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Product catalog



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Hangzhou Shengde Machinery Co.,Ltd.

COMPANY PROFILE

About Shengde:

Shengde Machinery Co., Ltd. (SED Pharma) is a comprehensive pharmaceutical equipment supplier that provides solid preparation equipment, solid dosage equipment, medicine packing equipment, ointment processing equipment, and liquid dosage equipment for the pharmaceutical and biotech industry in the world. Since its foundation, we have supplied equipment and systems for over 300 pharmaceutical companies across over 80 countries and regions in the world. They have been widely applied in the fields of liquid and lyo injectables, chemical API, bioengineering and pharmaceutical packaging, and others.

We have been approved with all the international regulatory certifications like ISO9001, CE, BV, etc. To commit to our mission of "Providing solutions to the Pharmaceutical Industry", We cooperate closely with well-known scientific research institutions and pharmaceutical industry designing institutes to provide the most relevant project designs, the best quality equipment and customized service to different pharmaceutical / medical factories in various international markets.



Rich experience

Shengde strictly follows GMP requirements in terms of product design, functional configuration, material selection, and manufacturing technology, and some of its performance exceeds similar well-known foreign products.



After sale service

Shengde has a complete after-sales service system and fully responds to customer needs. The company fully implements the core value of "Customer First" to provide customers with comprehensive, thoughtful and meticulous services.

Professional team

The technical personnel of Shengde Machinery Company have more than 20 years of experience in the development and production of pharmaceutical packaging equipment. They comprehensively use modern sensor technology, computer technology, communication technology, and optical-mechanical integration technology. The equipment can be customized according to customers' special packaging containers, special packaging materials and special filling methods, and has a deep scientific and technological innovation.



ENTERPRISE HONOR

Our products have been approved with international regulatory certifications such as ISO9001, CE, BV, etc.

We are committed to provide the best quality equipment and the customized service to different pharmaceutical / medical factories From domestic and overseas.



COOPERATIVE PARTNER





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SED-CSJ Coarse Crusher

Introduction

This machine is mainly used in the pharmacy, the chemical industry, metallurgy industry, and the foodstuff industry, etc. It specially grinds the hard and solid materials including the plastic, copper wires, discarded material and so on. It also can be used as the corollary equipment for fine grinding process.

It is an ideal equipment for rough crushing with high efficiency and overcomes some disadvantages of the vertical type machine, such as locked moving cutter, lefting material in the chamber, low efficiency, etc.

Features

This coarse crusher adopts the horizontal crushing structure. The material enters the crushing chamber from the hopper, and gets crushed by the rotation of the centrifugal force with the use of rotating knife and fixed knife. The finished material automatically flow to the exit. The machine is designed according to the GMP requirements, which is made of stainless steel with simple structure, convenient cleaning and low noise. It is the most ideal equipment in the rough crushing machine.



Technical Data:

Data \ Model	SED-50CSJ	SED-300CSJ	SED-400CSJ	SED-600CSJ	SED-800CSJ
Production capacity (kg/h)	10-100	50-200	80-300	150-300	80-300
Feed size(mm)	≤50	≤100	≤100	≤100	≤100
Crush size(mm)	2-20	2-20	2-20	2-20	2-20
Main speed(r/min)	500	500	500	400	400
Power(kw)	1.5	3	4	7.5	22
Weight(kg)	100	150	200	300	600
Overall dimensions L×W×H(MM)	550×580×880	650×730×1240	900×1000×1330	960×1100×1700	1540×1340×2000

SED-FS Universal Crusher

Working Principle

The machine uses the high speed relative movement of the movable teeth to crush the material through the comprehensive action of the disc impact, friction and the impact between the materials. The machine features simple structure, stable operation and good crushing effect. The crushed material can be directly discharged from the grinding chamber of the main machine. The particle size can be obtained by changing the screen with different specifications. The inner wall of the chamber is processed to smooth surface, which changes the phenomenon of rough inner wall and powder deposition of previous models, and meets the GMP requirements. It is suitable for production in medicine, food and chemical industry, etc.



Technical Data:

Data \ Model	SED-150FS	SED-300FS	SED-400FS	SED-500FS	SED-600FS	SED-1000FS
Production capacity(kg/h)	20-150	30-300	40-400	80-500	100-600	80-1000
Main speed (r/min)	4500	3800	3400	2900	2400	2200
Feed size(mm)	<6	<10	<12	<12	<15	<15
Crush size	12-120	12-120	12-120	12-120	12-120	12-110
Power(kw)	4	5.5	7.5	11	22	37
Weight(kg)	150	250	280	350	400	600
Overall dimensions L×W×H(mm)	670×670×1120mm	700×700×1340mm	750×820×1400mm	840×860×1550mm	1000×1000×1980mm	2400×1100×2000mm

SED-CFS Superfine Pulverizer

Working Principle

The machine is composed of feeder, grading wheel, pulverizing blades, gears, pulverizing motor, discharging gate, fans, material collection box, dust collection box and etc. Raw material being fed into the grinding chamber through the upper feeder is pulverized by high-speed running blades. The fineness of the finished products is regulated via the distance adjustment of grading wheel and grading plate. The high speed running fans will lead pulverized material from grinding chamber to discharge port via negative pressure while those unpulverized remains in the chamber. The dust from grinding is filtered and recycled via the cloth bag of the dust collection box or the filter. The whole machine is designed according to GMP requirements, which is made of stainless steel with simple structure, convenient operation and cleaning, low noise and high capacity, avoiding dust flying in production.



Innovative Technology

- The machine is applied in industries such as pharmaceuticals food, chemicals and etc. with features of cool air and no sieve or screen required. It is not limited by the viscosity, hardness, softness or fiber shape of the raw materials and has good pulverizing effect to all materials, especially to those Chinese herbal medicines with fibers and oil.

Technical Data:

Data \ Model	SED-100CFS	SED-200CFS	SED-300CFS
Production capacity(kg/h)	10-100	20-200	50-300
Feed size(mm)	≤5	≤10	≤12
Crush size	20-250	20-250	20-250
Crush motor(mm)	5.5	7.5	11
Aggregate motor(kw)	1.5	2.2	3
Weight(kg)	320	550	600
Overall dimensions L×W×H(mm)	1330×1410×2050mm	1450×1450×2100mm	1600×1450×2200mm

SED-SH Three Dimensional Mixing Machine

Innovative Technology

- It is a high efficient mixing equipment, used for mixing powder and particle materials in pharmaceutical, food, chemical, light industry, and scientific research, etc. mixing powder and particle materials in pharmaceutical, food, chemical, light industry, and scientific research, etc.
- The mixing rate can reach up to 99.9%.
- The machine has compact structure, and each part of mixing chamber is transited by arc and polished precisely, which fully meet GMP requirements.



Technical Data:

Model	SED-5SH	SED-100SH	SED-200SH	SED-400SH	SED-600SH	SED-800SH	SED-1000SH	SED-1500SH
Volume(L)	5	100	200	400	600	800	1000	1500
Max Loading Volume(L)	4.5	90	180	360	540	720	900	1350
Max Loading Weight(kg)	1.5-2.7	30-54	50-108	100-216	150-324	200-432	250-540	400-810
Revolution (r/min)	0-20	0-20	0-15	0-15	0-13	0-10	0-10	0-9
Power(kw)	0.25	1.5	2.5	4	5.5	7.5	11	15
Overall Dimensions (mm)	600×1000×1000	1250×1800×1550	1450×2000×1550	1650×2200×1550	1850×2500×1750	2100×2650×2000	2150×2800×2100	2300×3200×2500
Weight (kg)	100	800	1200	1200	1500	1700	1800	2400

SED-VH V-Type Mixer

Innovative Technology

V-type mixer is commonly used in pharmaceutical, nutraceutical, chemical, food and related industries to mix dried powder and granules.

This mixer has the following features:

- No blind angle in the V-type rotating drum, no accumulation of materials.
- High mixing efficiency and short mixing time.
- The housing are made of stainless steel with beautiful appearance.
- Material feeding can be made either by manual operation or through pneumatic vacuum system.
- For discharging, rotating valves and rapid swivel heads are adopted.



Technical Data:

Model	SED-5VH	SED-8VH	SED-14VH	SED-20VH	SED-30VH	SED-50VH	SED-100VH	SED-200VH	SED-300VH	SED-500VH
Total Volume (L)	5	8	14	20	30	50	100	200	300	500
Working Volume(L)	2	3.2	5.6	8	12	30	40	120	180	300
Capacity (kg/batch)	2	2.5	4	6	8	14	28	40	60	80
Motor Power (KW)	0.55	0.55	0.55	0.55	0.75	0.75	0.75	1.1	1.1	2.2
Drum Rotate Speed (r/min)	24	24	20	20	20	12	12	12	12	12
Dimension (mm)	560×270×560	610×280×740	780×350×850	1090×340×1055	1250×350×910	1310×560×1250	1750×600×1620	2430×600×2200	2050×710×1700	2370×1000×1850

SED-CH Trough Shape Mixer

Working Principle

It is used for mixing powder or wet material, so that different proportion of main and auxiliary materials can be mixed evenly.

The material contact part is made of stainless steel. The clearance between the blade and the barrel is small with no dead angle.

The two ends of the mixing shaft are equipped with the sealing device, which can prevent the material from falling outside, and the hopper adopts the button to control, and the discharging is convenient.

Widely used in pharmaceutical, chemical, food and other industries.



Technical Data:

Model	Total volume(m ³)	Capacity (Kg/ batch)	Dimension(mm)	Mixing Speed (rpm)	Mixing Power (kw)	Discharge Power(kw)
SED-150CH	0.15	30	1480×1190×600	24	3	0.55
SED-200CH	0.2	40	1480×1200×600	24	4	0.55
SED-300CH	0.3	60	1820×1240×680	24	5.5	1.5
SED-500CH	0.5	120	2000×1240×720	20	11	2.2
SED-750CH	0.75	150	2300×1260×800	19	15	2.2
SED-1000CH	1.0	270	2500×1300×860	19	15	3
SED-1500CH	1.5	400	2600×1400×940	14	18.5	3
SED-2000CH	2	550	3000×1500×1160	12	22	4
SED-2500CH	2.5	630	3500×1620×1250	12	22	5.5
SED-3000CH	3	750	3800×1780×1500	10	30	5.5

SED-SZ High Speed Wet Mixing Granulator

Innovative Technology

- With consistent programmed technology (Touch screen is optional), the machine can assure the stable quality and with easy operation.
- Adopt frequency speed adjustment to control the stirring blade and cutter, easy to control the particle size.
- With the rotating shaft hermetically filled with air, it can prevent all dust from compact.
- With automatic lifting cover, the tank outlet can be connected with drying device.



Technical Data:

Item	SED-600SZ	SED-400SZ	SED-300SZ	SED-200SZ	SED-100SZ	SED-50SZ	SED-30SZ	SED-10SZ
Total Volume	600L	400L	300L	200L	100L	50L	30L	10L
Work Capacity	150-400L	100-280L	80-220L	60-150L	25-65L	12-35L	6-20L	2-6L
Feed Rate / Specific Gravity 0.5g/m ³	75-200 kg/batch	50-140 kg/batch	40-110 kg/batch	30-75 kg/batch	15-40 kg/batch	8-20kg /batch	3-10kg /batch	1-3kg /batch
Operation Time	Mix about 2 minutes to granulate for about 7-14 minutes / lots.							
Granularity	About Φ0.14-Φ0.15mm (12 mesh -100 mesh)							
Mixing Motor	30KW	22KW	18.5KW	15KW	7.5KW 6 pole	5.5KW 6 pole	3KW 6 pole	2.2KW 6 pole
Mixing Rotate Speed	25-220rpm	25-220rpm	25-220rpm	30-260rpm	30-300rpm	40-400rpm	50-500rpm	50-500rpm
Granulating Motor	11KW	7.5KW	5.5KW	4KW	3KW	1.5KW	1.1KW	0.75KW
Granulating Rotate Speed	50-3000rpm	50-3000rpm	50-3000rpm	50-3000rpm	50-3000rpm	50-3000rpm	50-3000rpm	50-3000rpm
Overall Dimension	2980×1200×2500mm	2420×1060×2150mm	2420×1060×2150mm	2180×810×1950mm	1760×600×1600mm	1750×600×1620mm	1450×530×1340mm	1280×530×1320mm
Weight	3880kg	1900kg	1800kg	1350kg	800kg	500kg	400kg	330kg

SED-GF Fluid Bed Dryer

Working Principle

Purified and heated air is introduced from the bottom through suction fan and passed through the screen plate of raw material.

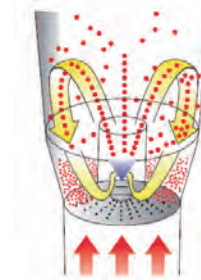
In the work chamber, the state of fluidization is formed through negative pressure. The moisture is evaporated rapidly and the raw material is dried quickly.



- **Drying:** wet powder or granules drying.



- **Top Spray:** spray binder on powder for granulation.



- **Bottom Spray:** pellet suspension coating or film coating, enteric coating.

- **Side Spray:** pellet powder coating, suspension coating or film coating, enteric coating. (aqueous or organic solvent are applicable).

PRODUCT PARAMETERS

■ Fluid Bed Dryer

Item	Unit	SED-GF Series Fluidized Dryer										SED-GFZ Series Fluidized Granulator							
		SED-100GF	SED-200GF	SED-300GF	SED-420GF	SED-500GF	SED-670GF	SED-1000GF	SED-1500GF	SED-12GFZ	SED-22GFZ	SED-45GFZ	SED-100GFZ	SED-220GFZ	SED-420GFZ	SED-670GFZ	SED-1000GFZ	SED-1500GFZ	
Model	/																		
Volume	L	100	200	300	420	500	670	1000	1500		12	22	45	100	220	420	670	1000	1500
Capacity	Kg/batch	60	100	120	150	200	300	500	100		45	6	20	45	90	160	300	450	750
Consume of steam	Kg/h	140	170	220	240	282	366	451	800		15	23	42	70	141	211	282	366	451
Amount of compressed air	m³/min	0.6	0.9	0.9	0.9	1.3	1.5	1.75	1.75		0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.5	1.5
Fan power	KW	7.5	11	15	18.5	22	30	30	75		3	4	5.5	7.5	11	18.5	22	30	45
Temperature	°C	-120°C (Controllable)										-120°C (Controllable)							
Operation time	Min	15-30										45-90							
Host Height	M	2.7	2.9	2	9	3.1	3.6	3.85	5.8		2.1	2.1	2.5	2.5	3	3.3	3.8	4	4.4

Item	Unit	SED-GFB Series Fluidized Coater					SED-GFB Series Fluidized Coater			
		SED-22GFB	SED-45GFB	SED-100GFB	SED-220GFB	SED-420GFB	SED-670GFB	SED-1000GFB	SED-1500GFB	
Model	/									
Volume	L	22	45	100	220	420	670	1000	1500	
Capacity	Kg/batch	6	20	36	72	140	240	360	550	
Consume of steam	Kg/h	23	42	70	140	211	282	366	450	
Amount of compressed air	m³/min	0.3	0.3	0.4	0.6	0.8	0.9	1.5	2.0	
Fan power	KW	2.2	4	5.5	11	18.5	22	30	45	
Temperature	°C	-120°C (Controllable)					-120°C (Controllable)			
Operation time	Min	15-30					15-30			
Host Height	M	2.1	2.3	2.5	3	3.3	3.8	4	4.4	

SED-ZS Solid Preparation Granulation Production Line

What is Granulation

Granulation is one of the most significant unit operations in the production of pharmaceutical dosage forms, mostly tablets and capsules. During the granulation process, small fine or coarse particles are converted into large agglomerates called granules. Generally, granulation commences after initial dry mixing of the necessary powder ingredients along with the active pharmaceutical ingredient (API), so that a uniform distribution of each ingredient throughout the powder mixture is achieved.

Why Granulate Pharmaceuticals?

In pharmaceutical industry, granulation is the key step to prepare any type of tablets, pellets, powder for suspension and related powder products.

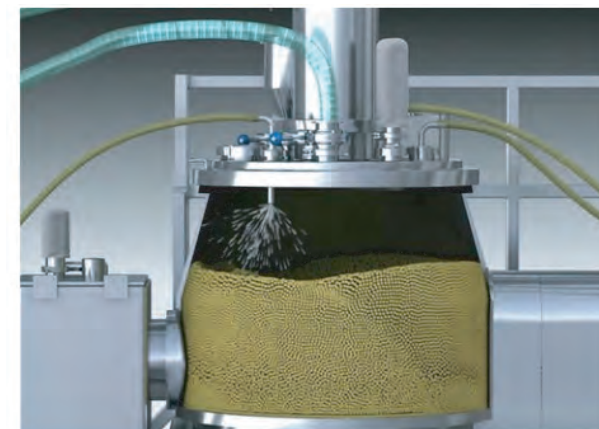
The most common reason to granulate pharmaceuticals is to prepare the material to obtain the physical properties needed to facilitate compression into a tablet. The binding agent works to hold the individual granules together so the tablet, after ejection from a tablet press die, maintains its integrity.

Other reasons are generally centered on improving the processing or handling of the powdered material.

Ungranulated material is often very dusty, creating housekeeping problems, operator exposure issues and product loss. Granulated materials flow better, improving processing speeds and yields.

Lastly, physical characteristics such as bulk density, porosity, hardness, particle size distribution, morphology and robustness can be achieved using this process.

In addition to the above, granulation can be used to combine (or mix) several ingredients, where each granule is a combination of several ingredients such as an API (active pharmaceutical ingredient), excipient, binder, disintegrant and lubricant.



Wet Granulator Process



Fluidized Dryer Process

Equipment	Model Data	SED-3ZS	SED-5ZS	SED-10ZS	SED-20ZS	SED-30ZS	SED-60ZS	SED-100ZS		SED-120ZS	SED-60ZS	SED-100ZS	SED-120ZS	SED-150ZS	SED-200ZS	SED-250ZS	SED-300ZS	SED-500ZS		
Wet Mixer	Capacity	3	5	10	20	30	60	100		120	60	100	120	150	200	250	300	500		
	Cutting power	1.1	1.5	2.2	2.2	3	5.5	5.5		7.5	5.5	5.5	7.5	11	11	15	15	30		
	Speed	0-2900									0-2900									
	Mixing power	2.2	3	4	5.5	7.5	11	15		22	11	15	18.5	22	30	37	45	75		
	Speed	0-600	0-600	0-600	0-500	0-400	0-200	0-200		0-200	0-200	0-200	0-200	0-200	0-150	0-150	0-120	0-100		
	volume	10	20	30	60	100	200	300		400	200	300	400	500	600	800	1000	1500		
	Compressed air pressure	0.4-0.6									0.4-0.6									
	Compressed air consumption	0.25	0.25	0.3	0.3	0.5	0.6	0.9		0.9	1.5	1.5	1.5	1.5	1.8	1.8	1.8	2.1		
Wet Granulator	Granulator Power	0.55	0.55	0.75	0.75	1.1	1.5	2.2		2.2	0.9	1.1	1.5	1.5	2.2	3	4	5.5		
	speed	0-1400									0-1400									
	Screen hole diameter	8-12									8-12									
Fluidized Dryer	Cylinder diameter	400	550	500	600	800	1000	1100		1200	1000	1100	1200	1300	1400	1500	1000	1800		
	Volume	20	25	40	70	100	220	360		420	220	360	420	550	670	800	1000	1500		
	Induced draft fan power	4	5.5	7.5	7.5	7.5	11	10.5		10.5	15	18.5	22	22	30	45	45	55		
	Air volume	2062	2504	2844	2844	2844	5394	5153		5153	6394	5153	7400	7400	6978	11883	11883	9988		
	Wind pressure	4447	4112	5517	5517	5517	5381	9055		9055	5381	9055	7185	7185	8184	8915	8915	10426		
	Electric heating power	6	9	15	27	36	45	54		54	36	45	63	63	72	108	135	180		
	Steam heat exchange area							45	60		60	45	60	80	80	90	120	120	200	
	Steam pressure	0.4-0.6									0.4-0.6									
	Steam consumption									211		211	140	211	211	260	282	366	381	465
	Compressed air pressure	0.4-0.6									0.4-0.6									
	Compressed air consumption	0.6	0.9		1.1	1.1	1.1	1.5		0.9	0.6	0.9	0.9	1.1	1.1	1.1	1.5	1.5		
Moisture after drying	0.5									0.5										
Dry Granulator	Granulator Power	0.55	0.55	0.75	0.75	1.1	1.5	2.2		2.2	1.1	1.5	1.5	1.5	2.2	3	4	5.5		
	Speed	0-1400									0-1400									
	Screen hole diameter	1-3									1-3									
Pneumatic Vacuum Feeder	Model	QVC-1					QVC-2	QVC-3		QVC-3	QVC-2	QVC-3	QVC-3	QVC-4	QVC-4	QVC-4	QVC-5	QVC-5		
	Compressed air pressure	0.6									0.6									
	Compressed air consumption	360					360	720		720	360	720	720	1440	1440	1440	2880	2880		
	Transport capacity(kg/h)	100-600					100-600	300-800		300-800	100-600	300-800	300-800	600-2000	600-2000	600-2000	900-3000	900-3000		

SED-ZGF Continuous Vibrating-Fluidizing Dryer

Innovative Technology

- The vibration source is the vibration motor.
- It features stable operation, convenient maintenance, low noise and long service life.
- Uniform fluid-bed, without the phenomenon of gap or blowing out. The uniform, dry and cool product can be obtained.
- Good adjustable and wide applicability. The change of thickness of material layer, moving speed and full amplitude can adopt continuous adjustment.
- Less damage to the surface of material. It can be used for drying material that is easy to broken. Irregular material particles do not affect the working effect.
- Adopt fully sealed structure, which can effectively prevent contamination between material and air. The operation environment is clean.
- High mechanical and thermal efficiency with good energy saving effect. Compared with ordinary drying equipment, it can save 30-60% energy.



Technical Data:

Model	Fluidized bed area	Inlet air temperature	Outlet air temperature	Evaporation capacity	Vibrating motor	
					Model	Power KW
SED 3x0.3ZGF	0.9	70-140	40-70	20-35	ZDS31-6	0.8x2
SED 4.5x0.3ZGF	1.35	70-140	40-70	35-50	ZDS31-6	0.8x2
SED 4.5x0.45ZGF	2.025	70-140	40-70	50-70	ZDS32-6	1.1x2
SED 4.5x0.6ZGF	2.7	70-140	40-70	70-90	ZDS32-6	1.1x2
SED 6x0.45ZGF	2.7	70-140	40-70	80-100	ZDS41-6	1.5x2
SED 6x0.6ZGF	3.6	70-140	40-70	100-130	ZDS41-6	1.5x2
SED 6x0.75 ZGF	4.5	70-140	40-70	120-140	ZDS42-6	2.2x2
SED 6x0.9ZGF	5.4	70-140	40-70	140-170	ZDS42-6	2.2x2
SED 7.5x6 ZGF	4.5	70-140	40-70	130-150	ZDS42-6	2.2x2
SED 7.5x0.75ZGF	5.625	70-140	40-70	150-180	ZDS51-6	3.0x2
SED 7.5x0.9 ZGF	6.75	70-140	40-70	160-210	ZDS51-6	3.0x2
SED 7.5x1.2 ZGF	9	70-140	40-70	200-260	ZDS51-6	3.7x2

SED-GZ Dry Granulator

Introduction

This equipment is used to make granules directly from the target material using the crystal water in the material. The finished granules can be made to tablets or capsules. It adopts the electromagnetic timing and features simple structure, stable performance, easy cleaning, and convenient maintenance.



Characteristic

- Dry powder particles with uniform density, good disintegration, high yield.
- Special feeding structure to ensure effective feeding.
- Roller cooling water circulation, to ensure that there will be no stick-to-roller phenomenon.
- Do not need water, ethanol or other wetting agent.
- Do not need second heating drying with less process, high efficiency and low cost.
- Using advanced electric hydraulic, simple and reliable operation, high degree of automation.
- Sealing operation without pollution, meet the health requirements of the drug.

Technical Data:

Model	SED-10GZ	SED-60GZ	SED-80GZ	SED-100GZ	SED-200GZ
Capacity (Kg/h)	2-10	20-60	30-80	50-100	80-200
Roll Size (mm)	200×25	200×80	200×100	200×120	250×200
Roll Max Pressure (T)	5×2	10×2	10×2	15×2	25×2
Roll Speed (rpm)	2-20 (adjustable)				
Feeding Speed (rpm)	6-60 (adjustable)				
Roll Drive Motor (Kw)	4	4	7.5	11	15
Feed Drive Motor (Kw)	0.75	1.1	2.2	2.2	3
Granule Drive Motor (Kw)	0.75	1.1	2.2	2.2	3
Oil Pump Drive Motor (Kw)	0.5	0.75	1.1	1.1	2.2
Max. working pressure of Hydraulic (Mpa)	10	20	25	30	50
Roller And Feed Speed Regulation Type	Electromagnetic speed/variable frequency speed control				

SED-SF Vibrating Sifter

Introduction

A Vibrating sifter is an accessory found in various industries and laboratories whose function is to facilitate the separation, grading and scalping of materials based on the nature of their particle sizes.

Basically, it can sieve particles which can be used as a final product or for subsequent processes.



Technical Data:

Model	SED-390SF-F	SED-580SF-F	SED-760SF-F	SED-910SF-F	SED-1120SF-F	SED-1420SF-F	SED-1720SF-F	SED-1920SF-F
Dia. of Effective screen (mm)	Φ390	Φ580	Φ760	Φ910	Φ1120	Φ1420	Φ1720	Φ1920
Effective screening area (m ²)	0.1207	0.2289	0.4183	0.6359	0.9499	1.5386	2.2687	2.7922
1-3S Motor Power (KW)	0.25	0.37	0.55	0.75	1.1	3.0	4.0	5.0
4-5SMotor Power (KW)	0.37	0.55	0.75	1.1	1.5	4.0	5.0	5.0
Layer No.	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5

SED-DW Belt Dryer

Working Principle

The materials are evenly placed on the mesh-belt by the material feeder. The mesh-belt uses generally 12-60mesh stainless wire net and it is drawn and moved inside the drier by a transmitting device.

The drier is composed of several units:

For each unit, the hot air is circulated separately. The hot air passes through the mesh-belt to the top and this will complete the transmitting of heat and mass. The process will bring water away from the material.

Some exhausted gas is discharged with a special moisture elimination blower. The waste gas is controlled through an adjusting valve.

The mesh-belt moving slowly, and the running speed can be easily adjusted according to the material temperature.

The final products after drying will fall into the material collector continuously.

The upper and lower circulating units can be freely equipped according to the user's requirements. The unit number can be also be selected according to the requirements.



Technical Data:

Model	SED-1.2-8 DW	SED-1.2-10 DW	SED-1.6-8DW	SED1.6-10DW	SED-2-8DW	SED-2-10DW
Unit number	4	5	4	5	4	5
Belt width(m)	1.2	1.2	1.6	1.6	2	2
Drying section length(m)	8	10	8	10	8	10
Thickness of the material to be covered(mm)	10-80					
Temperature(C)	60-130					
Steam pressure (Mpa)	0.2-0.8					
Steam consumption(Kg/h)	120-300	150-375	150-375	170-740	180-500	225-600
Drying time(h)	0.2-1.2	0.25-1.5	0.2-1.2	0.25-1.5	0.2-1.2	0.25-1.5
Drying efficiency (Kg, H ₂ O/h)	60-160	80-220	75-220	95-250	100-260	120-300
Total power of fan(kW)	9.9	12.1	9.9	12.1	18.2	22.2
Total power of equipment(Kw)	11.4	13.6	11.4	13.6	19.7	23.7

SED-PG High Speed Centrifugal Spray Dryer

Working Principle

After filtered and heated, the air enters into the air distributor at the top of the dryer, and spiral-shaped hot air evenly enters the drying chamber. By passing through the high-speed centrifugal spray at the top of the tower, the material liquid will be centrifuged into the extremely fine mist liquid beads and sprayed evenly to the material. Through the very short time of contacting with the heat air, the material can be dried into the finished products. The finished products will be discharged. The waste gas will be discharged from blower.

Innovative Technology

- At a high speed of drying, the surface area of the material will be increased greatly after sprayed with liquid material. In the hot-air flow, 95%-98% of water can be evaporated at a moment. The time of completing the drying needs only several seconds.
- The finished product has good uniformity, fluidity and solubility, high purity and good quality.
- The production procedures are simple and the operation and control are easy. The liquids with the moisture content of 40-60% (for special materials, the moisture contents may reach 90%) can be dried into the power or particle products once a time. After drying, there is no need to pulverize and sorting, so as to reduce the operation procedures in the production and to enhance the product purity.
- The particle size, looseness and water content can be adjusted by changing the operating conditions in a certain scope. It is very convenient to carry out the control and management.



Technical Data:

Model parameter	SED-PG					
	5	25	50	100	150	200-2000
Inlet temperature	140-350automatic control					
outlet temperature	80-90					
Maximum water evaporation	5	25	50	100	150	20-2000
Spray form	Compressed air transmission	mechanical drive				
speed	25000	18000	18000	18000	15000	8000-15000
Atomizing disk diameter	50	100	120	140	150	180-340
heat source	electric	Electricity + steam	Electricity + steam, fuel oil and gas			Solved by the user
Maximum power of electric heating	9	36	63	81	99	
Lengthxwidthxheight	1.8x0.93x2.2	3x2.7x4.26	3.7x3.2x5.1	4.6x4.2x6	5.5x4.5x7	It depends on the specific situation
Dry powder recovery	≥95					

SED-RXG Hot Air Circulation Oven

Working Principle

It is suitable for heating and dehumidification of raw materials and products in pharmaceutical, chemical, food, light industry and heavy industry. Such as raw materials, crude drugs, Chinese herbal, powders, granules, packaging bottles of large and small pills, pigments, dyes, dehydrated vegetables, food, plastic resins, electrical components, baking paint, etc.

Innovative Technology

- Most of the hot air circulates in the box, with high thermal efficiency and energy saving.
- Using forced ventilation, there is an adjustable air distribution board in the box, and the material can be evenly dried.
- Heat source can be steam, hot water, electricity, far infrared with a wide range of choices.
- It features low noise, balanced operation, automatic temperature control, convenient installation and maintenance.
- It has a wide range of applications and can dry various materials.



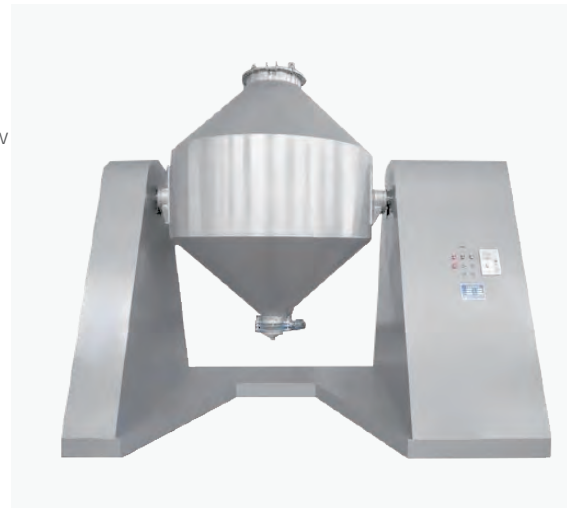
Technical Data:

Model of Industry standard	Drying amount per time	Allocated power	Steam consumption	Heat dissipation area	Air volume	Temperature difference between upper and lower parts	Equipped with baking tray	Overall dimension	Supporting drying car
SED-60 RXG	60	0.45	10	10	3450	±2	24	1480×1100×1750mm	1
SED-120 RXG	120	0.45	18	20	3450	±2	48	2300×1200×2000mm	2
SED-240 RXG	240	0.9	36	40	6900	±2	96	2300×2200×2000mm	4
SED-360 RXG	360	1.35	54	80	10350	±2	144	2300×3200×2000mm	6
SED-480 RXG	400	1.0	72	100	13800	±2	102	4460×2200×2200mm	0

SED-SZG Double Cone Vacuum Dryer (Also can be used as mixer)

Working Principle

1. Let heat source (for example, low pressure steam or heat conduct oil) pass through the sealed jacket. The heat will be transmitted to raw material to be dried through inner shell.
2. Under driving of power, the tank is rotated slowly and the raw material inside it is mixed continuously. The purpose of reinforced drying can be realized.
3. The raw material exists at the state of vacuum. The drop of steam pressure makes the moisture (solvent) at the surface of raw material become saturated and then evaporated. The solvent will be discharged through vacuum pump and recovered in time. The inner moisture (solvent) of raw material will infiltrate, evaporate and discharge continuously. These three processes are carried out unceasingly and the purpose of drying can be realized within a short time.



Innovative Technology

- When oil is used to heat, use automatic constant temperature control. It can be used for drying biology products and minerals. Its operating temperature can be adjusted within 20-160 C .
- Compared with ordinary dryer, its heat efficiency will be over 2 times.
- The heating is indirect, so the raw material will not be polluted, which complies with GMP requirements.
- It is easy for cleaning and maintenance.

Technical Data:

Item		Model											
Name	Unit	SED-100 SZG	SED-200 SZG	SED-350 SZG	SED-500 SZG	SED-750 SZG	SED-1000SZG	SED-1500SZG	SED-2000SZG	SED-3000SZG	SED-4500SZG	SED-5000SZG	
Total volume	L	100	200	350	500	750	1000	1500	2000	3000	4500	5000	
Working volume	L	≤50	≤100	≤175	≤250	≤375	≤500	≤750	≤1000	≤1500	≤2250	≤2500	
Heating area	M ²	1.16	1.5	2	2.63	3.5	4.61	5.58	7.5	9.6	13.8	15.2	
Speed	RPM	6						4	4	4			
Power	Kw	0.75	1.1	1.5	2.2	2.2	3	4	5.5	7.5	15	18.5	
Height of rotating	mm	1810	1910	2090	2195	2500	2665	2915	3055	3330	4210	4500	
Weight	Kg	550	700	900	1100	1200	1300	1500	2000	3000	4000	4200	
Design pressure of inside tank	Mpa	-0.09-0.096											
Design pressure of inside jacket	Mpa	≤0.3											

SED-YZG/FZG Vacuum Dryer

Working Principle

Vacuum drying is to put raw material under the state of vacuum for heating and drying. If using vacuum to pump air and humidity out, the drying speed will be faster.

Innovative Technology

- Under the condition of vacuum, the boiling point of raw material will decrease and make the evaporation efficiency higher. Therefore, for a certain amount of heat transfer, the conducting area of dryer can be saved.
- The heat source for evaporation may be low pressure steam or waste heat steam.
- The heat loss is less.
- Before drying, the treatment of disinfection may be carried out. During the period of drying, there is no impurity material mixed, which fully complies with GMP requirements.
- It belongs to static dryer, so the shape of raw material to be dried will not be destroyed.



Technical Data:

Name	Model	SED-4YZG	SED-6YZG	SED-8YZG	SED-5FZG	SED-8FZG	SED-12FZG
Inside size of chamber(mm)		Φ600×976	Φ1000×1572	Φ1400×2054	1500×1060×1220	1500×1220×1400	1500×1220×1600
Outer size of chamber(mm)		1135×810×1020	1693×1190×150	2386×1657×1920	1720×1513×1924	2060×1513×1924	2060×1513×2124
Layer of baking shelf		4	6	8	5	8	12
Size of baking disk(mm)		81	102	102	122	122	122
Number of baking disk		310×600×45	460×640×45	460×640×45	460×640×45	460×640×45	460×640×45
Permitted pressure inside the pipe of		4	12	32	20	32	48
baking shelf(Mpa)		≤0.784	≤0.784	≤0.784	≤0.784	≤0.784	≤0.784
Temperature inside chamber(C)		≤150	≤150	≤150	≤150	≤150	≤150
Vacuum no load inside chamber (Mpa)		-0.09-0.096					
If not sue condensate, type and power of vacuum pump(KW)		SK-1.5 4KW	SK-3 5.5KW	SK-6 11KW	SK-6 1.1KW	SK-6 1.1KW	SK-6 1.1KW
Weight of drying chamber(kg)		250	800	1000	1400	2100	2500

SED-XDG Laboratory Vacuum Freeze Dryer

Innovative Technology

- Fully automatic operation: Pre-freeze - first drying - second drying - end discrimination - automatic pressing - automatic re-pressing - automatic defrost - automatic shutdown.
- Double protection design: Due to operational errors during the operation of the machine, the safety of the machine is also protected on the basis of protecting the product.
- Standard products: products temperature ≤ -55°C; cold trap temperature ≤ -75°C; vacuum degree ≤ 1Pa.
- Modular product - Through system configuration, modular manufacturing, and more professional maintenance.
- End discriminant function - At the end of secondary drying, the program automatically enters end discrimination of the dried products, prompted to enter the next step.
- Sterile isolation design - Reliable machine with sterile isolate, user-friendly multi-site use.
- Whole process of vacuum control: Provide the vacuum degree phase variable control during drying, automated operation.
- Shelf pitch design-Available shelf spacing variable function to facilitate products with large difference in height.
- A variety of extensions - eutectic point measurement, computer remote control, and dew point measurement functions, etc.



Parameters		Unit	SED-0.2XDG	SED-0.5XDG	SED-1XDG	SED-2XDG	SED-3XDG	
Valid Area			0.2	0.5	1	2	3	
Capacity	Shelf Usable Area	m ²	0.24	0.54	1.05	2.16	3.24	
	Condenseer Capacity	Kg/B	4	10	15	35	50	
	Bottle The Quantity	Φ16mm	Bottle	900	2200	4256	9070	13608
		Φ22mm	Bottle	460	1100	2268	4680	7020
The Dish Packs The Liquid		,	4	10	15	35	50	
Basic Parameter	Shelf Size	Width	mm	300	300	350	600	600
		Length	mm	400	450	600	600	900
	Shelf Distance		mm	100			90	
	Shelf Number		Layer	2+1	4+1	5+1	6+1	6+1
	Shelf Temperature Range		°C	-55-+80				
	Shelf Difference In Temperature		°C	±1.0 (Equilibrium Time)				
	Minimym Temperature Of Cold Trap		°C	≤-75°C				
	Vacuum Leakage Degree		Pam ³ /sec	≤5×10 ⁻³				
Minimum Vacuum Degree		Pa	≤1					
The Foundation kit Supply	Cooling Type	Air-Cooled Well-Ventilated	°C	≤25				
		Water-Cooled:≤30°C, 0.15-0.2Mpa	m ³ /hr	0.3	0.6	0.9	2	4
	Installed Power		kw	3.3(Single Phase)	5(Three Phase)	8(Three Phase)	16(Three Phase)	21(Three Phase)
Torol Weight		kg	510	820	1200	2000	2300	
Dimension	Length		mm	700	900	1760	2200	2600
	Width		mm	1300	1300	920	1400	1500
	Height		mm	1700	1800	2200	2100	2400
Valid Area		Unit	0.2	0.5	1	2	3	

SED-DG Integral Type Vacuum Freeze Dryer

Innovative Technology

- Chamber is made of stainless steel which meet high standards of product processing requirements.
- Shelf refrigeration ≤ -50°C; trap refrigeration ≤ -60°C.
- Screw compressors use environmentally refrigerant R404a from well-known brand.
- Shelf has a constant temperature in the cooling and sublimation process.
- Vacuum pump with high performance valve and roots pump with oil-water separating function.
- Cold trap with high water replenishing and fast defrosting.
- Electronic signature with American electronic record of FDA CFR PART 11.



Parameters		Unit	Model						
			SED-10DG	SED-15DG	SED-20DG	SED-35DG	SED-50DG	SED-75DG	
Capacity	Shelf Usable Area	m ²	10	15	20	35	50	75	
	Condenser Capacity	Kg/B	200	300	400	700	1000	1500	
Basic parameter	Diameter Cylinder	Diameter	mm	1300	1300	2000	2000	2200	2200
		Length	mm	2230	3010	2350	3300	3650	4950
	Shelf Size	Width	mm	600	600	1000	1000	1000	1000
		Length	mm	1520	2300	1250	2200	2500	3750
	Shelf Space	mm	70						
	Shelf Number	No	11+1	11+1	16+1	16+1	20+1	200+1	
	Shelf Temperature Range	°C	-40-+90			-50-+90			
	Shelf Difference In Temperature	°C	±3						
	Min Temperature Of Cold Trap	°C	-50			-60			
	Limit Vacuum Degree	Pa	5			13			
Foundation Supply	Cooling Water Qty: ≤30°C,0.15-0.2Mpa	m ³ /hr	12	17	21	25	36	52	
	Compressed Air Consumption:0.6-1.0Mpa	l/min	0.45						
	Vacuum Defrost Water	m ³ /b	0.035	0.053	0.071	0.125	0.178	0.267	
	Water Consumption For Deicing≈50°C,0.1-0.2Mpa	m ³ /hr	0.5	0.7	1	1.6	2.3	3.5	
	Installed Power:400V, 3P5W 50Hz(±5%)	kw	40	50	70	120	140	160	
Dimension	Length	mm	2300	3100	2400	3300	3700	5000	
	Width	mm	2000	2000	2700	3000	3400	3400	
	Height	mm	2000	2000	2500	2500	2500	2500	
Valid Area		Unit	10	15	20	35	50	75	

SED-SDG Split Type Vacuum Freeze Dryer



Parameters	Unit	Model							
		SED-50SDG	SED-75SDG	SED-100SDG	SED-125SDG	SED-150SDG	SED-200SDG		
Capacity	Shelf Usable Area	m ²	54.4	75.7	100.9	126.1	150.3	204.3	
	Condenser Capacity	Kg/B	1000	1500	2000	2500	3000	4000	
Basic Parameter	Cylinder	Diameter	mm	2200	2200	2200	2600	2600	2600
		Length	mm	7570	9770	11620	13000	13580	16100
	Shelf Size	Width	mm	540	540	540	540	580	580
		Length	mm	3290	4880	6680	5410	7120	9720
	Tray Size	Width	mm	774	774	774	774	850	774
		Length	mm	510	510	510	510	550	550
	The Plate Size	No	64×2	64×3	64×4	80×4	80×4	80×6	
	Shelf Size	mm	76						
	Shelf Number	No	17×2	17×2	17×2	21×2	21×2	21×2	
	Shelf Temperature Range	°C	Normal Temperature-120°C						
	Shelf Difference In Temperature	°C	≤±3°C						
	Min Temperature Of Cold Trap	°C	≤60°C						
Limir Vacuum Degree	Pa	13.3Pa							
Foundation Supply	Cooling Water Qty:≤3°C, 0.15-0.2Mpa	m ³ /hr	34+6	45+8	52+10	82+12	90+15	106+20	
	Steam Consumption For De-icing:0.2-0.3Mpa	kg/hr	200	280	400	480	590	780	
	Compressed Air Consumption:0.6-1.0Mpa	l/min	0.45						
	Vacuum Defrost Water	m ³ /b	0.18	0.27	0.36	0.45	0.53	0.71	
	Installed Power:400V, 3P5W 50Hz(±5%)	kw	75+12	100+19	160+23	195+30	270+36	315+45	
Dimension	Length	mm	7600	9800	12000	13000	13600	16100	
	Width	mm	9100	7000	4700	5000	5000	6000	
	Height	mm	5000	5000	5000	5500	5500	5500	
Valid Area	Unit	50	75	100	120	150	200		

SED-FDG Pharmaceutical Vacuum Freeze Dryer

Working Principle

Adopt the mobile pre-vacuum steam sterilization way with Fo value display and record.
 It has the complete safe connection and interlock function.
 Chamber has the cooling function.
 The steam valve in the steam entrance of the total tube is controlled by pneumatic, and the safety valve is installed Above design pressure which can release automatically.
 The protection device from pressure and temperature is installed on chamber.
 When the temperature is above the settings, total import steam valve will be closed, and open exhaust valve.
 It ensure the system work security under the double protection device.



Parameters		Unit	SED-FDG(CIP+SIP)													
Model			SED-1FDG	SED-2FDG	SED-3FDG	SED-5FDG	SED-7.5FDG	SED-10FDG	SED-13FDG	SED-15FDG	SED-20FDG	SED-25FDG	SED-30FDG	SED-40FDG	SED-50FDG	
Valid Area		m ²	1	2	3	5	7.5	10	13	15	20	25	30	40	50	
Capacity	Shelf Usable Area	m ²	1.08	2.16	3.24	4.86	7.56	9.72	12.96	16.1	19.67	25.0	31.5	42	51.0	
	Condenser Capacity	Kg/B	20	40	60	100	150	200	260	320	400	500	600	800	1000	
	Bottle The Quantity	Φ16 mm	bottle	4100	8200	12300	18450	38950	38950	51250	65600	83160	102500	118900	164000	205000
		Φ22 mm	bottle	2100	4200	6300	9450	19950	19950	26250	33600	42900	52500	60900	84000	105000
Shelf Number		l	20	40	60	100	150	200	260	300	400	500	600	800	1000	
Shelf Size	Φ16 mm	mm	450	600	600	900	900	900	1200	1200	1200	1200	1490	1490	1490	
	Φ22 mm	mm	600	900	900	900	1200	900	1200	1200	1200	1200	1490	1490	1490	
Shelf Distance		mm	100													
Shelf Number		layer	4+1	4+1	6+1	6+1	7+1	9+1	9+1	9+1	11+1	14+1	14+1	14+1	17+1	
Shelf Temperature Range		°C	-50~+80													
Shelf Difference In Temperature		°C	±1.0 (Equilibrium Time)													
Temperature Of Cold Trap		°C	≤-75°C													
Minimum Vacuum Degree		Pa	≤1													
Cooling Water Qty		m ³ /hr	3.2	4.2	4.5	11	16	18	20	20	20	30	38	50	50	
Cleaning Water Consumption		l/min	100	100	100	100	100	100	100	100	100	500	200	200	200	
Pure Steam Consumption		kg/hr	20	40	60	100	150	200	260	300	400	1200	550	600	650	
Steam Consumption For De-icing		kg/hr	5	10	15	25	40	50	65	75	100	1200	150	200	250	
Compressed Air Consumption		m ³ /min	0.1													
Water Consumption For Deicing		kg/B														
Installed Power		kw	9	12	21	24	44	58	67	75	104	125	134	174	210	
Total weight		t	1.9	2.3	2.8	4.2	6	8.6	9	12	18	20	25	28	35	
Dimension	Length	mm	3230	3640	4600	4930	5460	5440	5680	6000	6950	7160	7700	8220	8490	
	Width	mm	1500	1620	2020	2020	2016	2316	2316	2316	2316	2316	2716	2716	2716	
	Height	mm	2550	2550	2800	3100	3200	3420	3450	3450	4100	4250	4310	4350	4960	
Valid Area		Unit	1	2	3	5	7.5	10	13	15	20	25	30	40	50	
The height of equipment with the protective sleeve of the corrugated pipe will increase 200mm-30																

SED-DY Single Punch Tablet Press

Working Principle

The machine has good performance, easy to operate and easy to move. This machine can press all kinds of granular, crystalline or powdery raw materials with good fluidity into disc, cylindrical, spherical, convex, concave and other products of various geometric shapes (such as square, triangle, ellipse, capsule shape, etc.), and can also press products with words, trademarks, patterns. It is suitable for small batch production and teaching use in scientific research and experiments. The filling depth and pressing thickness of the material can be adjusted (adjusted according to weight, thickness and hardness of the product).



SED-1.5DY

SED-3DY

SED-5DY

SED-6DY

Technical Data:

Model	SED-1.5DY	SED-3DY	SED-4DY	SED-5DY	SED-6DY
Max.Pressure(Kn)	15	30	40	50	60
Max.Dia.of Tablet(mm)	12	15	30	16	20
Max.Depth of Fill(Kn)	12	18	22	15	18
Max.Thickness of Tablet(mm)	6	6	6	6	7
Production Capacity(pcs/h)	12	4000	3600	5000	4000
Power of Motor (Kw)	/	0.75	0.75	0.75	1.5
Overall Size(mm)	330x220x520	450x300x550	850x550x890	650x330x600	500x410x680
Net Weight(kg)	21	50	200	125	85

SED-Y Automatic Tablet Pressing Machine

Working Principle

This machine can continuously and automatically press granular raw materials into tablets. It is mainly used in pharmaceutical, chemical, food, plastics powder, metallurgy and electronic industries.

Innovative Technology

- The outside part of the machine is fully-enclosed, and it is made of stainless steel, which meets the GMP requirements.
- It has transparent windows so that press condition can be observed clearly and the window can be opened for easy cleaning and maintenance.
- The machine can press round tablets and other different shaped tablets, double-layered and annular tablets, the tablets may have impressed letters on both sides.
- All the controller and devices are included in the system to avoid damage to the punches and apparatus, when overload occurs.
- The machine's worm gear drive adopts fully-enclosed oil-immersed lubrication with long service-life, preventing cross pollution..



Model	SED-130					SED-168					SED-198			SED-226						
Product No.	5Y	7Y	9Y	10Y	12Y	10Y	12Y	15Y	16Y		8Y	10Y	16Y	11Y	15Y	17Y	19Y	21Y	30Y	
Quantity Of Punch &Die(Sat)	5	7	9	10	12	10	12	15	16		8	10	16	11	15	17	19	21	30	
Max.Pressure(kn)	40					50					60			100	80	60				
Max.Dia.Of Tablet(mm)	13					22	12				25	18	12	11	40	25	20	12	10	
Max.Thickness Of Tablet(mm)	6					6					8			6-12			6			
Max.Depth Of Filling(mm)	15					15					16			15-28			15			
Rotate Speed (r/min)	32					38					40			20	30					
Production Capcity(pc/h)	9600	13440	17280	19200	23040	24000	28800	36000	38400		9600	12000	19200	13200	27000	30600	34200	19000	72000	
Voltage(v/hz)	220/380					AC220/50-AC380/50					380			380						
Motor Power(kw)	1.5					2.2					2.2			5.5	4	3				
Overall Size(mm)	640X480X1110					640X480X1200					710X700X1680			794X699X1132					794X699X1132	
Weight(kg)	260					380					860			550					550	

PRODUCT PARAMETERS

Automatic Tablet Pressing Machine

Model	SED-420									SED-420								SED-680					
Product No.	15Y	17Y	19Y	21Y	23Y	25Y	27Y		29Y	31Y	35Y	37Y	39Y	41Y	45Y	55Y	73Y	65Y	51Y	35Y	27Y	45Y	
Quantity Of Punch &Die(Sat)	15	17	19	21	23	25	27		29	31	35	37	39	41	45	55	73	65	51	35	27	45	
Max.Pressure(kn)	120			100					100			80					80	80	100	120		80	
Max.Dia.of Tablet(mm)	50	40	33	25	22		20	13			10	8	10	11	12	20	40-36	45	20				
Max.Thickness Of Tablet(mm)	15	12	8	2-15				2-15			6					6	8-14				18		
Max.Depth Of Filling(mm)	32	28	22	16-28				16-28			6					15	18-33				18		
Rotate Speed (r/min)	3-10	3-24			3-35				3-35					35	30	25	20	18	25				
Production Capcity(pc/h)	9000	24480	27380	30240	55200	60000	81000		87500	111600	147500	155400	163800	172200	189000	231000	262800	234000	153000	84000	58320	13500	
Voltage(v/hz)	380/50									380/50								380/35					
Motor Power(kw)	4	5.5			4				4					7.5		11	15	7.5					
Overall Size(mm)	1240X980X1650									1240X980X1650								115X115X190					
Weight(kg)	1850									1850								3500	3800	4000		3800	

SED-HY Flower Basket Type Tablet Pressing Machine

Working Principle

The machine is a flower basket type continuous automatic tablet press. It is one of the fundamental equipment for pressing granular raw materials into tablets in such industries as pharmaceutical, chemical, food and electronics industries. It is suitable for pressing medicine tablets, coffee tablets, powder metallurgy, electronic parts and all kinds of fertilizer and pesticide tablets in small batch production, laboratories, hospitals and other sectors.

It can be used to make various special-shaped and ring-shaped tablets, as well as tablets with trademarks, words and simple images carved on both sides.

Because of its high pressure and high strength, it is especially suitable for pressing powder tablets that is difficult to form, such as ceramic powder, metal powder, etc.



Model	SED-15HY-D	SED-30HY-D	SED-30HY-B	SED-60HY-B
Working Pressure(T)	15	30	30T	60T
Upper Punch Max. Travel(mm)	100	110	110mm	110mm
Loading Height(mm)	60	60	6-30mm	60mm
Lower Mold diameter(mm)	115	50	6-80mm	100mm
Production Capacity (times/min)	20-25	20	20	20
Product Error	±0.05	±0.05	±0.1	±0.05
Motor Power(W)	4000	4000	4kw	5.5kw
Overall Size(mm)	900x800x2100	1000x900x2500	900x1000x2200	900x1000x2600
Weight(kg)	800	2.3T	1.8T	2.4T

SED-GY High Speed Tablet Pressing Machine

Working Principle

This machine can press tablets with different colors, annular tablets, round tablets, engraved tablets and irregular tablets, which complies with GMP requirements. It is suitable for pharmaceutical factory, food and chemical industries. Tablets are formed twice with main pressing and pre-pressing.

Frequency conversion adjustment of the main motor and feeding motor, continuous adjustable speed, and upper and lower limit control function of tablet weight, starting with load reduction.

With the main pressure average value display, automatic fault display function, and automatic shutdown, alarm and help menu.

Innovative Technology

- Central automatic lubrication system.
- Touch screen + PLC control.
- Automatic compensation of powder.
- Monitoring pressure of each punches and displays the pressure on the touch screen.
- There are two chutes for qualified tablets and defective tablets respectively. Defective tablets can be rejected from one chute.



PRODUCT PARAMETERS

Model	SED-265			SED-370			
Product No.	16GY	23GY	30GY	26GY	32GY	40GY	50GY
No.of Stations	16	23	30	26	32	40	50
Tooling Type	D	B	BB	D	B	BB	TF16
Output Range (tablet s/h)	21000-105000	30000-151000	39000-198000	20000-171600	25000-211200	31000-264000	38000-325000
Rotation Speed Range(rpm)	22-110rpm			13-110rpm			
Main Pressure	100KN			100KN			
Pre-Pressure	14KN			16KN			
Max Tablet Diameter	Φ25mm	Φ16mm	Φ13mm	20mm	16mm		
Max length Of Irregular Tablet	25mm	19mm	16mm	1-8mm			
Diameter Of Die	Φ38.1mm	Φ30.16mm	Φ24mm	Φ25mm	Φ16mm	Φ13mm	Φ10mm
Max Filling Depth	20mm			<25mm	<19mm	<16mm	<11mm
Diameter Of Punch	Φ25.35mm	Φ19mm		Φ38.1mm	Φ30.16mm	Φ24mm	Φ19mm
Length Of Punch	133.6mm			Φ25.35mm	Φ19mm		Φ16mm
Pitch Circle Diameter	265mm			133.6mm			
Main Motor Power	5.5KW			7.5KW			
Weight	1200kg			1600kg			
Dimension	700X1000X1750mm			820x1100x1750mm			

Model	SED-561					SED-620			SED-720				
Product No.	41GY	51GY	61GY	77GY		45GY	55GY	65GY	51GY	65GY	73GY	83GY	99GY
No.of Stations	41	51	61	77		45	55	65	51	65	73	83	99
Tooling Type	D	B	BB	TF-16					D	B	BB	BBS	TF-16
Output Range (tablet s/h)	22140-221400	27540-275400	32940-329400	42660-426600		40	49	58	47000-470000	62400-624000	70000-700000	79600-796000	95000-950000
Rotation Speed Range(rpm)	9-90								8-80rpm				
Main Pressure	100KN			25KN		100KN			100KN				
Pre-Pressure	100KN			25KN		16KN			100KN				
Max Tablet Diameter	25mm	16mm	13mm	10mm		25mm	16mm	13mm	Φ25mm	Φ16mm	Φ13mm	10mm	
Max length Of Irregular Tablet	25mm	19mm	16mm	11mm		1-8mm			25mm	19mm	16mm	11mm	
Max Filling Depth	first layer:19mm second layer:6-8		first layer:15mm second layer:6-8			20mm	16mm		20mm	18mm			
Main Motor Power	11KW					11KW			11KW				
Weight	4000kg					3300kg			5500kg				
Dimension	1180x1180x20235mm Cabinet:890x510x1200mm					1400x1500x1900			1300x1300x2000mm Cabinet:890x500x1200mm				

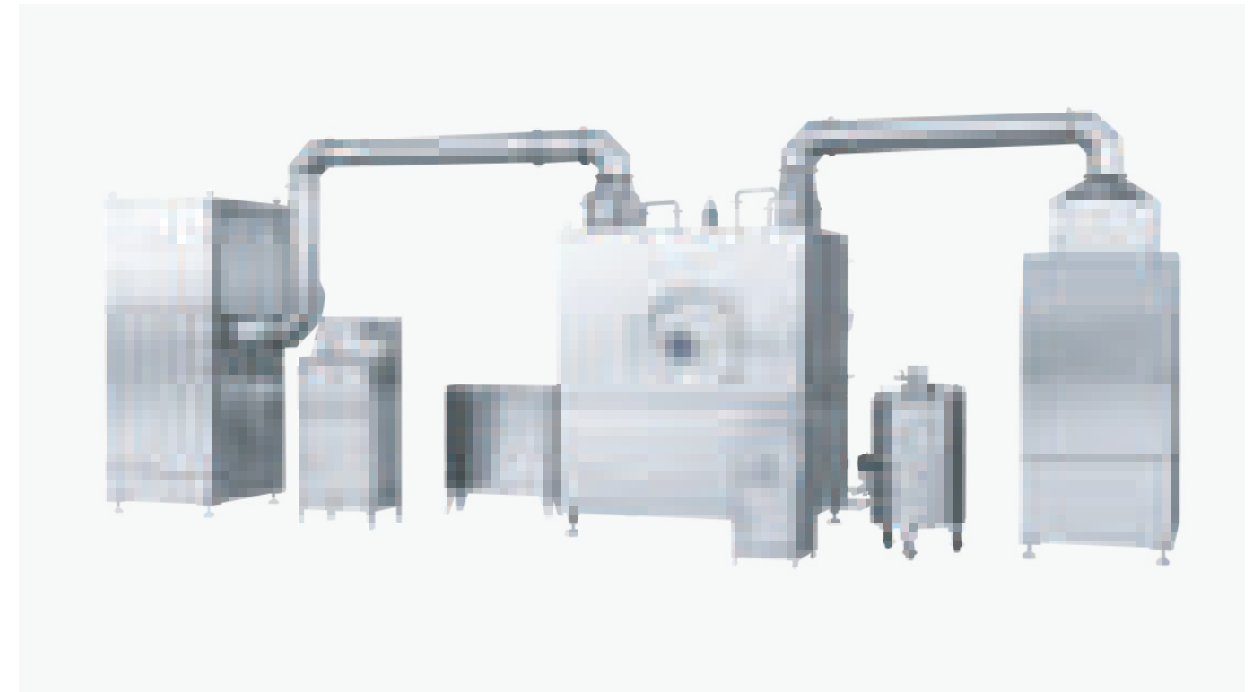
SED-GB High Efficiency Tablet Coating Machine

Working Principle

Coating machine is used for coating tablets, pills and candies, such as organic film coating, water soluble coating, sugar coating, chocolate coating, etc., which is widely used in pharmaceutical and food industries.

Innovative Technology

- It adopts PLC control and HMI, which can make flexible programming and meet various pharmaceutical process requirements.
- Under the action of the streamlined diversion plate mixer, the tablets or pills turn smoothly and exchange frequently, avoiding the tablets or pills dropping from high positions and eliminating the colliding, highly enhanced the qualified rate.
- It adopts the new type spray gun, which features even atomizing, large spraying area, adjustable direction. The nozzle won't be affected by the loading volume.
- The technical parameters with quantitative display and control, can formulate SOP operation to ensure the quality consistency of each batch, fully meeting GMP requirements.



Technical Data:

Item Model		SED-5GB	SED-10GB	SED-40GB	SED-80GB	SED-150GB	SED-250GB	SED-400GB	SED-600GB	
Maximum Capacity		5	10	40	80	150	250	400	600	
Roller Speed Adjustment Range		2-25		2-20	2-20	2-18	2-15		2-12	
Main Machine Outline Dimensions(LXWxH)		900x800x1700	900x840x1800	1080x900x2000	1210x1000x2100	1600x1260x2300	2000x1550x2550	2050x1680x2650	2400x2020x2650	
Coating Roller Diameter		Φ400	Φ580	Φ820	Φ940	Φ1200	Φ1500	Φ1580		
Main Machine Moter Power		0.55		1.1	1.5	2.2	3	4	5.5	
Hot Air Cabinet Motor Power		0.37		0.75	1.1	1.5	3		5.5	
Exhaust Cabinet Moter Power		0.75		2.2	3.0	5.5	7.5		11	
Exhaust Cabinet Air Supply Volume		800	900	2500	2700	3600	4200	5000	6500	
Hot Air Temperature Control Range		<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		>0.50	>0.80		>1.20
	Compressed Air Consumption	0.2		0.3	0.4	0.6	0.8	1.2		
Steam	Steam Pressure	>0.6			>0.6				>1	
	Steam Consumption			40	60	80	110	130	220	
	Steam Pipe Diameter	G1"			G1"			G1.2"		G2"
Heat Insulation Barrel Electric Heating Power				1KW	2KW		4KW		6KW	

ACCESSORY EQUIPMENT

■ For Tablet Coater



FILTERING HOT AIR CABINET

The air is introduced in by the centrifugal fan. 100,00-grade purification is achieved after primary, medium and high filtration. Then through the heat exchanger (steam or electric heating), the air is blown into the main cabinet. It is also provided with vibration absorber. The initial air filtering unit is additionally mounted at the air intake.



DUST REMOVAL EXHAUST CABINET

It is used for exhaust of main machine roller (with dustremoval) and can maintain negative pressure, dust removal and filtration at the work area. It is equipped with vibration absorber. The exhaust outlet is provided with backflow preventer. Close the exhaust outlet before stopping the machine to avoid backflow of exhaust gas in the exhaust pipe, and it is provided with the automatically timed vibration and dust removal function.



MIXING HEAT INSULATION BARREL (ELECTRIC HEATING)

The constant temperature mixing barrel adopts electric heating. It is provided with air mixer. With stable rotation speed and stepless speed control, it adopts compressed air as the power. The media are mixed evenly. Automatic control is available within the range of room temperature ~ 80°C. With convenient operation and good safety and reliability, it is fully made of stainless steel. The interior and exterior surfaces are subject to mirror polishing.

SED-JB Simple Tablet Coating Machine

Working Principle

Tablet Coating Machine applied a thin layer of material to the external surface of a tablet. The tablets are placed in a rotating pan and then sprayed for even coating. And air is introduced to the pan to help the coating dry rapidly. The material contact part is made of 304 stainless steel, which complies with GMP requirements.



Technical Data:

Model	Coating pan diameter(mm)	Capacity (kg/batch)	Main motor power(w)	Blower motor power(w)	Spray gun	Dimension (mm)	Heating total power (kw)	Weight (kg)	Speed regulating range of main engine (r/min)
SED-200JB	200	0.5	0.37	60	RA-CI According to customer requirements	790×570×960	1.5	70	0-60
SED-300JB	300	1.3	0.37	60		790×570×960	1.5	70	0-60
SED-400JB	400	2-5	0.37	60		790×570×960	1.5	70	0-46
SED-600JB	600	8-15	0.75	100		1040×680×1300	2	160	0-40
SED-800JB	800	30-50	1.1	200		1000×1000×1550	4	300	0-32
SED-1000JB	1000	50-70	1.5	200		1200×1200×1600	4	350	0-32
SED-1250JB	1250	80-150	2.2	370		1350×1350×1600	6	500	0-28
SED-1500JB	1500	100-350	5.5	370		1500×1760×2220	6	900	0-20

SED-SP Tablet Deduster

Working principle

This machine is an automatic continuous working screen machine, which can be used with various types of the pressed tablets.

The function is to screen the powder or excess particles absorbed on the surface of the tablet after forming.



Technical Data:

Name	Tablet Deduster	Uphill Deduster	Rotary Deduster
Type	SED-SP-1	SED-SP-2	SED-SP-3
Output	600000tablets / h (φ6mm)	1000000tablets / h (φ6mm)	600000tablets / h (φ6mm)
Removal Distance(m)	3	6.2	3
Applicable	φ3-φ25	φ3-φ25	φ3-φ25
Compressed Air	0.1m ³ /min 0.05Mpa	0.1m ³ /min 0.05Mpa	0.1m ³ /min 0.05Mpa
Vacuum	2.7m ³ /min 0.1Mpa	2.7m ³ /min 0.1Mpa	2.7m ³ /min 0.1Mpa
Power Supply	220V/50HZ/0.1KW	220V/50HZ/0.15KW	220V/50HZ/0.1KW
Net Dimensions(mm)	800*450*600	500*500*1400	800*450*800
Weight(kg)	45	80	40

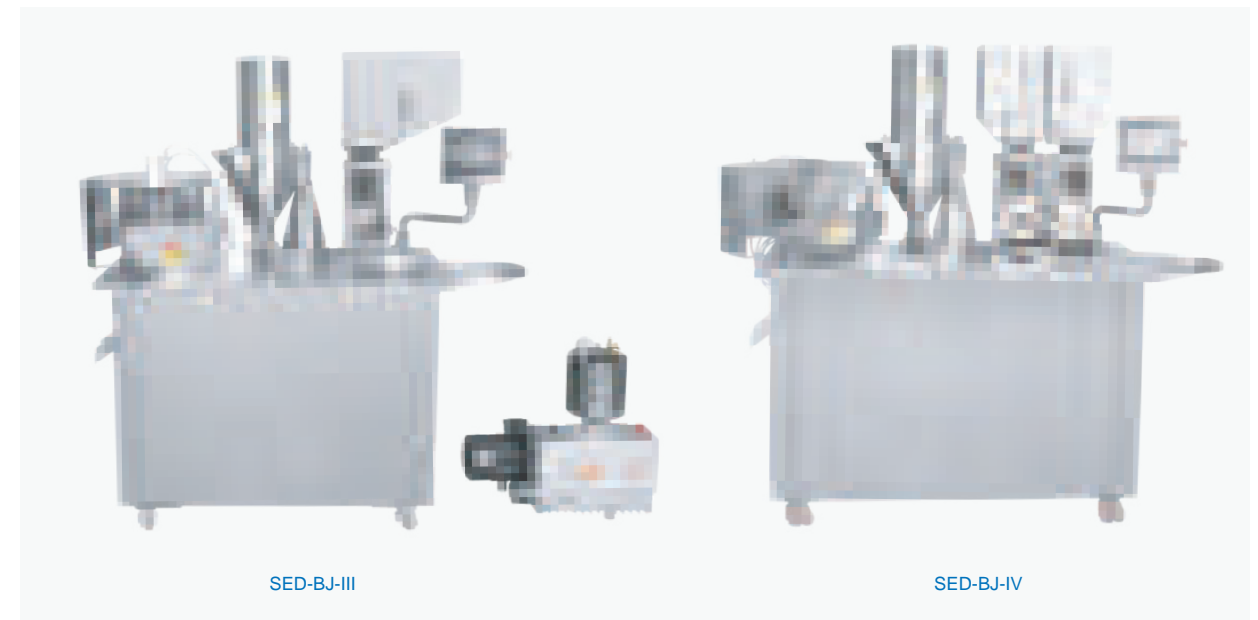
SED-BJ Semi-Automatic Capsule Filling Machine

Innovative Technology

The product is special capsule filling machine which is suitable for medium and small pharmaceutical factory, hospital preparation lab, etc. The machine adopts PLC, stepless speed regulation, and electronic automatic counter. And it automatically completes capsule sowing, separating, filling, locking, etc.

The dosage is accurate, and the operation is convenient.

The overall machine is made of stainless steel, and it is suitable for capsule filling of powder and granules.



Technical Data:

Model	SED-BJ-III	SED-BJ-IV
Capacity	12500-25000pcs/h	30000-60000PCS/H
Capsule Size	00#-5# & Safety Capsule A-E	
Filling Agent Type	Powder, particle, pellet	
Power Supply	380V/220V 1P/3P 2.1KW	
Vacuum Pump	40m ³ /h	80m ³ /h
Dimension	1140*700*1630mm(L*W*H)	1300*700*1650mm(L*W*H)
Weight	350KG	400kg

SED-J Automatic Capsule Filling Machine

Working Principle

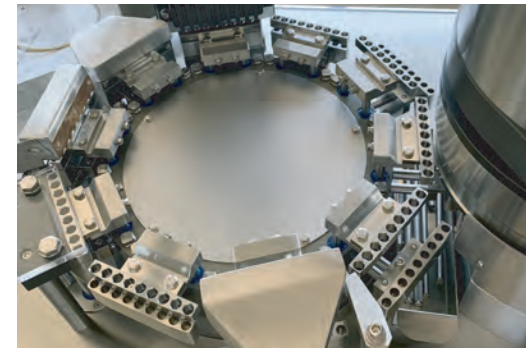
This machine is commonly used in the pharmaceutical, nutraceutical industries to fill empty hard gelatin capsule of various sizes with powders and pellets (optional). The capsule filler automatically orientates, opens the empty hard gelatin capsule, properly fills the capsule with powder, and automatically closes the capsules.

Innovative Technology

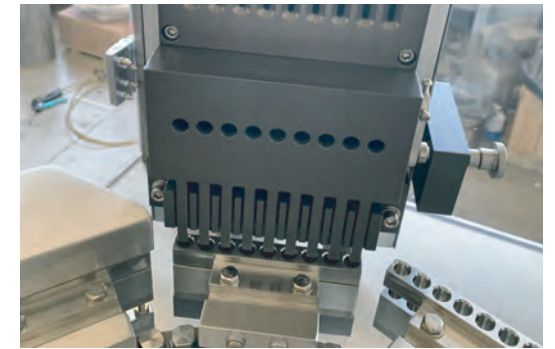
- Structure of the machine base has been improved.
- Turntable structure has been innovated.
- Filling structure has been innovated.
- Finished capsule outlet structure has been innovated.
- Defective capsule rejecting mechanism has been innovated.



SED-200/400J



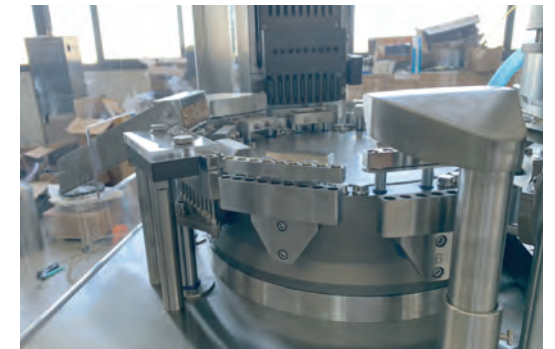
Enclosed Turntable



Capsule Sewing Station



Powder Filling Station

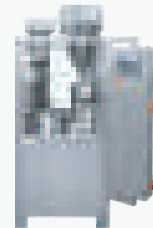


Capsule Locking Station

AUTOMATIC CAPSULE FILLING MACHINE



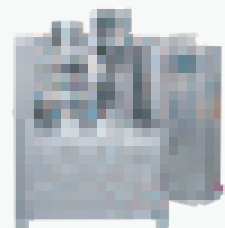
SED-800J



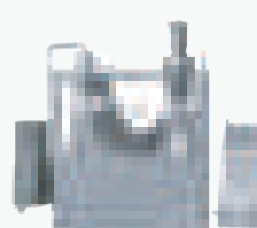
SED-1200J



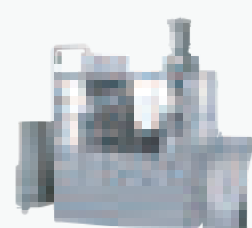
SED-2500J



SED-3800J



SED-5500J



SED-7800J

Technical Data:

Model	SED-200J	SED-400J	SED-800J	SED-1200J	SED-2500J	SED-3800J	SED-5500J	SED-7800J
Capacity (pcs/hour)	12000	24000	48000	72000	150000	228000	330000	468000
Die Hole Number(pcs)	2	3	6	9	18	27	43	58
Application	00#-4# capsule						00,0,1,2,3,4,5#, safety capsules A-E	
Total Power(kw)	3.75		5.57		6.97	9.37	11	14
Power Supply	380V 50Hz 3P					380V 50Hz		
Qualified Rate	≥99.5%							
Filling Accuracy	±3% - ±4%						Western Medicine ±3% Chinese Medicine ±4%	
Filling Material	Powder, Granules						Powder, Granules, Pellet, Tablet	
Noise	≤78DB(A)			≤75DB(A)			<75DB(A)	
Weight(kgs)	600	900		1300	2400	3000	3500	
Overall Dimension(mm)	800×970×1870		1020×860×1970		1200×1050×2100	1850×1470×2080	1500×1250×2200	1450×1920×2400

SED-JPG Capsule Polishing Machine

Working Principle

This is a special equipment for pharmaceuticals, which can polish and clean the powder attached to capsules, and the polished capsules are brighter, clean and beautiful. It has a closed conveying structure. The parts in contact with the medicine are made of non-toxic and corrosion-resistant materials, which meet GMP requirements. It features simple structure, long service life, convenient operation and maintenance, good polishing performance, high efficiency, etc.



Technical Data:

Model	SED-JPG-1	SED-JPG-2	SED-JPG-3
Power Supply	220V 50HZ	220V 50HZ	220V 50HZ
Power	280W	0.65KW	0.65KW
Air Pressure	/	≥0.3Mpa	≥0.3Mpa
Air Consumption	/	2.7L/min	/
Production Capacity	7000 Pcs/min	200000 Pcs/h	300000 Pcs/h
Weight	45kg	70kg	75Kg
Dimensions	1150×400×1000mm	800x550x800mm	740x510x1500mm

SED-YZJ Tablet And Soft Capsule Printer

Working Principle

This machine is suitable for printing of tablets and capsules with any size or shape. It can be used for axial printing on hollow capsules or capsules filled with powder, round, oblong, triangular, hexagonal or sugar-coated tablets.

Innovative Technology

- Fully enclosed design, fully compliant with GMP requirements.
- Fully automatic vibrating feeder for filling (with powder layer recovery function) to improve filling rate and qualified rate of finished product.
- With its own alcohol pot and automatic ink dilution function.
- Ink scraper and printing device are pneumatic layout to save operation time and improve printing efficiency



Technical Data:

Model		SED-400YZJ	SED-400YZJ1	SED-800YZJ	SED-1000YZJ
Suitable size	Tablet	Φ10~Φ12mm	Φ5~Φ12mm	Φ10~Φ12mm	Φ10~Φ12mm
	Hard Capsule	0#-4#	00#-5#	0#-4#	0#-4#
	Soft Capsule	5--20mm	3.3-35mm	5--20mm	5--20mm
Capacity		30000-85000pcs/h	35400-60000pcs/h	45000-100000pcs/h	100,000pcs/h
Compressed Air		40Pa	40Pa	40Pa	40Pa
Motor Power		0.25KW	0.25KW	0.37KW	0.75KW
Power Supply		220V 50HZ	220V 50HZ	220V 50HZ	220V 50HZ
Dimensions		1000x760x1540mm	610x910x640mm	1000×800×1960mm	2000x415x1400mm
Weight		230KG	230KG	230KG	230KG

SED-ZP Bottle Turntable

Working Principle

This turntable can work as bottle feeder or collector, which is very suitable for automatic separation and transmission of bottles. It is compatible with various shaped plastic and glass bottle in pharmaceutical, chemical, food and beverage industries, which can be matched with different automatic packaging production lines.

Feeding Type:

The motor drives the turntable to rotate, and the bottles on turntable are arranged neatly and automatically by the bottle ordering device, and then enter the conveyor belt of operator's production line.

Collecting Type:

The motor drives the turntable to rotate, when turntable receives bottles from previous stage, the turning plate automatically brings bottles together into the middle of plate to collect finished product.



Technical Data:

Model	SED-650ZP	SED-900ZP	SED-1200ZP
Suitable Bottle	Plastic and glass bottles of various shapes		
Capacity	20-100bottles/min	30-120bottles/min	20-150bottles/min
TableDiameter	650mm	900mm	1200mm
Powersupply	220V/50HZ 0.15KW	220V/50HZ 0.2KW	220V/50HZ 0.25KW
Dimension	650x650x1040mm	900x900x1040mm	1200x1200x1040mm
Weight	80KG	120KG	150KG

SED-LP Bottle Unscrambler

Working Principle

Bottle unscrambler is very suitable for round plastic bottles, which can unscramble and orient bottles automatically at high speeds eliminating the expensive, inefficient manual labor of this process. It features a space efficient footprint, simple setup and operation, and flexibility in terms of container types and sizes.

Bottle unscrambler receives the bottles in random positions. The bottles are sorted and oriented by disc sorter, and placed in an upright position and stabilized for exit to user's conveyor, ready for the next process in production line.



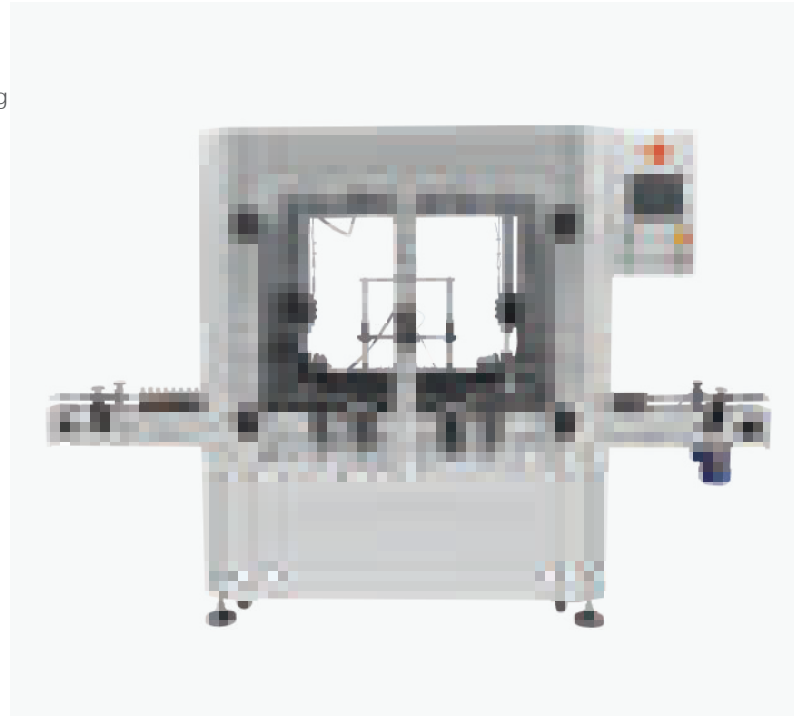
Technical Data:

Model	SED-80LP	SED-120LP	SED-150LP
Suitable Bottle	Round plastic bottles	Various shapes of plastic bottles	
Capacity	30-100bottles/min	60-200bottles/min	10-150bottles/min
Suitable Bottle Volume	50-300ml	15-500ml	15-500ml
PowerSupply	220V/50HZ 0.25KW	220V/50HZ 1KW	220V/50HZ 0.6KW
Dimension	1350X1000X1270mm	2200x1350x1900mm	2400x1050x1450mm
Weight	230KG	650KG	630KG

SED-QX Series Bottle Air Cleaning Machine

Innovative Technology

- With high efficiency and stable washing effect. The machine won't make washing if there is no bottle coming.
- The bottle flushing speed can be controlled freely, and the current production speed can be displayed digitally.
- The turnover manipulator has the advantages of accurate bottle grasping positioning and free turnover. The blowing valve has the advantages of good sealing performance and long service life.
- The manipulator is made of stainless steel, the bottle turning and bottle placing are stable and free.



Technical Data:

Model	SED-10QX	SED-20QX	SED-30QX	SED-40QX
Application	Plastic round bottles			
Capacity	30-40bottles/min	60-80bottles/min	100-120bottles/min	130-150bottles/min
Power supply	220V 50HZ 1.5KW	220V 50HZ 1.5KW	380V 50HZ 1.1KW	220V/380V 50HZ 3.0KW
Air consumption	0.6Mpa 3L/min	0.6Mpa 3L/min	0.6Mpa 3L/min	0.6Mpa 15m³/h
Dimension	2000×1000×1600mm	2000×1000×1600mm	2400×1200×1800mm	2400×1200×1800mm
Weight	450KG	550KG	600KG	700KG

SED-BS Series Semi-Automatic Capsule Counting Machine

Working Principle

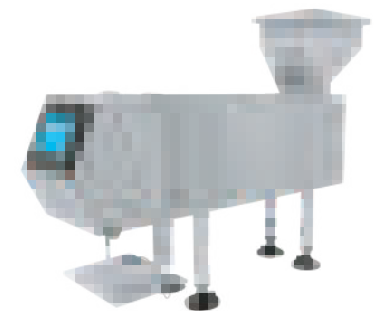
It can be widely used in the fast counting bottling for a variety of different shapes and sizes of tablets, capsules, pills, transparent soft capsules and other drugs. After the hopper is filled with the product to be counted, bottle or other container is placed at the bottling position manually. Then the product falls into the counting device in an orderly manner through the vibratory plates, and is counted by the photoelectric counting sensor and then loaded into the bottle or other container. Filled bottles are taken away manually, and new empty bottles are put on for filling.



SED-2BS



SED-4BS



SED-6BS

Technical Data:

Model	SED-2BS	SED-4BS	SED-6BS
Application	Hard capsules, soft capsules, tablets, pills, etc.		
Capacity	800-2000pcs/min	2000-3500pcs/min	10-30 bottles/min
Discharge Head No.	2	4	1
Power Supply	220V 50/60HZ 0.1KW	220V 50/60HZ 0.15KW	220V 50HZ 0.6KW
Dimension	735×580×720mm	920×740×880mm	1090×280×840mm
Weight	50KG	78KG	100KG

SED-S Automatic Counting Machine

Innovative Technology

The bottle blocking device on the conveyor belt blocks the transferred bottle at the bottling position, waiting for filling. The material falls into the counting device in an orderly manner through the vibration of the feeding corrugated plate, and is counted by the photoelectric counting sensor and then loaded into the bottle at the bottling position. sensors.

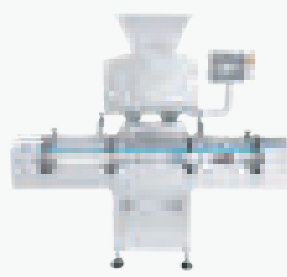


SED-8S

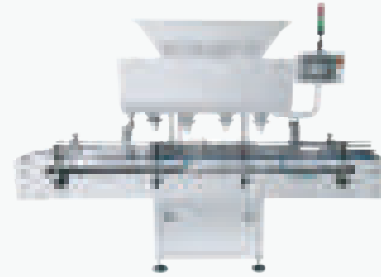
ELECTRONIC CAPSULE COUNTING MACHINE



SED-12S



SED-16/24S



SED-32/48S

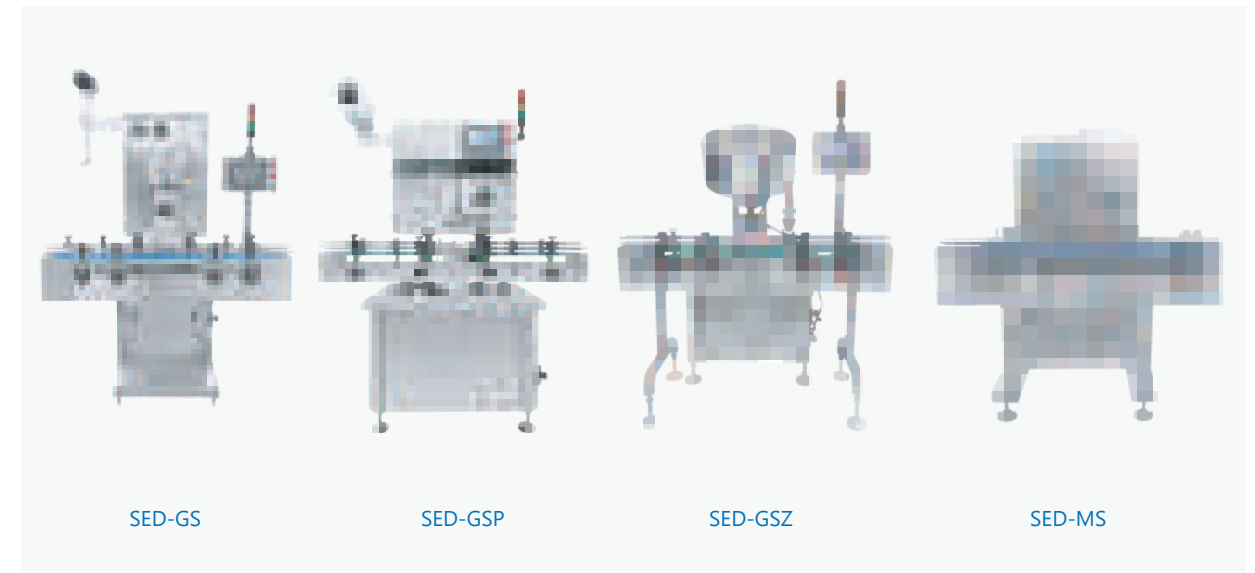
Technical Data:

Model	SED-8S	SED-12S	SED-16S	SED-24S	SED-32S	SED-48S
Application	000-5# Capsules, soft capsules φ≤22mm tablets, irregular tablets 3.5-22mm pellets, candies, etc					
Capacity	10-40 bottles/min	10-50 bottles/min	10-70 bottles/min	10-80 bottles/min	10-100 bottles/min	10-120 bottles/min
Counting Range	2-9999 pcs per bottle, adjustable					
Power supply	220V/50HZ 0.6KW	220V/50HZ 0.75KW	220V/50HZ 0.9KW	220V/50HZ 1KW	220V/50HZ 1.3KW	220V/50HZ 1.6KW
Dimension	1360x1530x 1700mm	1360x1530x 1700mm	1560x1530x 1700mm	1560x1530x 1700mm	2160x1530x 1700mm	2160x1530x 1700mm
Weight	320KG	340KG	480KG	560KG	710KG	900KG

SED-GS/MS Desiccant/Cotton Inserting Machine

Innovative Technology

- The bottle blocking device on the conveyor belt blocks the bottle delivered from the previous equipment at the loading position, waiting for inserting desiccant/cotton, and the bottle mouth will align with the cutting mechanism.
- The step motor drives the desiccant pouch/cotton delivering mechanism to pull out the desiccant pouch/cotton from the desiccant/cotton roll holder, and the cutting mechanism will cut and drop the desiccant/cotton according to set quantity into the bottle. After loading, the conveyor belt delivers the bottle to the next equipment.



SED-GS

SED-GSP

SED-GSZ

SED-MS

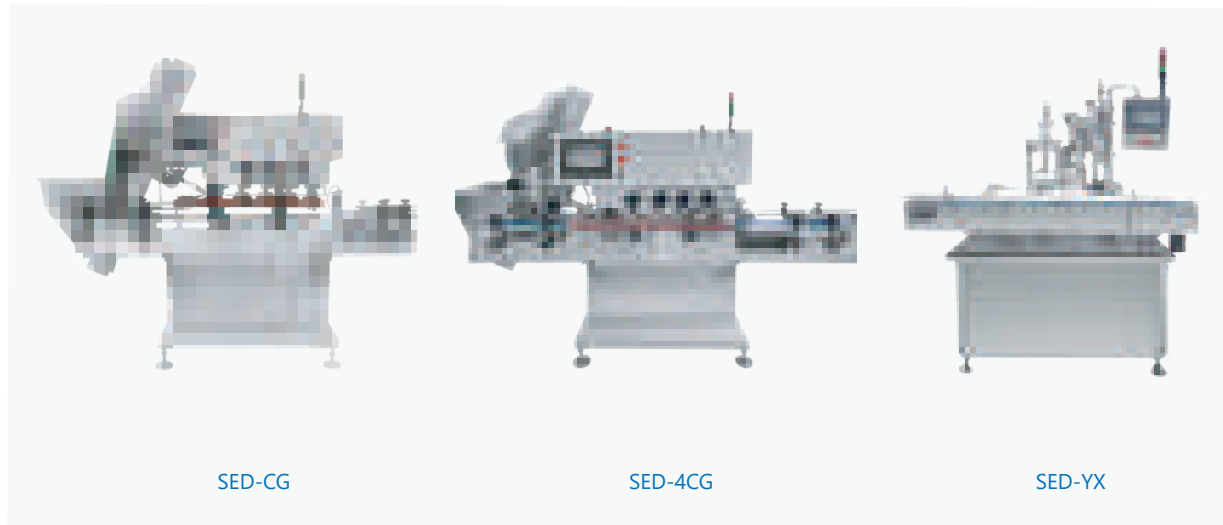
Technical Data:

Model	SED-GS	SED-GSP	SED-GSZ	SED-MS
Suitable Bottle	Round, square, oval and other special-shaped bottle. Bottle Diameter: Φ20-100mm Bottle Height: 30-180mm			
Capacity	10-70bottles/min	60-100bottles/min	30-80bottles/min	10-40bottles/min
Desiccant/Cotton Type	Roll type	Roll type	Canister type	Strip type
Power Supply	220V 50HZ 0.5KW	220V 50HZ 0.65KW	220V 50HZ 0.6KW	AC220V 50HZ 0.5KW
Air Consumption	0.6Mpa 3L/min	0.3Mpa	0.6Mpa 3.5L/min	0.6Mpa 3.8L
Dimension	1360x750x1950mm	1700x900x2100mm	1360x750x1780mm	1360x1080x1410mm
Weight	310KG	300KG	180KG	310KG

SED-CG/YX Automatic Capping Machine

Innovative Technology

- Automatic cap distribution in cap chute, designed for each specific individual cap and production speed.
- Distinctively designed bottle separation mechanism controls the distance between bottles, improving the capping accuracy.
- Cap-screwing wheel distance adjusting handwheel can be used to adjust the distance according to the diameter of cap to be capped. Depending on the diameter of bottle and cap, the operator can also adjust the distance of bottle clamping rails and cap feeding chute.
- Aluminum foil detection device automatically detects the aluminum foil inside the bottle cap, and automatically rejects the bottles without aluminum foil. (This aluminum foil detection device is not applied for metal cap, and this function can be cancelled when applying metal caps.)



SED-CG

SED-4CG

SED-YX

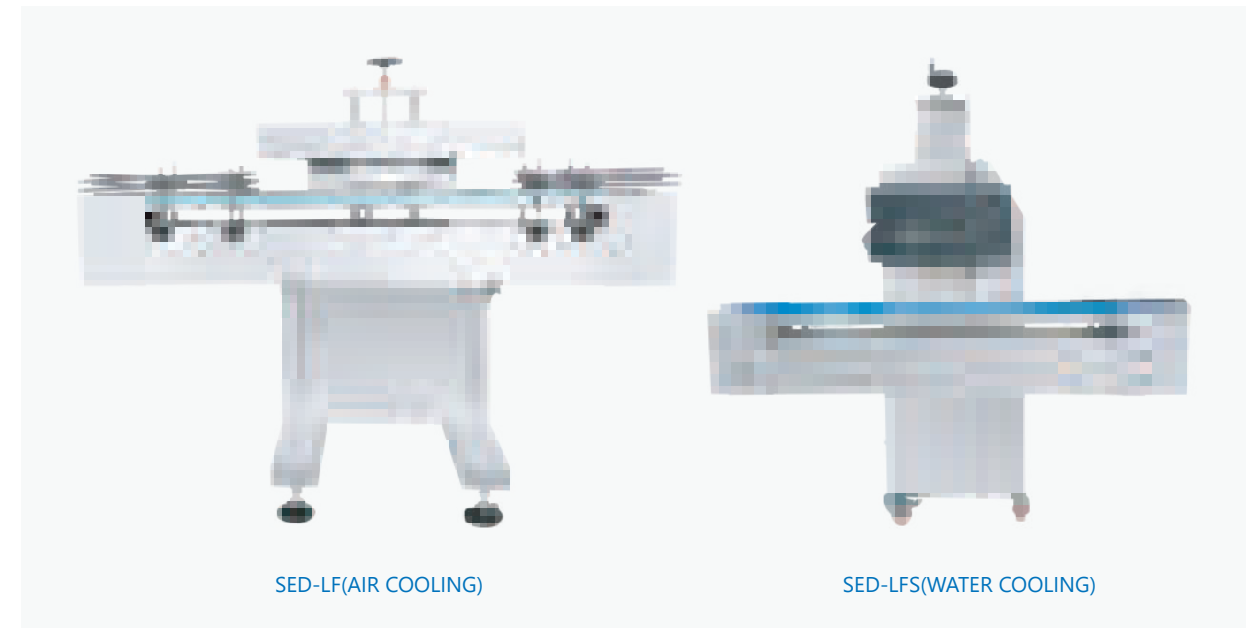
Technical Data:

Model	SED-CG	SED-4CG	SED-YX
Application	Plastic caps such as ordinary caps, children caps, double layer caps, and flip caps, etc		Round plastic bottle
Capacity	10-100bottles/min	10-120bottles/min	20-50bottles/min
Power Supply	220V 50HZ 1.8KW	220V 50HZ 1.8KW	AC220V 50HZ 0.3KW
Air Consumption	0.6Mpa 3L/min	0.6Mpa 3L/min	0.6Mpa 3L/min
Dimension	2280×1080×1940mm	2160×1050×1900mm	1850×1300×1400mm
Weight	510KG	650KG	350KG

SED-LF Induction Aluminum Foil Sealing Machine

Innovative Technology

It is used to seal aluminum foil inside the non-metal cap of plastic and glass bottles, reaching the aim of wet-proof, leakage-proof and extending preservation time.
 Height adjusting handwheel: It can be adjusted to the appropriate height according to the height of product to be sealed.
 Induction sealing device: The induction coil is made of pure copper, with fast and comprehensive induction, ensuring stable, efficient and firm sealing.



SED-LF(AIR COOLING)

SED-LFS(WATER COOLING)

Technical Data:

Model	SED-LF(AIR COOLING)	SED-LFS(WATER COOLING)
Application	Bottle Neck: 20-120mm (Special requirements can be customized.)	Bottle Height: 10-180mm
Capacity	50-150bottles/min	0-300bottles/min
Power Supply	220V 50/60HZ 2KW	220V 50/60HZ 4KW
Dimension	1360 x700x1210mm	1360x500x1090mm
Weight	130KG	75KG

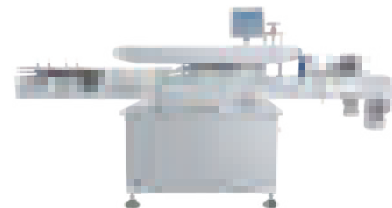
SED-YDT/PT/TB/WT Automatic Labeling Machine

Innovative Technology

- The bottles are equidistant from each other through the bottle distance adjusting mechanism.
- The photoelectric sensor detects the bottles passing by and sends a signal.
- The transmission system gets the signal, and starts to send the label.
- The tensioning system realizes the tension of the label paper tape.
- After the coding machine (optional), the label sticker positioning photoelectric sensor positions according to the length of the label sticker and pulls it out to a certain extent.
- Under the action of the labeling and label pressing, a label is applied to the required position of the bottle smoothly without wrinkle or bubbles.



SED-YDT



SED-TB



SED-PT



SED-WT

Technical Data:

Model	SED-YDT	SED-PT	SED-WT	SED-TB
Application	Round bottles	Flat products	Round bottles	Round, square bottles
Capacity	50-100bottles/min	40-80pcs/min	20-130bottles/min	40-60bottles/min
Power Supply	220V 50HZ 0.15KW	220V 50HZ 0.15KW	220V 50HZ 0.25KW	220V 50HZ 1.2KW
Air Consumption	0.6Mpa 5L/min	0.6Mpa 3L/min	0.6Mpa 3L/min	0.6Mpa 3.6L/min
Dimension	1760x950x1400mm	2200x780x1400mm	1760x700x1550mm	2600x1350x1400mm
Weight	190KG	250KG	230KG	350KG

SED-PTG Effervescent Tablets Tube Packing Machine

Working Principle

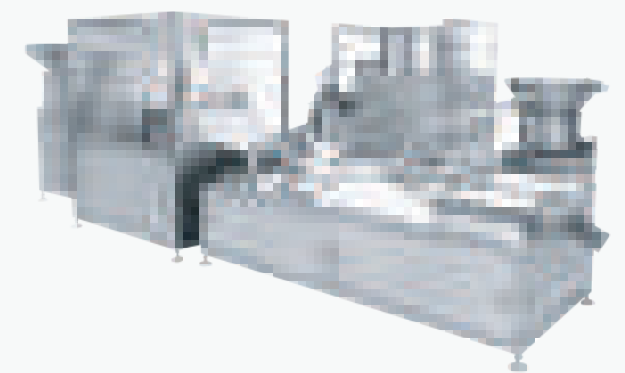
This machine assists in packing effervescent tablets in layers inside a tube. It can automatically give alarms and shut down in case of no tablets, tubes or caps, and all effervescent tablets touching material use SUS316 stainless steel.

Innovative Technology

- Tablet inserting unit: This unit automatically sends the tablet into the tube as the filling process continues. It has a sensor that will ensure the tube is full and the right number of tablets are filled.
- Cap pressing unit: When it detects the presence of a tube and tablets are loaded, it will automatically place a cap over the tube and press it. If there is no tablet or few tablets, the tube will not be capped, and will be automatically rejected.



SED-40PTG



SED-80PTG

Technical Data:

Model	SED-40PTG	SED-80PTG
Capacity	20-40bottle/min	60-80bottle/min
Power Supply	220V/50HZ 1.5KW	220V/50HZ 5KW
Compressed Air	0.5-0.6MP 0.28m³/min	0.5-0.6MP 0.28m³/min
Dimension	2400x1600x1800mm	5800x2260x2070mm
Weight	480kg	1500kg

SED-RTB Sleeve Labeling Machine

Innovative Technology

- SED-RTB Series Shrinkable Label Sleeve Machine is in accordance with all the industry's packaging requirements.
- We improve the machine on mechanical structure, circuit design, intelligent control and the promotion of productivity.
- The design department constantly research and develop, use advanced AC servo motor: speedy, label position high stable.
- Let the servo motor perfect play to ensure high-quality, high-yield output, high-precision and also keep stable operation on all these demands.



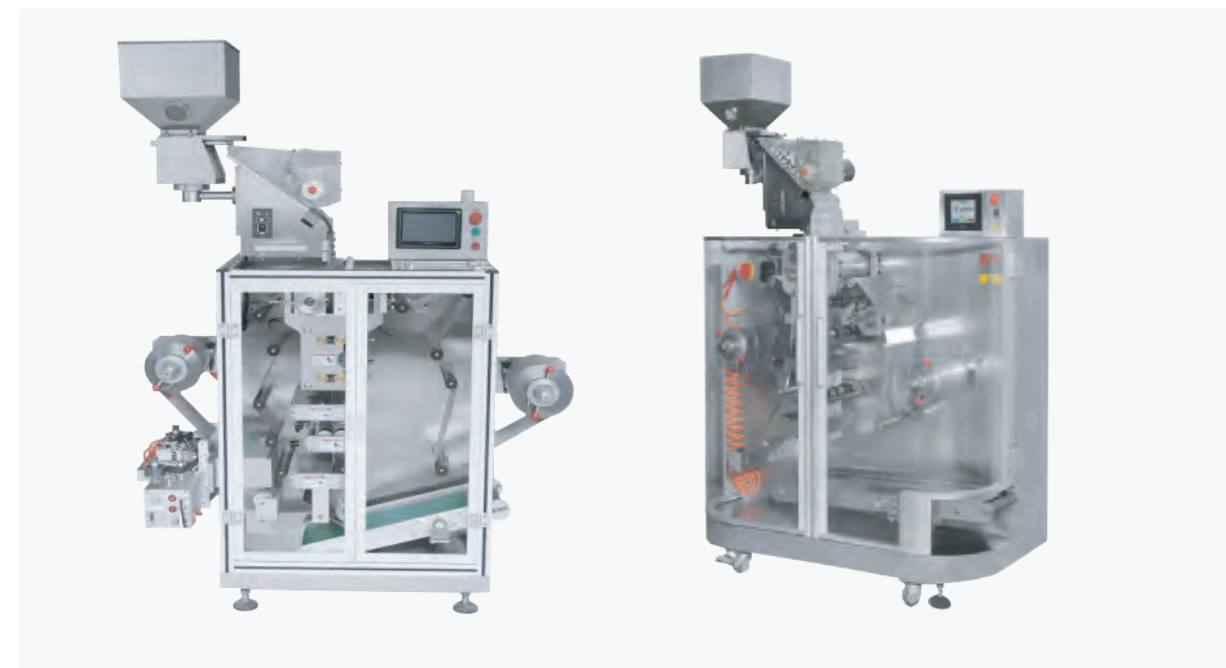
Technical Data

Model No	SED-RTB	Label Material	PVC PET OPP OPS
Capacity	50-150BPM	Heat Tunnel	Steam type(electrical shrinking tunnel is optional)
Suitable Bottle(mouth) Diameter	Φ50~Φ190mm	Operation Mode	Automatic control.
Wrap Label Length	40~200mm	Main Machine Outer Size	2100L×850W×2000H (mm)
Label Thickness	0.035~0.10mm	Equipmrt Weight	450kg

SED-RP Automatic Strip Packing Machine

Working Principle

SED-RP series aluminum strip packaging machine adopts touch screen and PLC control system. The feeding mode equipped with photoelectric monitoring device, which can automatically control the feeding. It is widely used in strip packaging of various tablets, capsules and electronic products in the pharmaceutical and health products industry.



Technical Data

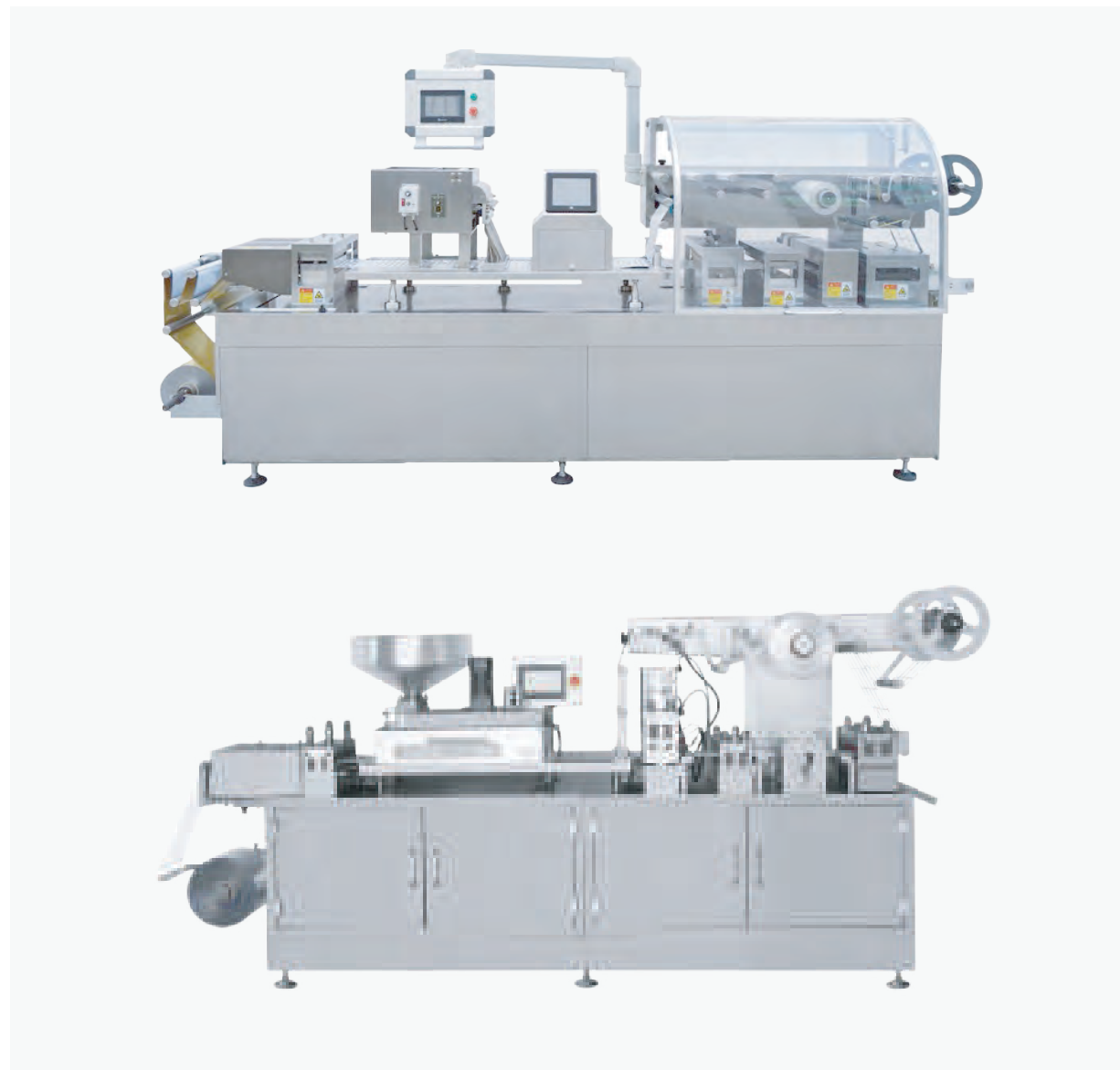
Model	SED-160RP	SED-260RP
Capacity	500-800pcs/min	660-1300pcs/min
Packaging Area	160mm×any length	350mm×any length
Punch Frequency	10~30times/min	10~30times/min
Dia Of Flim Roll	300mm	300mm
Motor power	0.75KW	0.75KW
Total motor	2.75KW	3.75KW
Air Compressor	0.5Mpa	0.5Mpa
Dimension	1300×750×1700mm	1600×850×1900mm
Weight	900KG	1100KG

SED-P Automatic Blister Packing Machine

Introduction

It is suitable for blister packing of all kinds of solid material, such as capsule, tablets, etc., which can protect material from dust and moisture, and extend the shelf life of product.

This machine completes blister forming, material filling, heat sealing, batch number embossing, die cutting and finished product output in an automatic process. It is widely used in industries of food, pharmaceutical, medical instruments, hardware, electronics, etc. for automatic packaging.



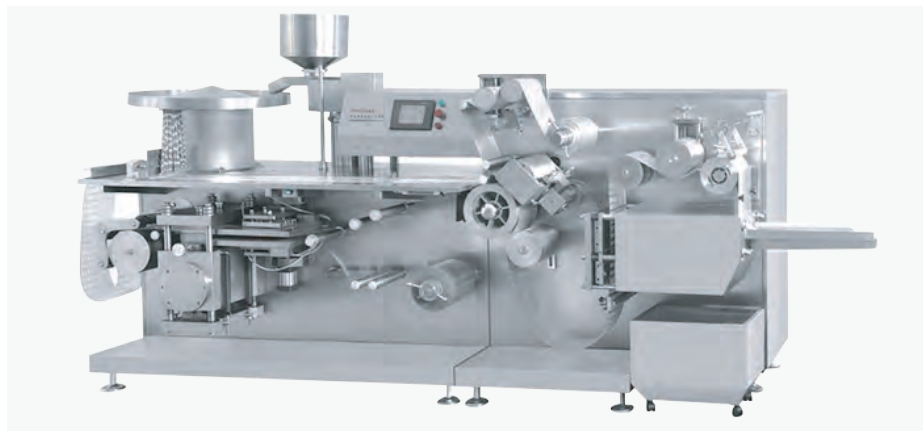
Technical Data:

Model		SED-140P	SED-250P	SED-260P	SED-350P
Cutting frequency (standard)		15-45cutting/min (Standard Size 57×80)			
Max. forming area and depth		140*110*15mm	250*120*15mm	250X110X15mm	350*130*15mm
Range of travel		30-120mm	30-130mm	30-120mm	30-140mm
Packaging material Φ75	PVC	(0.15-0.6) X 160 X (Φ350)mm	(0.15-0.4) X 260 X (Φ400)mm	(0.15~0.4) X 270X(Φ400) mm	(0.15-0.6) X 350 X(Φ400)mm
	PTP	(0.15-0.6) X 160 X (Φ350)mm	(0.02-0.15) X 260 X(Φ400)mm	(0.02~0.15) X 270 X(Φ300)mm	(0.02-0.15) X 350 X(Φ400)mm
	Paper	(50-100)g/m²X 160 X(Φ350)mm	(50-100)g/m²X 260 X(Φ400)mm	(50-100)g/m²X 270X(Φ300)mm	(50-100)g/m²X 350 X(Φ400)mm
Power		380V 50Hz 5.5Kw	380V 50Hz 8Kw	380V 50Hz 8Kw	380V 50Hz 9.5Kw
Air compressor		0.6-0.8Mpa ≥0.4m³/min	0.6-0.8Mpa ≥0.45m³/min	0.6~0.8Mpa ≥0.25m³/min	0.6-0.8Mpa ≥0.6m³/min
Mould cooling		40-80L/h	40-80L/h	60-100L/h	60-100L/h
Dimension (L X W X H)		2400 X 650 X 1460mm	2900 X 750 X 1600mm	3550 X 900 X 1900 mm	3650 X 850 X 1700mm
Weight		800KG	1200KG	2000KG	2000KG

SED-GP High Speed Blister Packing Machine

Working Principle

This machine is applicable to various specifications of capsules, tablets, small honeyed pills and blister sealed packages of medical devices, lighter foods, electronic devices and small hardware products in the pharmaceutical, food, electronics and small hardware industries. The working mode is continuous heat seal, so the production speed is fast and the production efficiency is high. The whole machine adopts the humanized design concept, which has the characteristics of avoiding pollution, simple operation, convenient maintenance, comprehensive operation and monitoring means.



Technical Data:

Model	Unit	SED-260GP	SED-220GP
Max Cutting Speed	times/min	150	150
Max Forming Depth	mm	12	12
Max Forming Area	mm	180x 260(LxW)	180x 220(LxW)
Packing Material (Thickness x width)	mm	PVC(025-0.35)x 260 PTP 0.02x 260	PVC(025-0.35)x 220 PTP 0.02x 220
Material Roll Outer Diameter	mm	PVC<φ400 PTP<φ250	PVC<φ400 PTP<φ250
Inner Core Diameter	mm	PVC& PTPφ70-76	PVC& PTPφ70-76
Overall Dimensions	mm	3130x1150x1900(LxWxH)	3130x1150x1900(LxWxH)
Weight	Kg	2600	2400
Rated Power	Kw	16.5KW 380V/50Hz	16KW 380V/50Hz

SED-TP De-Blistering Machine

Working Principle

It is applicable to the removal and recovery of granular articles such as capsules, tablets and sugar coated tablets, solves the separation of capsules, tablets, sugar coated tablets from the defective aluminum-plastic blister packs.

Innovative Technology

- The machine with good appearance, simple operation, and easy for cleaning.
- The machine with stainless steel 304, pure PU material roller, will protect the drugs from secondary pollution.
- Equipment with high precision, the capsules, tablets will not be squeezed when peel out from the aluminum-plastic blisters.
- The machine with safe operation, easy to adjust the arrangement of the medicine blisters, no need to replace the mould.



Technical Data:

Model	SED-35TP	SED-65TP	SED-120TP	SED-280TP
Operating Mode	Manual	Manual	Automatic	Automatic
Work Efficiency	35 blisters/min	65 blisters/min	120 blisters/min	280 blisters/min
The Scope Of Application	Capsules, tablets, soft capsules, candy, etc. All aluminum plastic blisters			
Application To The Plate	The granules Can be arranged in any form	The granules should be arranged horizontally and vertically		
Change The Mold	No need of changing mold			
Power Requirements	220V AC:50-60HZ			
Rated Power	60W	180W	180W	360W
Equipment Weight	18kg	25kg	38kg	65kg
Dimensions	285×290×285mm	350×380×510mm	400×400×1100mm	900×500×1200mm

SED-LB Automatic Sachet Packing Machine

Machine features

- This machine can finish bag forming, measuring, material filling, sealing, counting and batch number printing in an automatic process.
- Photoelectric and tracing system or computer system can be provided.
- With PLC control, user can set the length of the bag, speed, quantity and other parameters.
- This machine can be installed with a code printer for 1-3 lines of characters such as production and expiry date.
- Photoelectric color mark sensor can detect and control to cut a complete logo.
- When it is out of film, the machine can automatically shut down.
- It features good performance, low noise, clear cutting and strong sealing.



Technical Data

Model	SED-100YLB	SED-100FLB	SED-100KLB	SED-100GLB
Application	Liquid	Powder	Particle	Paste
Capacity	20-60bags/min	20-60bags/min	20-40bags/min	20-60bags/min
Range of Measurement	0-100ml	0.5-50g	0-100ml	10-40ml
Bag size	W:30-100mm L:30-170mm	W:30-100mm L:30-140mm	W:30-100mm L:30-170mm	W:40-110mm L:40-160mm
Sealing Type	Back sealing, 3 or 4 side sealing			
Packing Material	Paper/the polyethylene,nylon/polyethylene,tea filter paper,etc			
Power Supply	220V/50HZ/1P			
Power	1.5KW	1.18KW	1.5KW	2KW
Dimension	1100×850×1800mm	1100×850×1800mm	1100×850×1800mm	1100×900×1900mm
Weight	220KG	220KG	220KG	240KG

SED-GD Automatic Premade Bag Packing Machine

Introduction

This machine is specially designed for small bag and middle bag packaging, which is mainly used in food, daily chemical, agrochemical and other industries. Filling material includes powder, granule, liquid and other materials, suitable for standing bags, zipper bags, flat bags, hanging hole bags, special-shaped bags and other premade bags. Different blanking devices can be used to pack different products.



Technical Data

Model	SED-240YGD	SED-200FGD	SED-200KGD
Product	Liquid	Powder	Granule
Bag size	W:80-240MM L:150-350mm	W:100-300mm, L:80-200mm	W:100-200mm L:150-320mm
Bag type	Zipper bags, flat bags, hanging hole bags, special-shaped bags and other prefabricated bags		
Packing speed	35~45bags/min	20-40bags/min	20-50bags/min
Power supply	380V 50HZ 3P		
Power	6kw	2.5KW	7.5KW
Packing material	PA/PE, PET/PE, aluminum film and other heat-sealable films		

SED-FGJ Powder Bottle Filling Machine

Introduction

This machine is a complete, economical solution to powder filling production line, which can be used to measure and fill powder and granule. It fits to the fluidic or low-fluidity materials, like milk powder, albumen powder, pharmaceuticals, condiment, solid drink, white sugar, dextrose, coffee, agriculture pesticide, granular additive, and so on.



Technical Data

Model	SED-1FGJ	SED-2FGJ	SED-4FGJ
Filling head	1	2	4
Filling range	10-1000g	100-500g	100-700g
Filling speed	10-20bottles/min	20-30 bottles/min	50-60 bottles/min
Power supply	380/220V 50-60HZ		
Power	1.8KW	4KW	4.2KW
Weight	150KG	500KG	700KG
Dimension	2000×2500×2100mm	4000×3000×2400mm	1900×1000×1550mm

SED-RZ Vacuum Emulsifying Machine

Working Principle

The material is first preheated and stirred in a water and oil tanks, and then directly sucked into the emulsifying pot under vacuum through the conveying pipeline. The material in the emulsifying pot is continuously stirred by the scraper, and then cut, compressed, and folded by the frame agitator to make it stir and mix and flow down to the homogenizer at the bottom of the pot, so that the material is cut in the shear seam. Material micronizing, emulsifying, mixing, dispersing, etc. can be completed in a short time. Since the emulsifying pot is in a vacuum state, the bubbles generated during the stirring process of the material are sucked away in time. After the emulsification is finished, raise the pot cover, and rotate the handwheel to make the material discharge to the container.



PRODUCT PARAMETERS

■ Vacuum Emulsifying Machine

Model		SED-5RZ	SED-10RZ	SED-30RZ	SED-50RZ	SED-100RZ	SED-150RZ	SED-200RZ
Emulsifying Pot	Design Volume(L)	6	10	30	50	100	150	200
	Working Capacity(L)	5	8	25	40	80	120	160
	Scraper Stirring Power (KW)	0.55		0.75		1.5		2.2
	Speed(rmp)	0-86						
	Homogenizer Power(KW)	1.1		1.5		3	4	
	Electrical Heating Power(kw)	2		2	4	6		8
	Homogenizer Speed(rmp)	3500		2800		2800		
Water Pot	Design Volume(L)	3.35	7.8	25	38	60	100	120
	Working Capacity(L)	2.7	6	20	30	45	80	95
	Power(kw)	0.025		0.55			0.75	
	Speed(rmp)	1200		1400				
	Electrical Heating Power(kw)	1		2		4	6	8
Oil Pot	Design Volume(L)	3.35	7.8	17.5	25	45	75	100
	Working Capacity(L)	2.7	6	14	20	35	60	80
	Power(kw)	0.025		0.55			0.75	
	Speed(rmp)	1200		1400				
	Electrical Heating Power(kw)	1		2		4	6	8
Demension	LxWxH	800X550X1430mm		Emulsifying: 1400x600x (1900-2400)	Emulsifying: 1400x600x (1950-2500)	Emulsifying: 1750x650x (2150-2850)	Emulsifying: 1900x780x (2380-3000)	Emulsifying: 1450x600x (2650-3500)
				Water pot and Oil pot: 880x510x1050	Water pot and Oil pot: 950x550x1100	Water pot and Oil pot: 1220x610x1300	Water pot and Oil pot: 1170x710x1500	Water pot and Oil pot: 1550x820x1520

Model		SED-250RZ	SED-350RZ	SED-650RZ	SED-850RZ	SED-1000RZ	SED-1300RZ	SED-2000RZ	
Emulsifying Pot	Design Volume(L)	250	350	650	850	1000	1300	2000	
	Working Capacity(L)	200	280	520	680	800	1000	1600	
	Scraper Stirring Power (KW)	2.2		4			7.5		
	Speed(rmp)	0-65				0-45			
	Homogenizer Power(KW)	4		11	15	15	18.5	30	
	Electrical Heating Power(kw)	12		18		24		30	
	Homogenizer Speed(rmp)	2800							
Water Pot	Design Volume(L)	160	250	400	500	650	800	1200	
	Working Capacity(L)	128	200	320	400	500	650	630	
	Power(kw)	0.75		1.1		1.5		2.2	
	Speed(rmp)	1400		960					
	Electrical Heating Power(kw)	8	12	18			24		
Oil Pot	Design Volume(L)	130	250	320	400	500	650	950	
	Working Capacity(L)	105	150	250	300	400	500	760	
	Power(kw)	0.75		1.1		1.5		2.2	
	Speed(rmp)	1400		960					
	Electrical Heating Power(kw)	8	12	12		18		24	
Demension	LxWxH	800X550X1430mm		Emulsifying: 1400x600x (1900-2400)	Emulsifying: 1400x600x (1950-2500)	Emulsifying: 1750x650x (2150-2850)	Emulsifying: 1900x780x (2380-3000)	Emulsifying: 1450x600x (2650-3500)	
				Water pot and Oil pot: 880x510x1050	Water pot and Oil pot: 950x550x1100	Water pot and Oil pot: 1220x610x1300	Water pot and Oil pot: 1170x710x1500	Water pot and Oil pot: 1550x820x1520	

SED-30RG Semi-Automatic Tube Filling and Sealing Machine

Innovative Technology

- Inside heating heater (Switzerland and LEISTER).
- Externally allocated Water Chiller.
- Jacket barrel heat preservation device, blending device inside the barrel.
- Automatically controlled material feeding device (pump) .
- Finished tube conveyor.
- Organic Glass Safety Door.



Technical Data

Model	SED-30RG	Dimensions	1100x800x1600mm
Power Supply	220V±10%	Weight	280kg
Power	0-250ml (customized according to need)	Working Pressure	>0.4Mpa
Capacity	10-30tubes/min	Tube Material	Aluminm/Plastic、Composite tube
Filling Precision	±1%		

SED-RG Automatic Tube Filling and Sealing Machine

Working Principle

The automatic tube filling machine is mainly used to filling ointment materials into cylindrical, capped tubes of aluminum or composite materials and seal the tube ends. In compliance with GMP requirements, the dosing pump is a new type stainless steel butterfly valve for ointment filling with highly accuracy.



Innovative Technology

- Standard configuration: Obliquely hanging type tube hopper for tube feeding
- Optional: Hopper with jacket and heating device.
- Optional: Hopper with stirring.
- Optional: Pump for automatically material feeding controlling.
- Optional: Finished tube conveyor.

Technical Data:

Model	SED-60RG	SED-80RG	SED-100RG	SED-160RG1	SED-160RG2
Tube Material	Aluminm/Plastic、 Composite tube				
Tube Diameter (mm)	13-50			12-50	
Tube Length(mm)	50-210		50-200	230(The Max.)	
Capacrty(pcs/min)	30-50	50-75	80-120	120-160	110-160
Filling Volume(ml)	5- 250	3-250	3-250	2-200	
Motor Power(kw)	1.1	1.5	2.2	1.7	6.5
Filling Accuracy	±1%				
Power Supply	AC380V/220V, 50Hz/60Hz				
Dimensions (LxWxH)(mm)	1950×1000×1800	2200x1200x1900	2350×1300×2200	3147x1555x2267	
Weight(kg)	850	1200	1500	3000	

SED-WZH Automatic Cartoning Machine

Innovative Technology

- Its working process is the delivery of products, the delivery of instructions (automatic 1-4 folding). The paper box is automatically opened and delivered, and the folded instructions and products are put into the paper box at the same time, and complex packaging processes such as automatic batch number printing, paper tongue sealing at both ends are completed.
- It is suitable for automatic packaging of ointment (aluminum bottles and plastic bottles), soft packaging and pallets.



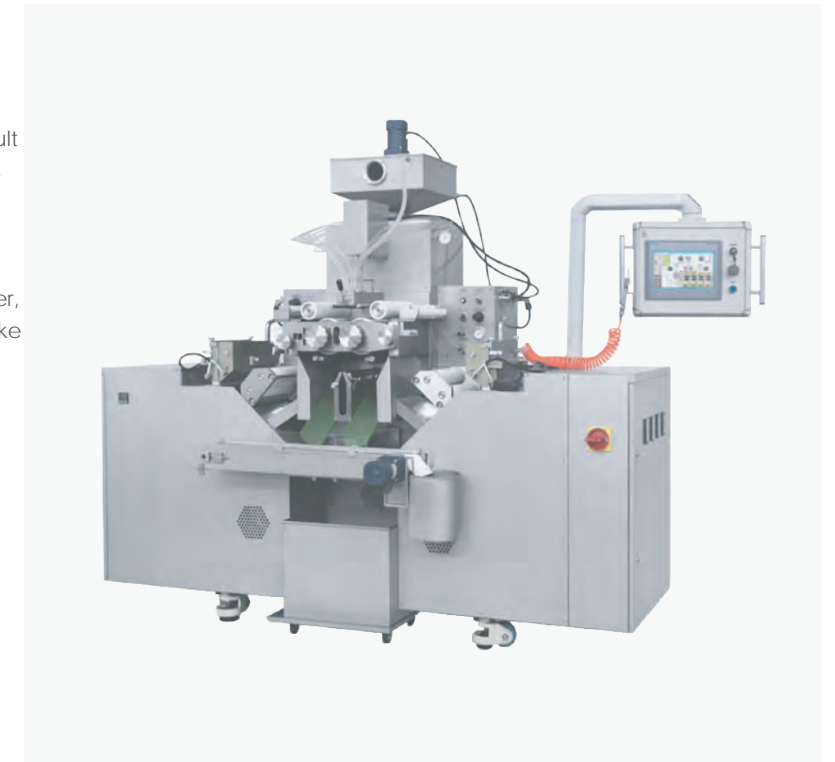
Technical Data:

Model	SED-120WZH
Applicable objects	7-180mm 35-80mm 14-50mm
production	50-100 boxes/minute
power supply	1.5 kw
Paper box size (minimum)	45*20*14mm
Paper box size (maximum)	250*150*120mm
Paper box material	White card 250-350gms; Grey card 300-400gms
compressed air	≥0.6Mpa
Dimensions	3300*1550*1560mm
weight	1000KG

SED-RJ Soft Gelatin Encapsulation Machine

Innovative Technology

- Adopts big size touch screen, with fault diagnostic function, can store various kinds of operating parameters.
- The mould adopts the aviation aluminum alloy, with long service life.
- Discharge soft capsules by net-hopper, and form in advance by cold air, make soft capsule molding more beautiful and the conveying more reasonable.
- Material hopper with temperature adjusting, also the mixing with speed adjusting



Technical Data:

Model	SED-200RJ	SED-250RJ	SED-300RJ	SED-0.8-110RJ
Roller Die Rated Speed	0-7r/min	0-5r/min		0-7r/min
Roller Die Size	Φ103X200mm	Φ150X250mm	Φ150X300mm	Φ72X110mm
Single Piston Feeding Volume	0-2ml			0-0.8ml
Power Supply	380V 50Hz			380V 50Hz
Noise	<75dBA			<75dBA
Dimensions	1990X1040X2100mm	2420X1180X2210mm		1500X550X1700mm
Net Weight	1000kg	1800kg	1900kg	700kg
Total Power	11kw	17kw	17.6kw	6.6kw

ACCESSORY EQUIPMENT

■ For Soft Gelatin Encapsulation Machine



Tumble Dryer

Softgel drying tunnel machine is used for secondary drying of soft gelatin capsules to reduce water content in the capsule to levels appropriate for product stability.



Jacketed Gelatin Storage Tank

Designed with three stainless steel interlayers, gelatin service tank helps for accurate control of the temperature of medicine liquid. Typically designed paddle ensures quick agitating and mixing uniformly. Convenience in installation and cleaning. Ease and quickness in production.



Material Preparation Tank

Material preparation tank (also known as materials blending tank, materials mixing tank or dispensing tank) is a type of material preparation equipment for encapsulation production, an important necessity in a material preparation system



Colloid Mill

The machine applies for most material attritioning for pharmacy, foodstuff, chemical engineering and other industries, which serve for crushing, emulsifying, homogeneity and mixing of various kinds of semi fluid and emulsion substance. This is essential to material grinding equipment in the soft gelatin capsule production process



Material Tank

This is a stainless steel container that holds material you would wish to encapsulate in the soft gelatin. There must be no leakages at the point it joins other section of the machine



Gelatin Melting Tank

Gelatin preparation tanks are used to melt gelatin for the softgel capsule process. The tanks are fitted with a water filled jacket that is heated to pre-set temperatures by electric heaters mounted in the base of the tank. During the melting process paddle impellers stir the solution while vacuum is applied for deaeration.



Drying Tray

Drying trays are used for soft gelatin capsules drying and setting. The trays are manufactured of polypropylene resin (PP) which is in line with GMP requirements. The moving brackets are manufactured of SUS304 stainless steel, with four casters in the bottom



Gelatin Pulverizer

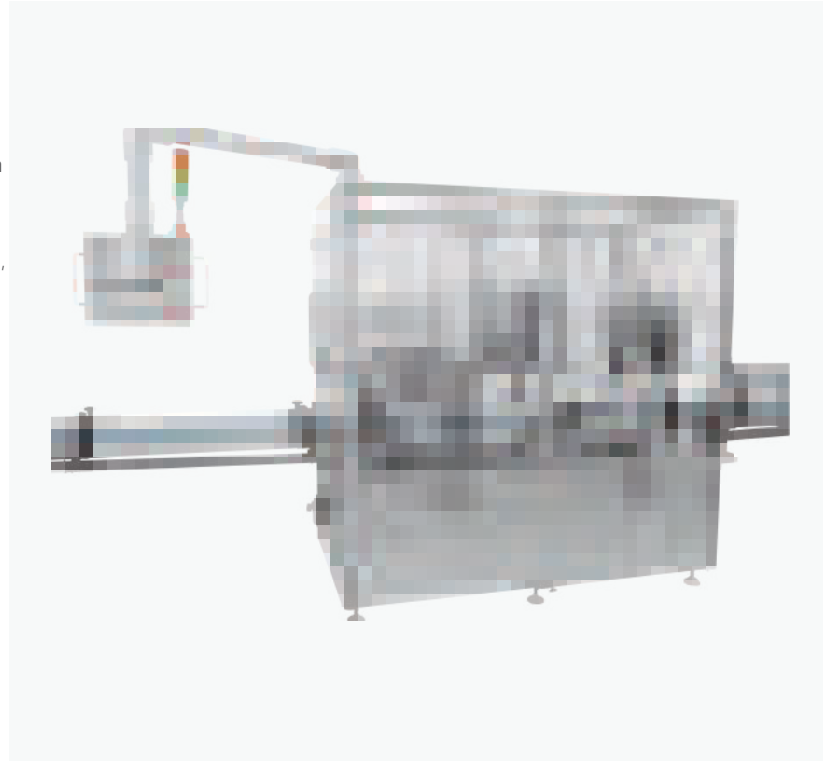
It can recycle misshaped or unqualified capsules separately by capsule shell and inside medicine solution which saves a lot of cost during the encapsulation process. Grinded capsule shells are discharged from the upper port while the medicine solution comes out from the lower port to avoid cross-contamination. Automatic separation and discharge save labor.

SED-GX Automatic Liquid Filling and Capping Machine

Innovative Technology

SED-GX automatic liquid filling machine is designed for filling and capping of various bottles. It is the main machine in the filling production line.

It adopts plunger filling method and capping station with auto cap loader, and has the function of no bottle no filling. The machine combines filling and capping station, not only has a reasonable design in accordance with GMP design standards, but also has a compact structure and is easy to operate and maintain.



Technical Data:

Model	SED-4GX	SED-6GX	SED-8GX	SED-12GX	SED-16GX
Filling Head	4	6	8	12	16
Filling Volume	5-20ml/20-60ml/60-150ml/150-250ml/250-500ml/500-1000ml/1L-2L/2L-5L				
Filling speed (bottles/min)	30-50	40-60	60-80	80-100	100-120
Filling accuracy	99.5%				
Compressor Air	0.4-0.6MPa				
Power supply	220V/380V 50HZ/60HZ				
Power (KW)	0.75	0.75	0.75	1.2	2.2
Weight(Kg)	500	500	800	1000	1300
Dimensions (mm)	1300X1000X1800	1300X1000X1800	1600X1000X1800	2300X1000X1800	2300X1000X1800

SED-SP Automatic Plastic Ampoule Liquid Filling And Sealing Machine

Main Feature

- It adopts PLC control and stepless frequency conversion speed regulation.
- The working processes such as unwinding, forming, filling, batch number printing, indentation, punching and cutting are completed automatically by the program.
- It adopts human-machine interface device, which has simple operation.
- The filling has no dripping, bubbling, and overflowing.
- The parts contacting with medicine all adopt high quality stainless steel material, which meets with GMP standard.
- The main pneumatic and electrical components adopt imported brand.
- It adopts electronic peristaltic pump or mechanical filling system, which have accurate metering with small error.



Technical Data:

Model	SED-118-2SP	SED-118-5SP	SED-240-5SP	SED-360-10SP	SED-360-15SP
Max Depth Forming	12mm	12 mm	12mm	12mm	12mm
Punch Frequency	0-25 times / min	0-30 times/min	100 times/min	220-300 times/min	220-300 times/min
Filling Head	2	5	5	10	15
Packaging Materials	PVC/PE, PET/PE (0.2-0.4) ×140mm	PVC/PE (0.2-0.4) x 140 mm	PET/PE PVC/PE (0.2-0.4) ×240mm	PET/PE PVC/PE PVC/ EVOH (0.2-0.4) x 360mm	PET/PE PVC/PE PVC/ EVOH (0.2-0.4) x 360mm
Filling Volume	1-50 ml	1-50 ml/branch	1-50ml/piece	1-100ml	1-100ml
Power	4.3 kw	7kw	8.5 kw	30kw	30kw
Voltage	220/380V 50HZ/60HZ 3P				
Weight (Kg)	700	850	1200	3000	3000
Dimensions(mm)	1750X750X1400	2300X850X1450	3200X850X1900	7300X1050X1800	7300X1050X1800

SED-YGF Prefilled Plastic Syringe Filling And Plugging Machine

Introduction

This product is specially designed by our company for the filling of plastic syringes. It is an automatic packaging equipment for aseptic and efficient filling of syringes. The equipment runs smoothly, is simple to operate, and is equipped with intelligent detection devices, with high automation, high work efficiency, convenient maintenance, and the technology can reach the current domestic industry advanced level.



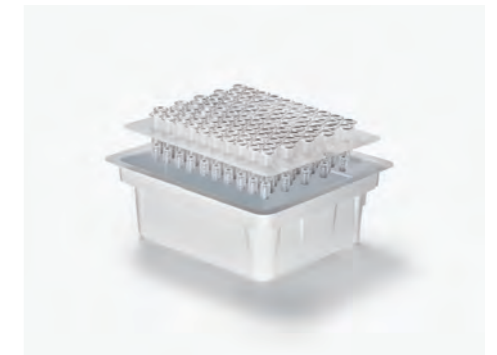
SED-BYGF



SED-YGF

Technical Data:

Model	SED-1BYGF	SED-2BYGF	SED-1YGF	SED-2YGF
Applicable materials	Liquid and ointment			
Applicable syringe spec.	0.5、 1、 2.25、 3、 5、 10、 20ml (can be customized)			
Filling accuracy	≤±2%	≤±2%	≤±1-2%	≤±1%
Injection needles No.	1	2	1	2
Capacity	600-1800P/h	1200-1800times/h	2200-2600 p/h	1200-1800 p/h
Supply power	380V/220V 50-60Hz			
Air Pressure	0.4-0.8Mpa	0.5-0.8Mpa	0.55-0.75Mpa	0.55-0.75Mpa
Dimensions(mm)	400×400×1450	750×500×1500	1230×850×1800	1088×858×1800
Weight (KG)	50	65	500	500



- ① Syringe tubes loading and lifting
- ② Assembly machine(Assembly the syringe body with rubber plug)
- ③ Syringe tubes loading and lifting
- ④ Syringe filling and caps closing
- ⑤ Syringe traying
- ⑥ Syringe out of nest and loading
- ⑦ Syringe visual inspection
- ⑧ Plunger rod screwing and labeling batch number

Clean zone (Local hundred grade) machine functions and features

- This machine is suitable for all kinds of plastic syringes.
- Syringe tubes lifting
- Assemble the syringe body with rubber plug
- Assemble and lift syringes with rubber plug.
- Liquid filling, caps closing, caps screwing, sealing
- After finished syringe code into the tray.
- Local laminar flow protection for the above equipment

General area functions and features

- The syringe out of box, lifting
- Artificial 3 times put big visual inspection check, kick disable.
- Put the syringe plunger in syringe, screwing plunger, labeling, put batch number

SED-AGLX Ampoule Washing, Drying Filling And Sealing Linkage Line

Introduction

The linkage line consists of vertical ultrasonic washing machine, hot air circulation sterilization tunnel, SED-AGLX filling and sealing machine. The model can be used in combination or in a single machine. The linkage line can complete water spray filling, ultrasonic cleaning and flushing (internal and external), CA flushing (internal and external), preheating, drying and sterilizing to remove heat source, cooling, before and after nitrogen, sealing after preheating, sealing and other processes.

This line can meet the size range from 1-20ml ampoule of washing, drying and sterilizing to remove heat source, filling and sealing requirements of the production process.



Technical Data:

Model	SED-6AGLX	SED-8AGLX	SED-10AGLX	SED-12AGLX	SED-16AGLX
Suitable sizes(ml)	1-20ml(ampoule)				
Capacity(pcs/h)	6000-16000	8000-21000	10000-24000	12000-30000	16000-36000
Filling heads	6	8	10	12	16
Power supply	380V 50hz				
Power (KW)	78	78	80	90	90
Weight(Kg)	8900	8900	9400	9700	10100
Dimensions (mm)	9100×2200×2450	9100×2200×2450	9260×2200×2450	9910×2200×2450	10042×2200×2450

SED-XGS Vial Washing, Drying Filling And Sealing Linkage Line

Introduction

The linkage line consists of vertical ultrasonic washing machine, hot air circulation sterilization tunnel, SED-XGS series filling and stoppering machine. The model can be used in combination or in a single machine. The linkage line can complete water spray filling, ultrasonic cleaning and flushing (internal and external), CA flushing (internal and external), preheating, drying and sterilizing to remove heat source, cooling, filling, sealing, capping and other processes etc. This line can meet the size ranging from 2-30ml vials of washing, drying and sterilizing to remove heat source, filling and sealing requirements of the production process.



Technical Data:

Model	SED-2XGS	SED-4XGS	SED-6XGS	SED-8XGS	SED-10XGS	SED-12XGS	SED-16XGS	SED-20XGS
Suitable sizes(ml)	2-30ml(vial)							
Output (pcs/min)	30-60	60-120	90-180	150-240	180-300	220-400	300-500	420-600
Filling heads	2	4	6	8	10	12	16	20
Filling accuracy	±1%							
Qualified rate of stoppering	>99.99%							
Breakage rate	<0.1%							
Power supply	380V50Hz							
Power (KW)	6	6	8	8	9	9	11	11
Weight(kg)	1800	1800	2100	2100	2300	2300	2500	2800
Dimensions (mm)	3250X1700X2450	3250X1700X2450	3250X1700X2450	3650X1700X2450	3650X1700X2450	3650X1700X2450	4570X1850X2450	4953X1850X2450