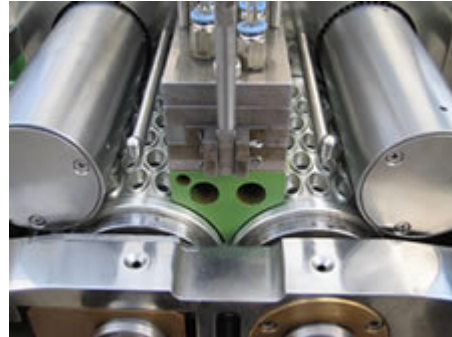




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Soft gelatin encapsulation production line



Soft gelatin capsule making line functions as filling a certain amounts of prepared medicine solutions into two lines gelatin film and forming various soft gelatin capsule in size, shape and color after compression under the action of one pair opposite movable moulds. It's consist of vial making system, gelatin dissolving system, raw material compounding system, shaping and drying system, gelatin vial cleaning system, vial recovering system etc. During vial compression and forming, it can be finalized within the sealed cavity so as to avoid coming across medicine oxygenation. All contact parts are made of S.S. 316L, fully complying with "GMP" standard requirements.

Features: 1. Imported process equipment, advanced process and assembly technology, ease and simplicity of operation and stable performance. Main shaft flap



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tolerance is less than 0.03mm, both shafts in balance less than 0.04mm, cam wheel of gelatin film flap tolerance less than 0.05mm, finished gelatin capsule ratio up to 98%, with satisfactory quality and excellent shape.

2. Adoption of advanced linear driving system as solutions injection parts improves soft gelatin capsule filling accuracy and ensures filling tolerance less than 2%.

3. Gelatin film making parts operated by the internationally advanced water cooling system prevents gelatin film from pollution by cooling air not much as the traditional wind cooling mechanism is.

4. Featuring automatic supply of gelatin and material, automatic hydraulic mould compression and automatic lift and injection system, it enhances the operation and lower the labor strength, improves working environment.

5. Excellent gelatin capsule transmission device made of S.S. transmission belt can make guarantee of no cross pollution to medicines, exactly no poison, stickness and cleanness.

6. Highest electric components, high efficiency control panel (optional) ensures stability and long service life.

RJWJ-185A(B) Type Soft Encapsuction Machine Set Form

No.	Name and Type	Number	Power / Kw	Overall Dimension (mm)	Remarks
—	Main machine pressing tablet system	Pressing tablet room: This room requires 22~26 degrees Centigrade of temperature, relative humidity <40%~60%, and 300,000 grades cleanliness. The size of the room is 6mx4.5 m, power 8KW; the pressure is smaller than the compressed air of 0.1Mpa. Each set includes one conveyer, one mould, one air compressor, 1 group of left and right gelatin box, 2 rubber input tubes, 2 heating sleeve pipe and 1 circulation hopper			
1	RJWJ-185A(B) type soft capsule main machine	One	3	790x920x2100	Rotary speed of die roll: 0-5rpm/m, weight: 900kg. Glue liquid , material liquid automatically control, roll mould



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					rotational speed 0~5rpm, the weight of main machine 900kg, Output: 8#OV ---34560 grains/hour.
2.	Electric controlled cupboard of the main machine	One		690x250x885	The main electric apparatus component adopts international known leading brand products
3.	LS-15 type cooling water machine	One	2	750x700x1100	The compressors, condensers are Japanese Mitsubishi
4.	DGZL-470 typesetting dry tumbler cage	One	2.8	3000x580x1150	304 stainless steel net hole boards making 4 associations of every group
5.	BWCJ-180 type heat preservation storing glue barrel	Three	2	φ 630 × 1160	Three separate sets, 304 stainless steel making
6.	CL-200 type storage barrel	Two		φ 600 × 1100	304 stainless steel making
二	Melt glue system	Melt glue room: Cleanliness is 300,000 grades, 20~26 degrees Centigrade of temperature, relative humidity is 40%~60%. Melt glue pot position layer 4.2m high (if original factory building height is not enough, can adopt the pressure to force arranging the glue way), melt glue pot needs to build the melt glue platform, which is 2.2m high. Melt glue room has floor drains, steam is discharged and should cause outdoors			
7	RJ-900 type water bath style melt glue pot	One	3	1750x1750x2000	Three separate sets, 304 stainless steel making
8	LN-60 type tube style cooling pot	One		φ 400 × 1750	304 stainless steel making
9	ZRJ-350 type red copper heat exchanger	One		φ 908 × 1700	304 stainless steel making
10	SK-0.8 type water ring vacuum pump	One	1.5	380x220x200	
11	Hot water pump	One	0.37		
12	Melt glue electric controlled cupboard	One		500x220x400	



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三	Raw materials batching system	Among the batching: 300,000 of cleanliness, user confirm the temperature according to content thing (usually temperature is 22~24 degrees Centigrade, relative humidity <40%~60%. Batching pot position layer 4.2 meter high, batching pot takes to put up the batching platform, high 2.2m of platform). The batching room has floor drains. The listed equipment here is only for reference.			
13	PL-600 type batching pot	One	1.5	1450x1400x1900	Three separate sets, 304 stainless steel making
14	JM-85 type colloidal mill	One	3	800x450x1000	Pump with gear wheel, 304 stainless steel making
四	Dry system	Middle drying room: Temperature requires 18~24 degrees Centigrade, humidity ≤ 25% (users can regulate the craft parameter according to the actual conditions)			
15	DGZL-470 type setting drying tumbler cage	Three groups	2.8	3000x580x1150	304 stainless steel network hole boards making ,4 associations of every group
16	Unit electric apparatus case	One		700x300x1300	
五	Cleaning recovery system	The net glue washing and recovery room: Cleanliness is 300,000 grades, 20~26 degrees Centigrade of temperature, relative humidity is 40%~60%. There is floor drain that enters the water; it is getting open that there is hot water.			
17	CXW-470 type ultrasonic wave washing pill machine	One	1.2	1100x700x1200	
18	WH-105 type net glue recovery machine	One	3	1120x540x580	304 stainless steel making
19	SS-600 type centrifugal	One	3	1000x900x800	Anti-blast motor, weight 520kg
Note: RJWJ-185B type is PLC MMI,					

RJWJ-115A(B) Type Soft Encapsuction Machine Set Form

No.	Name and Type	Number	Power / Kw	Overall Dimension (mm)	Remarks
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—	Main machine Pressing tablet system	Pressing tablet room: This room requires 22~26 degrees Centigrade of temperature, relative humidity <40%~60%, and 300,000 grades cleanliness. The size of the room is 5mx4.5 m, power 6KW; the pressure is smaller than the compressed air of 0.1Mpa. Each set includes one conveyer, one mould, one air compressor, 1 group of left and right gelatin box, 2 rubber input tubes, 2 heating sleeve pipe and 1 circulation hopper			
1	RJWJ-115A(B) type soft capsule main machine	One	1.7	700x730x1500	Rotary speed of die roll: 0-3.5rpm/m, weight: 500kg. Glue liquid, material liquid automatically control, roll mould rotational speed 0~5rpm, the weight of main machine 900kg, Output: 8#OV --12460 grains/hour.
2.	Electric controlled cupboard of the main machine machine	One		500x340x900	
3.	LS-15 type cooling water machine	One	2	850x800x1200	The compressors, condensers are Japanese Mitsubishi
4.	DGZL-400 typesetting dry tumbler cage	One group	1.4	1400x500x1050	304 stainless steel net hole boards making 2 associations of every group
5.	BWCJ-100 type heat preservation storing glue barrel	Two	2	φ 550×1000	Three separate sets, 304 stainless steel making
6.	CL-100 type storage barrel	Two		φ 500×950	304 stainless steel making
二	Melt glue system	Melt glue room: Cleanliness is 300,000 grades, 20~26 degrees Centigrade of temperature, relative humidity is 40%~60%. Melt glue pot position layer 4m high (if original factory building height is not enough, can adopt the pressure to force arranging the glue way), melt glue pot needs to build the melt glue platform, which is 1.8m high. Melt glue room has floor drains, steam is discharged and should cause outdoors			
7	RJ-250A(B) type water bath style melt glue pot	One	3	φ 800×1780	Three separate sets, 304 stainless steel making
8	LN-60 type tube style cooling pot	One		φ 400×1750	304 stainless steel making
9	ZRJ-180 type red	One		φ 700×1200	304 stainless steel making



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	copper heat exchanger				
10	SK-0.5 type water ring vacuum pump	One	1.5	380x220x200	
11	Hot water pump	One	0.37		
12	Melt glue electric controlled cupboard	One		500x220x400	
三	Raw materials batching system	Among the batching: 300,000 of cleanliness, user confirm the temperature according to content thing (usually temperature is 22~24 degrees Centigrade, relative humidity <40%~60%. Batching pot position layer 4 meter high, batching pot takes to put up the batching platform, high 1.8m of platform). The batching room has floor drains. The listed equipment here is only for reference.			
13	PL-250 type batching pot	One	1.5	φ 800×1780	Three separate sets, 304 stainless steel making
14	JM-85 type colloidal mill	One	3	800x450x1000	Pump with gear wheel, 304 stainless steel making
四	Dry system	Middle drying room: Temperature requires 18~24 degrees Centigrade, humidity ≤ 25% (users can regulate the craft parameter according to the actual conditions)			
15	DGZL-470 type setting drying tumbler cage	One group	2.8	3000x580x1150	304 stainless steel network hole boards making ,4 associations of every group
五	Cleaning recovery system	The net glue washing and recovery room: Cleanliness is 300,000 grades, 20~26 degrees Centigrade of temperature, relative humidity is 40%~60%. There is floor drain that enters the water; it is getting open that there is cold water.			
16	WH-105 type net glue recovery machine	One	3	1120x540x580	304 stainless steel making
17	SS-600 type centrifugal	One	3	1000x900x800	Anti-blast motor, weight 520kg
choose	CXW-470 type ultrasonic wave washing pill machine	One	1.2	1100x700x1200	
Note: RJWJ-115B type is PLC MMI,					



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