

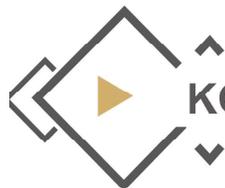


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## KODI YPG Model Pressure Spray Dryer



### ➤ Description

YPG pressure spray dryer is an apparatus that can finish drying and granulating at the same time. The needed ball granule with certain size and ratio can be gotten in accordance with requirements of process to adjust pressure, flow, and size of atomizing hole.

The working of this set is as follows: the liquid of raw material is pumped in through diaphragm pump. The liquid of raw material be atomized into tiny droplets. Then it gathers with hot air and falls off. Most parts of powder material will be collected through the outlet of discharged at the bottom. The wasted air and fine powder will be collected through collector at the bottom of cyclone. At the outlet it can also be equipped with two grades of duster. Its ratio of recovery can be above 99%.

### ➤ Application

1. Chemical Industry: organic catalyst, resin, synthetic washing powder, oils, thiamin, dyestuff, intermediate of dyestuff, white carbon black, graphite, ammonium phosphate and so on.
2. Foodstuff: amino acid and similar substance, flavoring, protein, starch, dairy products, extractive substance from coffee, fish powder, extractive substance from meat and so on.
3. Pharmaceutical: Chinese patent medicines, agrochemicals, antibiotics, medical drinking agent and so on.
4. Ceramics: magnesium oxide, kaoline, all kinds of metallic oxide and so on.
5. Spray Granulation: all kinds of fertilizer, aluminum oxide, ceramics powder, washing powder and so on.





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### > Feature

1. The drying speed is fast. The surface area of liquid raw material after being atomized will be increased greatly. 95-98% of moisture can be evaporated at a moment. The time of drying needs about ten seconds to several tens of seconds. It is suitable for drying heat sensitive material particularly.
2. The finished product is ball granule with uniform size. Its fluidity and solubility are good. The purity of product is high and its quality is good.
3. The scope of application is wide. According to the characteristics of raw material, it can use hot air to dry and can also use cool air to granulate. It has strong adaptability to raw materials.
4. Small atomizing power.
5. Its operation is simple and stable and convenient and is easy to realize automatic operation.

### > Technical Parameters

Model Item		YPG-25	YPG-50	YPG-100	YPG-150	YPG-200	YPG-300	YPG-500	YPG-1000-2000	
Evaporated Capacity (kg/h)		25	50	100	150	200	300	500	The index depends on the practical situation.	
Diaphragm Pump	Power(KW)	0.35	4	7.5	11	15	22	30		
	Pressure (MPa)	It can be adjusted from 0.6 to 5 according to the material experient. In general, the pressure will be between 1 and 3.								
Heating Style		electricity	electricity +steam	electricity +coal fuel (oil) hot air furnace						
Diameter Of Tower Body (mm)		1300	1800	2400	2600	2800	3200	3800		
Total Height Of Equipment (mm)		7800	9200	11600	14000	15300	17100	19000		

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