



Tablet De-duster Uphill

Capacity	1000,000 tablets/h (based on 8mm tablets)
Max tablets diameter	25mm
Power	150W
Power supply	220V/1P/50Hz
Noise	<75dB
Dimension	500×550×1350~1500 mm
Weight	70kg

This uphill tablet de-duster can be used with tablet press machine & metal detector.
Performance:
Tablets come out at top position, tablets lifting & de-dusting at the same time. Tablets moving upwards via uphill sifters make tablets very clean. The speed can be adjusted .
Easy operation and cleaning, convenient to move.

Vacuum Loading Machine

Pneumatic vacuum conveyors are using compressed air based on a vacuum generator to produce a high vacuum system for the conveyance without mechanical vacuum pump. Simple structure, small size , low noise ,easy to control and eliminate static electricity and reach the GMP standard. High vacuum ensure the transported materials eliminate stratification and the homogeneity of mixture components.

Parameters List:

Model	QVC-1	QVC-2	QVC-3
Capacity	50-350kg/h	100-700kg/h	300-1500KG/h
Gas consumption	180L/min	360L/min	720L/min
Supply gas pressure	0.4-0.6Mpa		

Tablet De-duster Downward

High-yield	0-550000tablets/hour
Power	220V 0.5A 50Hz

Blow off powder on tablets output from tablet press machine and no static electricity;
Adopts the design of adding a isolated plate and avoid the pollution of powder in upper sifter to tablets in lower layer;
Can be on-line connected with all tablet press machine, the process is visible;
Rotary structure, easy to be dismantled and cleaned completely;

