

Centrifugal Granulator Coater CG-series



Function:

Powder Coating: Binder and powder are sprayed on the tiny granule or sugar to form a bigger pellet. **Suspension Coating:** Mixed the active ingredients with binder into solution, spray solution on the smaller pellet to become a bigger pellet. **Film Coating:** Spray film / enteric coating on the granulated pellet.

Theory:

Place the sugar cores on the turntable. Hot air is blown upward between turntable and granulation area. The air causes the cores to roll, the binder solution is sprayed on the rolling cores through the pump and spray gun, coating and drying simultaneously. If powder coating is required, the fixed volume powder will be sprayed at the same time let solution to coat the powder on the cores, to produce pellet and get coating and drying purpose.

Application:

Pharmaceutical, cosmetic, agriculture, health food or bio-tech products.

Feature:

1. Size of machine is not very big, can be used in powder, film coating. It is suitable and useful of middle-scale factory.
2. Suitable for using aqueous and organic solvent.
3. The variables of manufacture process is adjustable according to customer's requirement.
4. Air volume control is proportional by automatic air gate.
5. PLC auto control system or touch screen interface control for easy operation.
6. Explosion proof system is available for organic solvent process.
7. Optional equipment for different product feature.
 - . Temperature recorder.
 - . CIP auto cleaning system.
 - . Dehumidifier facility.
8. All the design and manufacture are qualified cGMP standard and FDA requirement.

Specification:

Model	Diameter Tank (cm)	Working Batch (kg)	Size (W x L x H) mm
CG-35	35	42767	2500 x 2500 x 2100
CG-75	75	15-30	3000 x 3000 x 2300
CG-100	100	30-50	4000 x 4000 x 2700
CG-125	125	50-100	5000 x 5000 x 3000