



RUIAN GLOBAL MACHINERY CO LTD

- ★ Wet or dry granulation line
- ★ Capsule filling machine
- ★ Tablet capsule packing line
- ★ Powder or liquid filling line

RUIAN GLOBAL MACHINERY CO LTD

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Granulation Series

HLSG Series

Super Mixing Granulator

Application

This machine has mixer and high speed granulate device, it can mix powder and make the powder to granule.

Main Technical Parameter

Model	HLSG-10	HLSG-30	HLSG-50	HLSG-100	HLSG-200	HLSG-300	HLSG-400
Hopper Volume	10L	30L	50L	100L	200L	300L	400L
Effective Working Capacity	3L-7L	7L-21L	12-35L	25-70L	80-120L	130-180L	150-240L
operation time	Mixing: about 2mins		Granulating: about 7-14 min/batch				
Granularity	φ 0.14- φ 1.5mm(12-100mesh)						
Mixing Motor	2.2KW	3KW	5.5KW	7.5KW	15KW	18.5KW	22KW
Rotate Speed of Stirring Paddle	50-500rpm	50-500rpm	25-500rpm	30-250rpm	30-250rpm	30-220rpm	30-200rpm
Granulating Motor	0.75KW	1.1KW	1.5KW	3KW	4KW	7.5KW	11KW
Rotate Speed of Granulating Paddle	50-3000RPM						
Overall Dimensions (L × W × H) mm	1350x540	1480x540	1935x662	2078x702	2268x910	2600x1500	2870x1172
Weight	330kg	350kg	400kg	700kg	1100kg	1350kg	1700kg



HD Series

Multidirectional Movable Mixing Machine

Application

this multi-directional mixer can mix powder and granule completely, it is widely used in pharmaceutical, food, chemical agriculture industry and so on.

Main Technical Parameter

Specification	Mixing drum Volume (L)	Max. load (L)	Motor power(KW)	Weight (kg)	Weight (mm)
HD 5	5	4	0.55	80	530 × 800 × 630
HD 25	25	16	0.75	100	670 × 900 × 800
HD 50	50	40	1.1	200	1000 × 1260 × 1350
HD 100	100	80	2.2	600	1380 × 1500 × 1670
HD 200	200	170	3	750	1720 × 1850 × 1910
HD 400	400	340	4	1300	1900 × 2100 × 1980
HD 600	600	500	5.5	1500	2100 × 2250 × 2200
HD 800	800	680	7.5	2200	2400 × 2650 × 2750
HD 1000	1000	850	7.5	2450	2650 × 2800 × 2900
HD 1500	1500	1275	11	4000	2950 × 3200 × 3300



LFL Series

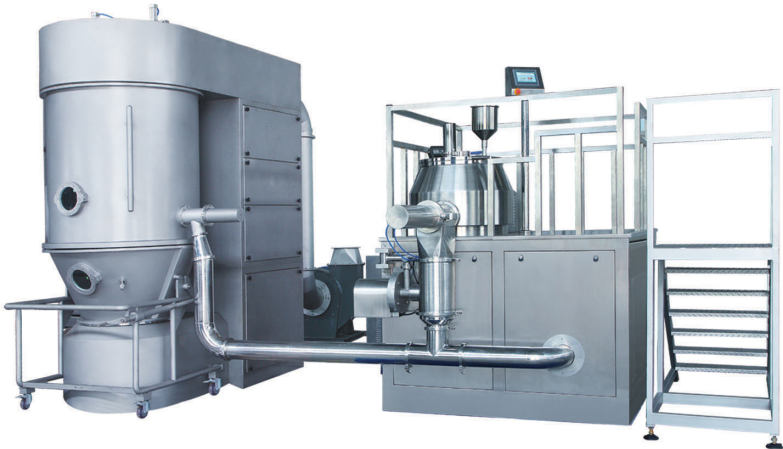
Granulating and Drying Unit

Application

This machine include wet granulator and fluid bed dryer, this is machine can make wet granule, then suck the wet granule into dryer by vacuum, then dry it by hot air, it also can install sprayer.

Main Technical Parameter

Model	High shear Granulator	Wet mill	Fluid bed dryer	Dimension of the machine
LFL10	HLSG-30	SZ-100	FG-FL-10	3500 × 3200 × 3000mm
LFL30	HLSG-100	SZ-100	FG- FL-30	3800 × 3500 × 3200mm
LFL60	HLSG-200	SZ-300	FG- FL-60	4300 × 4050 × 3600mm
LFL100	HLSG-300	SZ-300	FG- FL-100	4500 × 4200 × 3900mm
LFL160	HLSG-400	SZ-500	FG- FL-160	4800 × 4700 × 4100mm
LFL200	HLSG-600	SZ-500	FG- FL-200	5200 × 5000 × 4600mm
LFL300	HLSG-800	SZ-600	FG- FL-300	5400 × 5200 × 4900mm
LFL500	HLSG-1200	SZ-600	FG- FL-500	5600 × 5400 × 5100mm



HTD Series

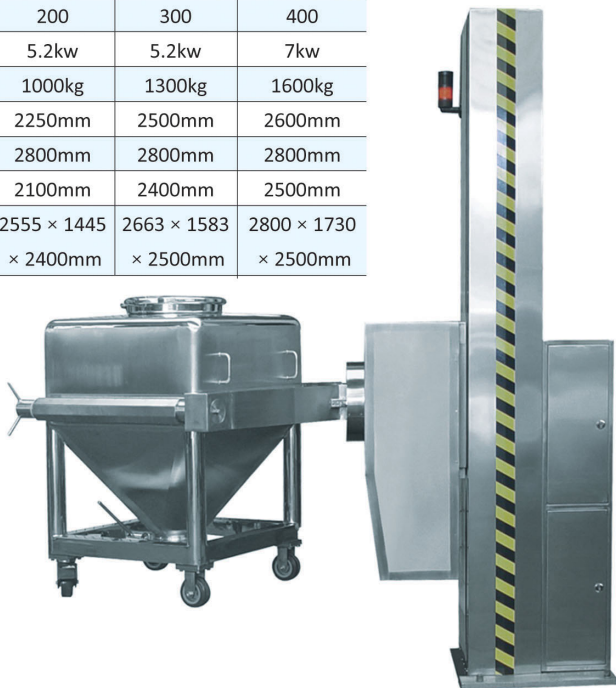
Post Bin Blender

Main Technical Parameter

Model	HTD-50	HTD-100	HTD-200	HTD-300	HTD-400	HTD-600	HTD-800
Blengding speed	3-20rpm	3-20rpm	3-20rpm	3-20rpm	3-20rpm	3-15rpm	3-15rpm
Net load	25	50	100	150	200	300	400
Total power	3.7kw	3.7kw	4.4kw	4.4kw	5.2kw	5.2kw	7kw
Machine weihgt	600kg	700kg	800kg	900kg	1000kg	1300kg	1600kg
Rotation Heihgt	1500mm	1500mm	1950mm	2150mm	2250mm	2500mm	2600mm
Ceiling Height	2500mm	2500mm	2500mm	2800mm	2800mm	2800mm	2800mm
Rotation Width	1400mm	1400mm	1800mm	2000mm	2100mm	2400mm	2500mm
Overall dimension	2045 × 1020 × 2000mm	2045 × 1020 × 2000mm	2260 × 1202 × 2300mm	2457 × 1306 × 2300mm	2555 × 1445 × 2400mm	2663 × 1583 × 2500mm	2800 × 1730 × 2500mm

Application

This equipment can execute automatically raising, blending and lowering tasks. One main machine can be configured with multi-bins, so varietal blending can be satisfied, consequently it is considered as the ideal blending equipment in pharmaceutical industry. It is also widely used in chemical, foodstuff industries, etc.





HG Series

Dry Granulator Machine

- 1 Pharmacy: granules using for tablet, capsule filling etc.
- 2 Food industry: granules using at food, condiment etc.
- 3 Chemical industry and others: catalyst, pigment etc.

Main Technical Parameter

Model	HG-100	HG-200
Granularity	0.4-2.0mm	0.4-2.0mm
Production	30-100kg/h	60-200kg/h
Feeding Rotating Speed	10-86rpm	20-102rpm
Roller Rotating Speed	8-25rpm	10-38rpm
Granulating Rotating Speed	40-186rpm	60-200rpm
Total Power	7.0kw	12kw
Overall Dimensions (LxWxH)	1400x1200x1950mm	1400x1300x2180mm

ZP Series

Tablet Press Machine

1. Pharmaceutical: Chinese tablets, Western medicine, plain films, chewable tablet, calcium tablet, spirulina tablet, effervescent tablet pioneer, camphor ball etc.
2. Foodstuff: candy pieces, flake coffee, chicken essence chunk, seasoning chunk, glucose tablet, milk powder candy etc.,.
3. Agriculture: wafered feed, fertilizer chunk, animal food etc.,.
4. Chemical: bleaching powder, ceramic powder, powder metallurgy, magnetic materials, antiseptic, powdered carbon molecular sieve etc.
5. Electronic: carbon brush, button cell, electronic component etc.

Main Technical Parameter

Model	ZP8	ZP10	ZP16	ZP24	ZP31DI	ZP39DI	GZPK32	GZPK40
Max pressure	60kn	60KN	60KN	60KN	80KN	60KN	100KN	100KN
Max filling depth	16mm	16mm	16mm	16mm	15mm	15mm	20mm	20mm
Max pressure diameter	25mm	18mm	13mm	11mm	20mm	13mm	16mm	13mm
Max tablet thickness	8mm	8mm	8mm	8mm	6mm	6mm	8mm	8mm
Working capacity (tablet/h)	8400	8100-30600	8100-30600	11000-41400	130200	163800	211200	264000
Power supply	380V 50HZ 3 phase							
Dimension(mm)	540 × 520 × 1600				1240 × 980 × 1650		820 × 1100 × 1750	
weight	500kg	500kg	500kg	500kg	1850kg	1850kg	1600kg	1600kg
Die amount	8	10	16	24	31	39	32	40



NJP Series

Automatic Capsule Filling Machine

Application

This machine can fill powder, granule or pellet or small ball into hard capsule,

Main Technical Parameter

Model	NJP-200C	NJP-400C	NJP-800C	NJP-1200C	NJP-2300C	NJP-3500C
Output (pcs./min)	200	400	800	1200	2300	3500
No.of Segment Bores	2	3	6	9	18	25
Applicable Capsule	00#-4#	00#-4#	00#-4#	00#-4#	00#-4#	00#-4#
Total Power	3KW	3KW	4KW	5KW	8KW	10KW
Weight of Main Machine	600Kg	700Kg	800Kg	900Kg	1500Kg	1600Kg
Overall Dimensions (mm)	610 × 670 × 1600	730 × 950 × 1700	700 × 900 × 1800	800 × 1000 × 1800	1010 × 1080 × 2000	1400 × 1380 × 2000



BG Series

High-Efficiency Film Coating Machine

Application

It can be widely used for coating various tablets, pills and sweets with organic film, water-soluble film and sugar film etc. In such fields as of pharmaceutical, food and biological products etc. And it has such characteristics as good appearance in design, high efficiency, low energy consumption and small floor area, etc.



Main Technical Parameter

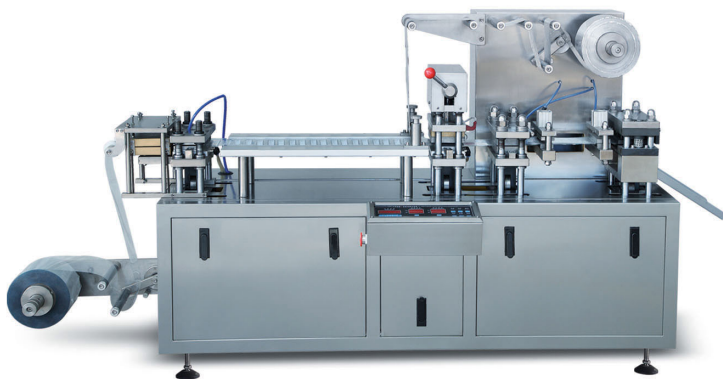
Model	BG-600E	BG-400E	BG-150E	BG-80E	BG-40E	BG-10E	BG-20H	BG-5H
Load Capacity	600L	400L	150L	80L	40L	10L	20L	5L
Rotation Speed of Coating Pan (R/M)	1-12RPM	1-13RPM	1-16RPM	1-19RPM	1-21RPM	1-25RPM	1-25RPM	1-30RPM
Power of Main Machine	5.5Kw	3Kw	2.2Kw	1.5Kw	1.1Kw	0.55Kw	0.75Kw	0.37Kw
Diameter of Coating Pan	φ1580mm	φ1580mm	φ1200mm	φ930mm	φ750mm	φ500mm	φ680mm	φ480mm
Motor of Air Exhaust Cabinet	11Kw	7.5Kw	5.5Kw	3Kw	2.2Kw	0.75Kw	2.2Kw	1.1Kw
Air Exhaust Flow	15450m³/h	10000m³/h	7419m³/h	5268m³/h	3517m³/h	1285m³/h	3517m³/h	2500m³/h
Motor Power of Hot Air Cabinet	5.5Kw	3Kw	1.5Kw	1.1Kw	0.75Kw	0.37Kw	0.75Kw	0.25Kw
Hot Air Flow	7419m³/h	5200m³/h	2356m³/h	1685m³/h	1285m³/h	816m³/h	1200m³/h	504m³/h
Weight of Main Machine	2800Kg	1562Kg	1020Kg	684Kg	500Kg	200Kg	625Kg	750Kg
Clean Air	Pressure	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa	≥0.4Mpa
	Air Comsumption	2m³/min	1.5m³/min	1m³/min	0.4m³/min	0.4m³/min	0.3m³/min	0.6m³/min
Machine dimension (L × W × H)	Main Machine(mm)	2000 × 2277 × 2660	2000 × 1670 × 2660	1570 × 1260 × 2250	1210 × 1000 × 1900	1000 × 800 × 1900	900 × 620 × 1800	1050 × 960 × 1800
	Hot Air Cabinet(mm)	1600 × 1100 × 2350	1000 × 600 × 2300	900 × 800 × 2050	900 × 800 × 2050	900 × 800 × 2050	800 × 650 × 1600	1050 × 960 × 1800
	Air Exhaust Cabinet(mm)	1050 × 1000 × 2470	1050 × 1050 × 2300	950 × 950 × 2245	900 × 820 × 2130	820 × 720 × 1750	800 × 650 × 1600	650 × 600 × 1000

DPP-120H

Multi-function AL-plastic Blister Packaging Machine

Application

It is widely used for capsule, tablet, honey pills in pharmaceutical industry, for milk tablet, candy, chocolate in food industry, for injector, syringes, pins, small component etc. in electron or hardware industry as all kind of shapes of AL-AL,AL-Plastic, paper-plastic combined sealing packing.



Main Technical Parameter

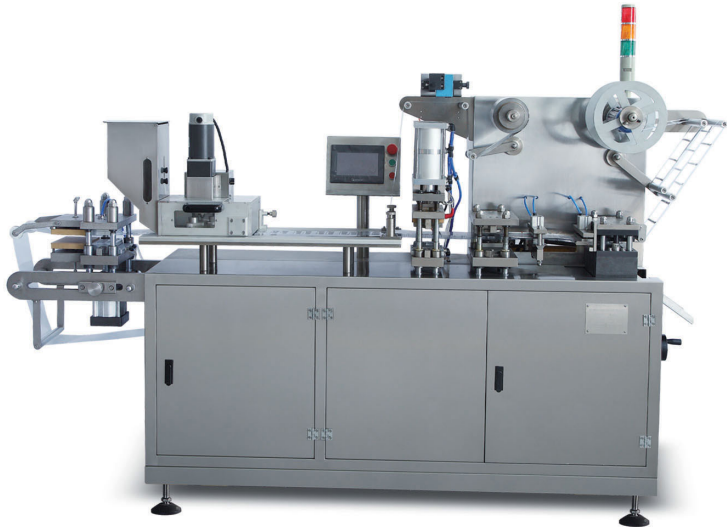
Cutting Fequency	Al-plastic:10-40 Times/min
	Al-Al:10-30 Times/min
Travel Range	30-100mm (Adjustable)
Max forming area	120×90mm
Max Forming Depth	20mm (customized according to customer requirements)
Main motor power	0.75kw
Upper heating power	0.5kw
Lower heating power	0.5kw
Heat sealing heating power	0.5kw
Air volume flow	≥0.2m ² /min
Air pump pressure	0.4-0.6Mpa
PVC	0.25-0.5×130mm
PTP	0.02-0.035×130mm
Dialysis paper	50-100g×130mm
Overall dimensions	2070×650×1060 mm
Weight	560kg

DPP-150E

Multi-functional Automatic Plastic Blister Packaging Machine

Application

It is widely used for capsule, tablet, honey pills in pharmaceutical industry, for milk tablet, candy, chocolate in food industry, for injector, syringes, pins, small component etc. in electron or hardware industry as all kind of shapes of AL-AL,AL-Plastic, paper-plastic combined sealing packing.



Main Technical Parameter

Cutting Fequency	15-35 Times/min
Travel Range	40-120mm (freely adjusted)
Max forming area	140×110mm
Max Forming Depth	25mm (customized according to customer requirements)
Main motor power	1.5kw
Upper heating power	0.8kw
Lower heating power	0.8kw
Heat sealing heating power	0.7kw
Air volume flow	≥0.2m ² /min
Air pump pressure	0.4-0.6Mpa
PVC for Medicine	0.25×150mm
Aluminum foil	0.02×150mm
Overall dimensions	2450×570×1550 mm
Weight	620kg

DPP-260H

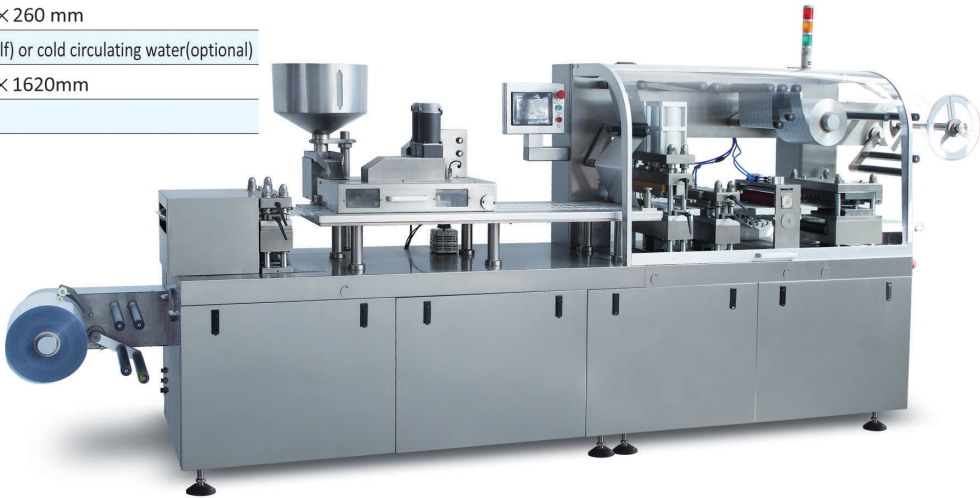
High-speed AL-plastic Blister Packaging Machine

Main Technical Parameter

Cutting Ffequency	Al/plastic:25-60 times/min
Production Capacity	Al/plastic:140thousand blister/hour
Max Forming Depth	Al/plastic:22mm (customized forming depth)
Travel Range	30-120 mm (made to order140 mm)
Total Power	380V 50HZ 8.5KW
PVC Rigid Sheet	0.25-0.5×260 mm
Dialysis Paper	50-100g×260 mm
PTP Aluminum Foil	0.02-0.035 ×260 mm
Cooling	Condensate (self) or cold circulating water(optional)
Overall Dimensions	4460×760×1620mm
Weight	1850kg

Application

It is widely used for capsule, tablet, honey pills in pharmaceutical industry, for milk tablet, candy, chocolate in food industry, for injector, syringes, pins, small component etc. in electron or hardware industry as all kind of shapes of AL-AL, AL-Plastic, paper-plastic combined sealing packing.



NSL-Series

Automatic Strip Packaging Machine

Application

This machine is suitable for pack tablet or capsule into soft aluminum. Automatic feeding, crisp remove, material automatic filling, high speed heat-sealing, vertical and horizontal perforation, batch number printing, product cutting, defective sorting, finished product counting, waste material dispose, product output.

Main Technical Parameter

Model	NSL-350B	NSL-260B	NSL-160B
Capacity	≤1500	≤1100	≤800
Punch frequency	40-80	40-80	40-80
Air compressor	0.45 Mpa ≥0.2m ³ /min	0.45 Mpa ≥0.2m ³ /min	0.45 Mpa ≥0.2m ³ /min
Material roll DIA	350mm	250mm	160mm
Material roll DIA	300mm	300mm	300mm
Total power	4.0KW	3.75KW	2.75KW
Gross weight	1200kg	1100kg	900kg
Machine Dimension	1600×950×1900mm	1600×850×1900mm	1300×750×1700mm
Packing Dimension	1800×1200×2100mm	1800×1100×2100mm	1500×1000×1900mm



ZHJ-120

Automatic Vertical/Horizontal Cartoning Machine

Application

This is vertical carton machine, it can pack PVC blister and PVC and aluminum blister into carton. it also can pack bottle, plastic tube ,Granule bag ,Condom, Aluminum strip, plaster, coffer sachet, facial mask and so on with different filling device.



Main Technical Parameter

Model		Vertical	Horizontal
Encasing speed		30-120 Cartons/min	30-120 Cartons/min
Carton	Quality requirement	250-350g/m ² Base on carton size	250-350g/m ² Base on carton size
	Dimension range (L × W × H)	(65-125) × (30-85) × (12-50)mm	(70-180) × (35-85) × (14-50)mm
Leaflet	Quality requirement	60-70g/m ²	60-70g/m ²
	Unfolded leaflet specification	(80-250) × (90-170)mm	(80-250) × (90-170)mm
	Fold range	【 1-4 】 Fold	【 1-4 】 Fold
Compressed air	Working pressure	≥0.6Mpa	≥0.6Mpa
	Air consumption	120-160L/min	120-160L/min
Power supply		220V 50Hz	220V 50Hz
Motor power		0.75kw	0.75kw
Machine dimension (L × W × H)		2150 × 1140 × 1800mm	3100 × 1100 × 1550mm
Machine weight		1100kg	1400kg

ZHJ-260

Automatic High Speed Continuous Cartoning Machine



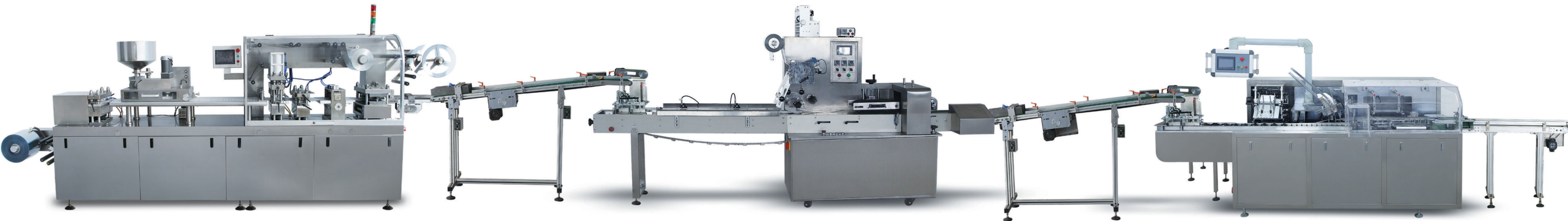
Application

this high speed carton packing machine, it can pack PVC blister and PVC and aluminum blister into carton. it also can pack bottle, plastic tube ,Granule bag ,Condom, Aluminum strip, plaster, coffer sachet, facial mask and so on with different filling device.

Main Technical Parameter

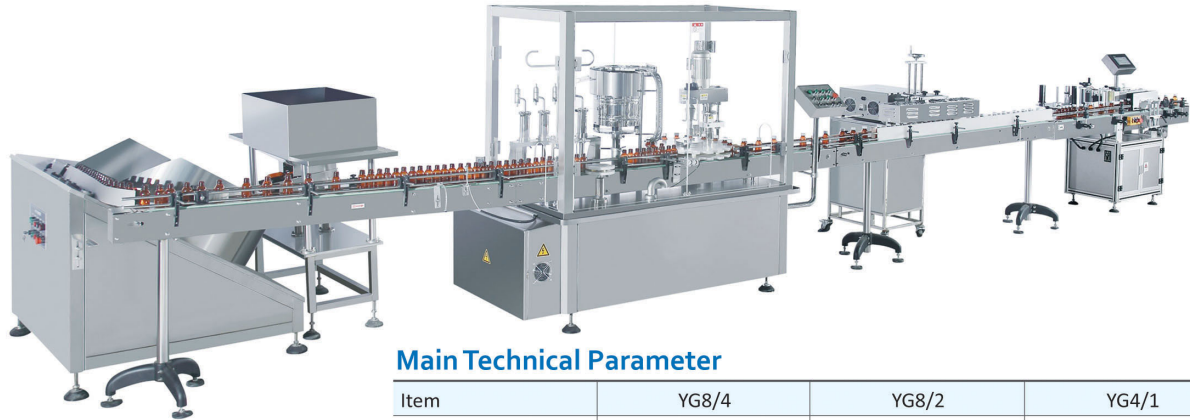
Encasing speed		260 Cartons/min
Carton	Quality requirement	250-350g/m ² Base on carton size
	Dimension range (L × W × H)	(70-180) × (35-80) × (14-50)mm
Leaflet	Quality requirement	60-70g/m ²
	Unfolded leaflet specification	(80-250) × (90-170)mm
	Fold range	【 1-4 】 Fold
Compressed air	Working pressure	≥0.6Mpa
	Air consumption	160-200L/min
Power supply		380V 50Hz
Motor power		5kw
Machine dimension (L × W × H)		4800 × 1600 × 1860mm
Machine weight		3000kg

This is blister and carton packing line



YG 8/2

Powder Or Liquid Filling Machine Line



Application

This line can include bottle washing machine, bottle dry machine, bottle feed turn table, filling and capping machine, label machine and so on, it can used for pack powder or liquid into bottle, the bottle can be round, square or Irregular.

Main Technical Parameter

Item	YG8/4	YG8/2	YG4/1
Filing nozzles	8	8	4
Capping heads	4	2	1
Filling range	20-500ml	20-500ml	20-500ml
Ideal filling range	20-500ml	20-500ml	20-500ml
Alternative cap type	Pilfer-proof cap, screw cap, alum. ROPP cap		
Capacity	3600-5000	3600-5000	2400-3000
Filling precision	≤ ± 1%	≤ ± 1%	≤ ± 1%
Qualified capping	≥ 99%	≥ 99%	≥ 99%
Power supply	220/380V 50/60Hz	220/380V 50/60Hz	220/380V 50/60Hz
Power consumption	≤ 2.2KW	≤ 2.2KW	≤ 1.2KW
Compressed air required	0.4-0.6MPa	0.4-0.6MPa	0.4-0.6MPa
Net weight	1500KG	1000KG	800KG
Overall dimension	3000 × 1000 × 1600mm	3000 × 1000 × 1600mm	2500 × 1000 × 1600mm



▲ CGN-208D Semi Automatic Capsule Filling Machine



▲ Capsule Polisher/ Capsule Polisher with Sorter



▲ Medicine Inspection Machine



▲ Tablet/Capsule Printer



▲ Capsule Printer



▲ Tablet Deduster

SLJ Series

Tablet or Capsule Counting Line



Application

This machine used for fill tablet or capsule into bottle.
It is modern machine now

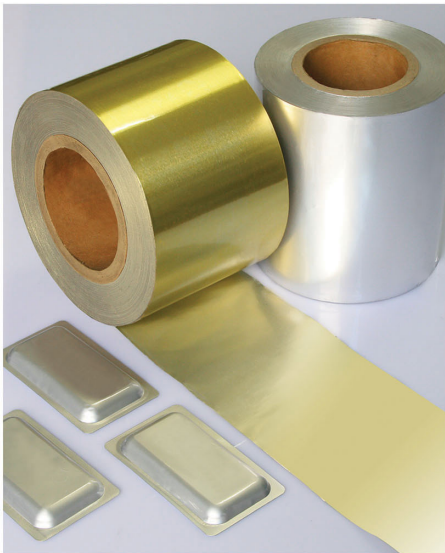
Main Technical Parameter

Item	High speed	Middle speed	Low speed
Scope	Φ1.5pills, 00-5#capsule, soft capsule, ϕ 5.5-12tablet		
Filling capacity	2-9999 pieces (can be adjusted)		
Voltage	AC220V, 50Hz		
Power	6kw	5kw	5kw
Production capacity	60-120 bottle/Min	40-80bottles/Min	20-40bottles/Min
	it should according to medicine quality, size, bottle size, filling capacity.		

Packing Material



▲ PVC Material



▲ Aluminium Material



▲ Capsule Shell