

RJN系列软胶囊机生产线

RJN Series Softgel Encapsulation Machine Line

► 用途 (Application)

软胶囊机可将油类液体、混悬液或糊状物定量注入胶膜中，形成大小、形状、色彩各异的密封软胶囊。由于软胶囊具有崩解速度快、生物利用率高、外形雅致、易于吞服、不易氧化、便于贮存和携带等优点，越来越受到消费者的欢迎。软胶囊机由于生产率高、装量准确、质量稳定、成品率高而越来越受到厂家的青睐，现已广泛用于医药、保健品、化妆品和游戏彩弹等领域。

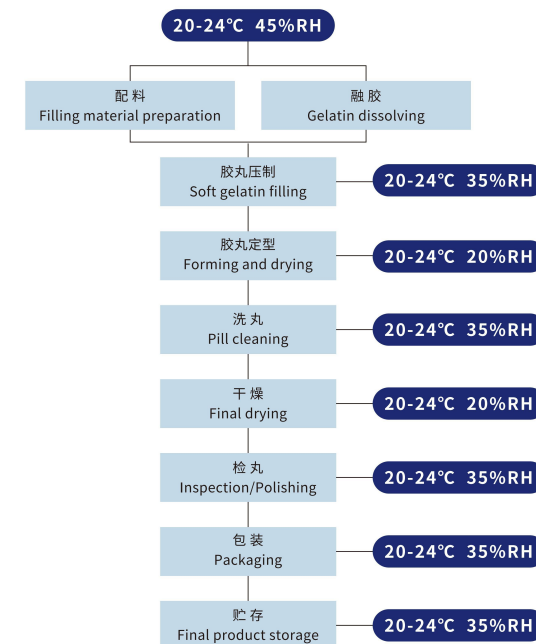
软胶封装系统由主封装机以及输送装置、熔胶罐、配料罐、冷水机、定型转笼干燥机、电气控制面板、带小车的烘箱托盘、储罐等组成。

Softgel encapsulation machine can quantitatively inject the oil, mixing suspension and pasty mass into the capsule to form all kinds of softgel encapsulation with different size, shape and color. Because of the merits of high speed disintegration, easy to oral, hard to oxygenation, easy to store and take, the softgel encapsulation is welcomed by more and more customers. Owing to the high productivity, charging exactly, quality stabilization, high finished product rate, it is favoured by more and more manufacturers and used in the fields of medicine, health products, cosmetic and game-color ball and so on.

The softgel encapsulating system consists of main encapsulation machine as a crucial apparatus and conveyer, gelatin melting tank, dosage tank, water chilling unit, tumble dryer for formalization, electrical control panel, oven tray with dolly, storage tank, etc.



软胶囊工艺流程 Workflow of Soft Gelatin Capsule



► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	RJN-120	RJN-200	RJN-250	RJN-300	RJN-320
滚模转速 Rotary Speed of Die Roll	rpm	0-5	0-5	0-5	0-5	0-5
		变频无级调速 Frequency conversion stepless speed regulation				
最大产量 Max. Output	pcs/h	18000	65000	92000	110000	150000
流体单柱塞供给量 Supplying Volumo for Flow Single-pillar Pisto	g	0-2	0-2	0-2	0-2	0-2
装量差异 Difference Among Filling Volume	%	±2	±2	±2	±2	±2
整机功率 Power for Whole Machine	kw	4	7.5	9.5	17.6	20.6

熔胶罐

Gelatin-melt Tank

► 特点 (Features)

三层不锈钢夹套，使加热快速、能耗少、避免烫伤；有效容积大，扭力大，一次性制胶多；便于安装和清洁，出料方便快捷。

Three-layer stainless steel jacket ensures fast heating, low energy consumption, and avoids burns; Large effective volume, high torque, and multiple one-time adhesive production; Easy to install and clean, with convenient and fast discharge.



► 技术参数 (Technical Parameters)

型号TYPE	RJ-250	RJ-600	RJ-900
罐内有效容积 Effective Capacity of Inner Tank	250L	600L	900L
夹套有效容积 Effective Capacity of Inter Layer	65L	120L	170L
工作温度 Working Temperature	0-100°C	0-100°C	0-100°C
搅拌电机功率 Power of Stirring Motor	1.1kw	2.2kw	3kw
搅拌转速 Rotary of Stirring	35rpm	32rpm	32rpm
罐内许可压力 Pressure of Inner Tank	-0.09-0.1 mpa	-0.09-0.1 mpa	-0.09-0.1 mpa
外形尺寸 Overall Dimensions	φ806*2400 mm	φ1208*2450 mm	φ1408*2550 mm
重量 Weight	345kg	764kg	1100kg

储液罐

Liquid Storage Tank

► 特点 (Features)

罐体采用优质304不锈钢精心制作，内外表面抛光处理，耐腐蚀、耐酸、防锈，易于清洁。可根据客户要求定制配备恒温调节器和搅拌器。
The tank body, carefully made of quality 304 stainless steel and with both of its internal and external surfaces polished, is corrosion-resistant, acid-proof, antirust and easy to clean. Thermostatic regulator and agitator can be made according to customers' requirement.



► 技术参数 (Technical Parameters)

型号TYPE	CL-100	CL-200	CL-300
有效容积 Effective Volume	100L	200L	300L
气压范围 Air Pressure Range	0-0.1mpa	0-0.1mpa	0-0.1mpa
备注 Remarks	No Heat Preservation		

配料罐

Dosage Tank

► 特点 (Features)

三层不锈钢夹套，精确控制料液温度；特制浆液，快速搅拌，物料混合均匀；便于安装和清洁，出料方便快捷。

Three-layer stainless steel jacket, precise control of liquid temperature; Special slurry, fast stirring, even mixing of materials; Easy to install and clean, convenient and fast discharging.



► 技术参数 (Technical Parameters)

型号TYPE	PL-250	PL-450	PL-600
电机电压 Elec.Motor Voltage	380V	380V	380V
总功率 Total Power	8.55kw	9.1kw	13.1kw
温度控制范围 Temp.Control Range	0-100°C	0-100°C	0-100°C
有效容量 Effective Capacity	250L	450L	600L
外形尺寸 Overall Dimensions	φ806*2400 mm	φ1006*2500 mm	φ1106*2500 mm
重量 Weight	335kg	600kg	750kg
备注 Remarks	Supported by Three Legs		

干燥转笼

Tumble Dryer

► 特点 (Features)

无死角，易于清洁；笼子下方的油盆确保在生产过程中没有油滴落。

No dead corners and easy to clean; An oil basin under the cage ensures no oil dropping during the production.



► 技术参数 (Technical Parameters)

型号TYPE	DGZL-400	DGZL-470	DGZL-600
笼体尺寸 Size of Tumble Dryer	φ400*640 mm	φ470*720 mm	φ600*930 mm
转笼转速 Speed of Tumble Dryer	0-50Hz	0-50Hz	0-50Hz
电机功率 Total Power	0.37kw	2*0.37kw	4*0.75kw
电机转速 Speed of Motor	1250rpm	1345rpm	1420rpm
风机风量 Fan Volume	2*1000m³/h	2*2558m³/h	12*660m³/h
有效容量 Effective Capacity	40L	70L	150L
载重量 Loading Capacity	55kg	100kg	200kg
胶丸数量 Pill Quantity	45000 pills (8 OV)	50000 pills (8 OV)	200000 pills (8 OV)
外型尺寸 Overall Dimensions	1250*510*850mm	1800*580*1130mm	2000*840*2000mm

保温贮胶桶

Gelatin Storage Tank

► 特点 (Features)

罐体采用全封闭的熔胶夹套，对内部熔胶具有良好的保温性能，并具有自动调温和自动对明胶液施加气压的功能。

With a fully-closed jacket for melting gelatin, the tank has a good heat-preserving property for melting gelatin contained inside. It also has the advantages of automatic gelatin temp. adjustment and automatic air pressure exertion on gelatin liquid.



► 技术参数 (Technical Parameters)

型号TYPE	BWCJ-100	BWCJ-200	BWCJ-300
电压 Voltage	220v	220v	220v
电源 Power	1kw	2kw	3kw
温度控制范围 Temp.Control	0-100°C	0-100°C	0-100°C
夹套热水含量 Heated Water Volume in Jacket	40L	70L	100L
有效容积 Effective Volume	100L	200L	300L
空载重量 Weight with no Load	100kg	130kg	220kg

模具

Mold

► 特点 (Features)

通过气压调整两个滚轮模具的间隙既方便又快捷。

It is convenient and prompt that adjusting the clearance of two roller dies by air pressure.

