



A Pharma Machinery Division, For a Better Life.

Hubei Aipak Pharmaceutical Machinery Co., Ltd. was established in 2002 and is a professional pharmaceutical machinery manufacturer and supplier in China. Our main products include capsule filling machine, blister packing machine, capsule polisher, high-speed rotary tablet press machine, pharmaceutical coating machine, Tablet, Capsule and softgel counting line and so on.

As a professional manufacturer in pharmaceutical industry, our company has a forward-thinking management team and a first-class technical team. In addition to technological innovation, our staff develops, designs, manufactures, and markets high quality products and provide courteous after-sale services for all our clients. We also utilize computer-aided design programs, a local area network management system, and an ISO9001: 2000 quality management system, all of our products meet pharmaceutical GMP standards.

So far, our pharmaceutical machines have been exported to more than twenty countries and regions, including the USA, Canada, Brazil, Australia, Germany, Russia, South Korea, Indonesia, India, Pakistan, Singapore, Nigeria, Mauritius, Iraq, Iran, Malaysia, Vietnam, India, Bangladesh, Taiwan, Hong Kong, and so on.

With 17 years' experience in manufacturing and sales, our staff strives for innovation, high quality products, considerate customer service, and brand recognition.



TF Series

Herb Crusher



Main purpose:

The machine is applied to such industries as pharmacy, chemical industry, pesticide, food and grain.

Main feature:

The machine utilize high-speed relative movement between the moveable and fixed gear plates, so as to make the materials crush under the impact and friction of gear,as well as impact between materials.The machine is characterized by simple and sold structure ,smooth operation and good crushing effect. Materials to be crushed can be discharged from the grinding cavity of the main machine. The granule size can be obtained by changing mesh screens with different bore diameters. Besides, the machine is entirely made of stainless steel. The internal walls of the casing are subject to mechanical machining to achieve smooth surface, changing roughness and residual powers of inner walls in previous models of machines. It can make the production of machine, food and chemical products meet national standards and GMP requirements.

Main Technical Parameter

Model	TF-20	TF-30	TF-40	TF-60	TF-80
Production Capacity(kg/h)	20-150	30-300	40-800	80-1200	150-2000
Spindle rotation speed	4500	3800	3400	3000	2100
Charging granularity(mm)	6	10	12	15	20
Crushing fineness(mesh)	12-120	12-120	12-120	12-120	12-120
Motor power(kw)	4	7.6	11	22	30
Overall dimensions(mm)	700x900x1500	800x1100x1700	850x1200x1850	950x1300x1950	1100x1000x2100
Weight(kg)	250	350	450	800	1200

CH Series

Micro Crushing Unit



Working Prinple:

The materials enter the crushing chamber from the hopper through the spiral conveyor, and then are crushed by the high-speed rotating blade. The powder enters the classifying chamber across the guide ring. As the classifying wheel is rotating, the powder in the blade channel will be impacted by the air force and centrifugal force. Particles among the powder with their size larger than the critical diameter (classifying particle size) will be returned to the crushing chamber for further crushing, while particles smaller than the critical diameter will be transferred to the cyclone separator and bag dust remover through the discharging pipe in the model of negative-pressure air discharging. The discharging materials meet the requirements of products.

Main Purpose:

The machine is used for mixing powder or paste materials to every mix inhomogeneous materials. It has such features as horizontal trough type single-balde mixing and through-axle mixing blade that facilitates cleaning. The parts contacting materials are all made of stainless steel.

Working Principle:

The rotation of the blade in the materials trough is used to evenly mix inhomogeneous materials. The materials trough an blade of the trough mixer carry out reverse operation simultaneously. Compared with general trough mixers, it has higher efficiency and more uniform mixing.

Technical parameter:

Model	Production Capacity	Feeding size	Output size	Total Power	Main Speed	Overall size	Weight
WFJ-15	20-100	<10	80-320	13.37	~5800	4500X1250X2700	850
WFJ-20	50-200	<10	80-320	18.37	~4200	6000X1250X2900	1000
WFJ-30	100-400	<10	80-320	42.5	~3800	7100X1300X3650	1300
WFJ-60	200-800	<12	80-320	77.5	~3200	8000X2300X4500	2500
WFJ-80	300-1000	<12	80-320	96	~2800	8500X2500X4600	3000

GHJ-V Series

High-efficient Mixer



Applications:

GHJ-V Series Mixer/Blenders are commonly used for mixing of dry granulate in pharmaceutical, chemical, foodstuff and other industries.

Features:

Featuring unique structure, high mixing efficiency and without dead angle, the mixing barrel is made of stainless steel with polished internal and external walls. And this machine has beautiful appearance, uniform mixing and wide application.

Technical parameter:

Type	180	500	1000	1500	2000	2500	3000	4000
Total volume	0.18	0.5	1.0	2.0	2.0	2.5	3.0	4.0
Capacity	40	100	200	300	400	500	600	800
Mixing Time	4-8	6-10	6-10	6-10	6-10	6-10	6-10	6-10
Drum rotate speed	12	12	10	10	10	8	8	8
Power	1.1	2.2	4	5.5	7.5	7.5	11	11
Overall size	1780x680	2500x1350	2800x1350	3055x1650	3340x1650	3820x1900	4690x2200	4950x2200x
LxWxH(mm)	x1700	x2450	x2450	x2980	x2980	x3480	x4000	4230
The total height of rotary(mm)	1870	2450	2940	2100	3200	3670	4000	4290
Weight(kg)	290	550	700	900	1500	1800	2200	2800

HD Series

Multi-directional Motion Mixer



Applications:

It is widely applied for mixing of powder materials in pharmaceutical, chemical, metallurgical, food, light and agricultural industries, also can evenly mixing materials in different proportion and different granule size.

Features:

With special three-dimension swinging, parallel moving and rolling, it generates a strong alternant pulse force; continuously push to mix materials. The concomitant vortex possesses variational energy grads, which brings the great mixture efforts.



Technical parameter:

Specification	Mixing Drum Capacity(L)	Maxload (L)	Motorpower	Revolution (r/min)	Weight (kg)	Height of material outlet	Height of charger outlet	Overall size LxWxH(mm)
HD-5	5	4	0.5	《25	70	280	800	1010x670x670mm
HD-25	25	20	0.75	《22	100	260	820	1010x670x670mm
HD-50	50	40	1.5	《16	200	500	1200	1190x1090x1450mm
HD-100	100	80	2.2	《15	500	600	1570	1580x1260x1600mm
HD-200	200	170	2.2	《14	700	600	1680	1920x1550x1920mm
HD-400	400	340	4	《13	1200	630	1900	2270x1670x2170mm
HD-600	600	500	5.5	《13	1500	630	2100	2470x1860x2270mm
HD-800	800	680	5.5	《10	2500	780	2300	2840x2200x2470mm
HD-1000	1000	850	7.5	《10	2600	700	2450	2950x2150x2530mm
HD-1500	1500	1250	11	《8	300	850	2800	3403x2700x3120mm

HLSC Series

High Speed Wet Mixing Granulator



Features:

- With consistent programmed technology (man-machine interface if option selected), the machine can get assured of stability in quality, as well as easy manual operation for convenience of technological parameter and flow progress.
- Adopt frequency speed adjustment to control the stirring blade and cutter, easy to control the size of particle.
- With the rotating shaft hermetically filled with air, it can prevent all dust from compact.
- With a structure of conical hopper tank, all material can be in uniform rotation. The tank is laid with an interlayer on the bottom, in which water cooling circulation system featuring higher thermostatic performance than air cooling system is furnished, which leads to improve the quality of particles.
- With automatic lifting of the pan cover, the tank outlet matching with drying device, self-equipped arm-ladder, it is easy to operate. self-equipped arm-ladder, and easy to operate.
- Lifting system with paddle is more beneficial to clean paddles and pot body.

Technical parameter:

Model	HLSC-200	HLSC-300	HLSC-400	HLSC-600
Total volume	200L	300L	400L	600L
Work capacity	60-150L	80-220L	100-280L	150-400L
Feeding quantity	30-75Kg/batch	40-110Kg/batch	50-140Kg/batch	75-200Kg/batch
Granularity	Φ0.14-Φ1.5mm(12目-100目)			
Mixing motor	15KW	18.5KW	22KW	30KW
Mixing rotate speed	30-260Transfer/min	25-220Transfer/min	25-220Transfer/min	25-220Transfer/min
Granulating motor	4KW	5.5KW	7.5KW	11KW
Granulating rotate speed	50-3000Transfer/min	50-3000Transfer/min	50-3000Transfer/min	50-3000Transfer/min
Overall dimension	2180×810×1950mm	2420×1060×2150mm	2420×1060×2150mm	2980×1200×2500mm
Weight	1350kg	1800kg	1900kg	3880kg

FG Series

Fluid Bed Dryer



Main purpose:

The machine is suitable for drying power or granules. Its speed is 10-20 times higher than that of common ovens.

Main feature:

Maxing and drying are combined in the same equipment with fast mass and heat transfer. The operation is carried out in a closed status under negative pressure. The machine has such features as no dust, no dead corner, thorough cleaning and no cross contamination. Steam heating or electric heating can be aborted. It uses antistatic filter materials. The filter bag is lifted and lowered pneumatically with safe operation, meeting GMP requirements for sanitation.



Technical parameter:

MODEL	FG-30	FG-60	FG-90	FG-120	FG-150	FG-200	FG-300	FG-500	FG-800-100	
Raw material vessel volume	100	220	300	420	500	670	1000	1500	Designed according to customer requirements	
Production capacity(kg/h)	30	60	90	120	150	200	300	500		
steam	Pressure(Mpa)	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6		
	Consumption(m³/min)	0.3	0.6	0.6	0.6	0.6	0.6	0.6		
Compressed air	Pressure(Mpa)	0.6	0.6	0.6	0.6	0.6	0.6	0.6		
	Consumption(m³/min)	0.3	0.6	0.6	0.6	0.9	0.9	1.1		
Induced draft fan power(KW)	5.5	11	15	18.5	22	22	30	45		
Air inlet temperature(C)	Normal tempearture-120C automatic adjustment									
Yield rate(%)	>90									
Field moisture content(%)	Reaching 0.2									
Noise	Fan isolating treatment not more than 75 dB									

GZPK Series

Automatic High-speed Rotary Tablet Press Machine



Technical parameter:

Model	GZPK-45	GZPK-55	GZPK-75
No. of station	45	55	75
Capacity(tablets/h)	405000	495000	675000
Max.tablet diameter	25mm	16mm	13mm
Max.profiled shaft size	25mm	19mm	16mm
Main pressure	100KN	100KN	100KN
Pre-pressure	20KN	20KN	20KN
Max. filling depth	20mm	20mm	20mm
Max. thickness range	0.5-8mm	0.5-8mm	0.5-8mm
Main motor power	11KW	11KW	11KW
Dimension (mm)	1200 × 950 × 1850mm		
Net weight (KGS)	3980kg		

BG Series

High-efficient Film Coating Machine



Application:

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

Technical parameter:

Item	Model	BG-5	BG-10	BG-40	BG-80	BG-150	BG-250	BG-400	BG-600
Maximum capacity(kg)		5	10	40	80	150	250	400	600
Roller speed adjust range		2-25	2-25	2-20	2-20	2-18	2-15	2-15	2-12
Main machine outline dimension(LxWxH)		900x800 x1700	900x840 x1800	1080x900 x2000	1210x1000 x2100	1600x1260 x2300	2000x1550 x2550	2050x1680 x2650	2400x2020 x2650
Coating roller diameter		Φ 400	Φ 580	Φ 820	Φ 940	Φ 1200	Φ 1500	Φ 1580	
Main machine motor power		0.55	0.55	1.1	1.5	2.2	3	4	5.5
Hot air cabinet motor power		0.37	0.37	0.75	1.1	1.5	3	3	5.5
Exhaust cabinet motor Power		0.75	0.75	2.2	3.0	5.5	7.5	7.5	1.1
Exhaust cabinet air supply volume		800	900	2500	2700	3600	4200	5000	6500
Hot air temperature control range		< 80	< 80	< 80	< 80	< 80	< 80	< 80	< 80
Power supply	Three-phase-five-wire	6kw,380v	7kw,380v	12kw,380v	15kw,380v	18kw,380v	25kw,380v	32kw,380v	45kw,380v
Air supply	Clean compressed air	>0.40	>0.40	>0.40	>0.40	>0.40	>0.40	>0.40	>0.40
	Compressed air consumption	0.2	0.2	0.3	0.4	0.6	0.8	1.2	1.2
Steam	Steam pressure			>0.6	>0.6	>0.6	>0.6	>1.14	>1.0
	Steam consumption			40	60	80	110	130	200
	Steam pipe diameter			G1"	G1"	G1"	G1.2"	G1.2"	G2"
Heat insulation barrel electric heating power				1kw	2kw	2kw	4kw	4kw	6kw

CGN208-D

Semi-Automatic Capsule
Filling Machine



Features:

The semi automatic capsule filling machine is a special machine which is suitable for the medium, small pharmaceutical factory and hospital labs. It adopts programmable control system, touch panel operation, step-less transudation speed shift, and electronic counter. The machine can complete the actions of position, separation, filling and locking. The dosage is accurate and the operation is very easy to learn.

Technical parameter:

The time of replacing debugging mold	5-8 minutes (for beginners)
Production rate	25000-30000 pcs/hour (depending on capsules No.)
Applicable capsules	000#,00L#,00#,0#,1#,2#,3#,4#, Mechanism standard capsules
Filling material	Without a sticky and wet powder, small granules
Total power	4.0kw
Air pressure	0.03m3/min 0.7Mpa
Vacuum pump	Pump capacity is 40m³/h
Machine Dimension	1140 × 700 × 1630mm
Packing Dimension	1650 × 800 × 1750mm
Net weight	350kg
Gross weight	380kg

NJP Series

Automatic Capsule Filling Machine



Features:

The machine is an intermittent motion and hole plate type filling fully automatic capsule filling equipment. It adopt optimization design combined the characteristics of Chinese medicine and the requirement of GMP, it has the characteristics of compact mechanism, small volume, lower noise, precision filling dosage, multi-function, running stably etc. It can finish the following motion at same time: capsule feeding, capsule separating, powder filling, capsule rejecting, capsule locking, finished capsule discharge and module cleaning etc. This machine is designed for meet the volume-produce on the basis of model NJP-1200 automatic capsule filling machine. it increases the lifting mechanism that easy to clean. It saves the cost and manpower for the enterprise that need volume-produce.

Technical parameter:

Model	NJP-400	NJP-800	NJP-1200	NJP-2500	NJP-3200	NJP-7500
Filling Dosage	Powder, Pellets, Tablet					
Capsule Size	Capsule size 000#-5# and safety capsule A-E					
Max Output (capsules/hour)	24000	48000	72000	150000	192000	450000
Total power	3.7KW	4.9Kw	5.75KW	6.45KW	9.55KW	13.5KW
Dust collector	160m³/h					
Overall Dimension LxWxH(mm)	720x680x1700	930x790x1930	1020x860x1970	1000x1050x1950	1130x1280x2060	1700x1220x2150
Weight (kg)	700	800	900	1500	2400	3800

DPP Series

High-speed AL-plastic/AL-AL Blister Packaging Machine



WZH Series

Automatic Cartoning Machine



Technical parameter:

Model	DPP-120H	DPP-150E	DPP-180H	DPP-260H2
Cutting Ffrequency	10-40Times/min	15-35Times/min	25-50Times/min	25-60Times/min
Max Forming depth (customized forming depth)	20mm	25mm	25mm	22mm
Travel range	30-100mm	30-120mm	30-120mm	30-120mm
PVC Rigid Sheet	0.25-0.5x130mm	0.25-0.5x150mm	0.25-0.5x180mm	0.25-0.5x260mm
Dialysis Paper	50-100gx130mm	50-100gx150mm	50-100gx180mm	50-100gx260mm
PTP Specification	0.02-0.035 x 130mm	0.02-0.035 x 150mm	0.02-0.035 x 180mm	0.02-0.035 x 260mm
Total power	380v 50Hz 0.75kw	380v 50Hz 1.5kw	380v 50Hz 3.8kw	380v 50Hz 9.5kw
Air Pressure	0.4-0.6Mpa	0.4-0.6Mpa	0.4-0.6Mpa	0.4-0.6Mpa
Overall Dimensions	2070x650x1060mm	2450x570x1550mm	3050x590x1550mm	4460x760x1620mm
Weight	560KG	620KG	780KG	1850KG

Technical parameter:

Cartoning speed	30-100 Box/min
Box	Quality requirement 250-450g/m ² (Base on carton size)
	Dimension range (L×W×H) (80-260)×(40-160)×(15-85)mm
	Quality requirement 60-70g/m ²
Instructions	Unfolded leaflet specification (L×W) (80-250)×(90-170)mm
	Fold range (L×W) 1-4 Fold
Compressed air	Working pressure ≥ 0.6mpa
	Air consumption 120-160L/min
Power	380V 50HZ
Overall dimensions(L×W×H)	4500×1360×1750mm
Weight	About1800kg

RJN Series

Soft Capsule Produce Equipment



Applications:

Adopts international advanced control technology, precisely design precisely producing, it is the dependable tool for the production of high quality soft capsules.

Technical parameter:

Model	RJN-250	RJN-200	RJN-15
Roll mode speed	0-6rmp	0-5rmp	0 - 5rmp
Roll mode size	φ 150 × 250mm	φ 103 × 200mm	103 × 100mm
Capsule production	100000/h, 8#olive, 500mg/pill	62400/h, 8#olive, 5rpm	30000pill/hour (8#olive)
Material feeding quantity	0-3 ml	0-2 ml	2.5 l
Load difference	<= ± 2%	<= ± 2%	<= ± 2%
Load precision	<= ± 1%	<= ± 1%	≥ ± 1%
Power supply	380V 50HZ	380V 50HZ	380v 50hz
Motor power	1.1Kw	300 ml/h (5rpm)	0.75 kw
Total power	9Kw	9 Kw	5 kw
Dimintions	2110 × 1000 × 2000mm	2050 × 890 × 2000mm	1680 × 600 × 1550mm
Weight	1400KG	1200KG	550KG

NF Series

Tube filling and sealing machine



Applications:

This equipment is suitable for filling cream, ointment, toothpaste, lotion, shampoo, cosmetic product into plastic laminated tube or aluminium tube.

Technical parameter:

Model	NF-60	NF-80	NF-100	NF-120
Use	Plastic tube, aluminium tube, laminated tube			
speed	30-60tubes/min	55-80tubes/min	80-95 tubes/minute	80-120 tubes/minute
Filling volume	5-250ml	5-250ml	5-250ml	5-250ml
Filling accuracy	±1%	±1%	±1%	±1%
Tube diameter	10-50mm	10-50mm	10-50mm	10-50mm
Tube length	50-210mm	50-210mm	50-210mm	50-210mm
Air pressure	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa
Motor power	1.1kw	1.5kw	1.5kw	2.2kw
Heat seal	3kw	3kw	6kw	6kw
Overall dimensions(L × W × H)	1800 × 850 × 1980mm	2200 × 1220 × 2080mm	2300 × 1350 × 1800mm	2950 × 1310 × 2300mm
Weight	850kgs	1200kgs	1500kg	3000kg

JF-2000-32

Grain Counting Bottling Packaging Linkage Production Line



Features:

- JF-2000-32 Grain counting bottling packaging linkage production line is made up of JF-2000 bottle unscramble, JF32 electronic counting machine, JF-C120 automatic desiccant inserter (cotton inserter or paper inserter). JF-D903 high speed capping screwing machine, JF-M1 water-cooled induction sealer, JF-T1 high speed round bottle side face abler(coding machine)
- 1. Wide applicability, with our original anti-dust technology ,it can be used for tablets(including abnormal tablets), capsules gels(including abnormal gels, transparent gels and opaque gels) pearls and most kind of tabloids
 - 2.High-intelligentce: intelligent design of each machine with interactive operating multi-language panel Can save10-20 kinds of different operating parameters and easy to load for different products. Self-diagnose, display errors and make alarms. Well cooperation between each machine and in the whole line
 - 3.High efficiency. Take purposed to operate, easy tope rate, to adjust, to clean and to maintain Low working cost .low maintain cost 3 workers will be enough to operate
 - 4. Small in size innerpackingroom30 m' max)and low cost in power
 - 5. Control system: adopting PLC and touch screen control

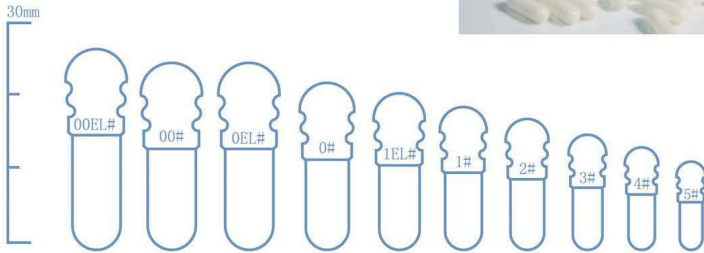
Technical parameter:

Model	Applicable	Capacity	Power supply	Power	Gas consumption	Dimension
JF-2000-32	#000-5 capsules, soft gel capsules, ϕ5.5-ϕ22 tablet , pills	100 bottles/min	220V/50HZ	8.0KW	1.5m³/min	11500*2500

Empty Capsule



- ◉ HPMC (Vegetarian) Empty Capsule
- ◉ Enteric HPMC (Vegetarian)Empty Capsule
- ◉ Enteric Empty Gelatin Capsule
- ◉ Empty Gelatin Capsule



Technical Specification of Empty Capsule

Technical parameter:

Item	00#EL	00#	0#EL	0#	1#	2#	3#	4#
Cap Length (mm)	12.0±0.4	11.7±0.4	12.2±0.4	11.0±0.4	9.8±0.4	9.0±0.3	8.1±0.3	7.2±0.3
Body Length (mm)	22.2±0.4	20.2±0.4	20.2±0.4	18.6±0.4	16.6±0.4	15.3±0.3	13.5±0.3	12.2±0.3
Cap mouth diameter (mm)	8.48±0.03	8.48±0.03	7.85±0.03	7.85±0.03	6.82±0.03	6.35±0.03	5.86±0.03	5.33±0.03
Body mouth diameter (mm)	8.15±0.03	8.15±0.03	7.34±0.03	7.34±0.03	6.61±0.03	6.07±0.03	5.59±0.03	5.06±0.03
Lock length (mm)	25.3±0.3	23.3±0.3	23.3±0.3	21.2±0.3	19.0±0.3	17.5±0.3	15.5±0.3	13.9±0.3
Average weight (mg)		123±7	109±7	97±7	80±6	64±5	49±4	39±3
Volume (ml)		0.95	0.78	0.66	0.50	0.37	0.30	0.21
Filling Volume	Powder Density 0.6g/ml	570	468	408	300	222	180	126
	Powder Density 0.8g/ml	760	624	544	400	296	240	168
	Powder Density 1.0g/ml	950	780	680	500	370	300	210
	Powder Density 1.2g/ml	950	936	816	600	444	360	252

AIPAK



AIPAK

Hubei Aipak Pharmaceutical Machinery Co., Ltd

Tel: +86-27-86659195 Fax : +86-27-86698193 QQ: 3506835587

Email: sales@icapsulepack.com Mob/Wechat/Whatsapp: +86 189 7157 0951

Website: www.icapsulepack.com

2019 9 Print