



RG2-110 Soft Capsule Production Line



Model RG2-110 soft-capsule production line is a new generation of rolling-mold water-cooled soft-capsule line optimally designed and finely manufactured on the basis of foreign latest technology.

Its main technical specifications reach the international advanced level and conform to standard GMP.

Model RG2-110 soft-capsule production line consists of the gelatin-melting pot, thermal-insulated gelatin-storage pot, electrical control panel, main machine conveyor, setting-drying rotary-cage, ruptured-gel recovery unit, and colloid mill. It works under the following principles. The oily or gelatin-insoluble liquids, pastes, or plasters (e.g. extract from Chinese Medicine Herbs) are injected into between two rolling gelatin skins in a given quantity, cut, and then formed through two rolling molds into various-shaped soft-capsules, such as egg-shape, fish-shape, cylindrical shape ball-shape and calabash. These products are widely used in many industries such as medicine, cosmetics, health goods and pesticides.

Feature

- The water-cooled models eliminate the dust contamination resulted from the air-cooling.
- In comparison with 6-inch model the optimized rolling-models increase the output by 30%-40% and meanwhile remarkably enhance the utilization ratio of gelatin.
- The gelatin is pneumatically conveyed from the thermal-insulated gelatin-storage pot through the ground, which improves the production environment.
- The food-grade conveyance belt produced by Lexno Corporation (USA) (FDA an approved) is used for conveyance of capsule, which is non-toxic, non-sticky, and easily washable.
- The setting-drying rotary cage is made of stainless steel expanded sheet, which is free of dead corners and easily washable. An oil pan is placed under the rotary cage to ensure a working environment free of oil drops.

- All the electric elements are imported from famous manufacturers and have stable performances.
- In production of low-dosage products, the accompanied 10-station and 14-station injection rod fully utilizes the width of molds and enhances the gelatin-utilization ratio and output.
- The optimal-designed injector extends the range of consistency of medicine solution.
- The improved capsule-peeling unit minimizes the probability of wrapping of the waste gelatin skin onto the gelatin-peeling rod.
- Except that the injector, the spreading box and the rolling-mold conveyance belt are made of special materials, the parts contacting with medicine are made of 304 or 316 superior stainless steel and absolutely conform to standard GMP.

Technical Parameters

Model	RG0.8- I10
Die Roller Speed	0-3.5r/min
Die Roller Dimension	Φ 72 x 110
Single Piston Pump Material Supplied	0-0.8ml
Power Supply	380V 50Hz 0.75Kw 220V 0.75Kw
Noise target	<70dBA
Overall Dimensions	850 x 750 x 1520mm
Net Weight of machine	400kg