

FLUID-BED SPRAY GRANULATOR/DRYER



FUNCTION

1. Drying : drying for powder or granules. Drying time is 10 ~ 20 times faster than conventional dry oven.
2. Granulation: spray binder or active ingredients from the top to the fluidize powder to form granules which enables a good flow and instant ability of granules



APPLICATION

1. Pharmaceutical:

- a. Western medicine: granulating, drying
- b. Chinese medicine: granulating of concentrated liquid, drying

2. Food:

Instant food , Health food, coffee, fruit favored milk powder, instant juice powder, seasoning, jelly powder, pudding powder, food additive

3. Chemical:

- a. Dye, pigment
- b. Semi-conductor raw material



FEATURES

1. Mixing, granulating and drying are in one machine: save space.
2. Even drying, no dead angles, no color changing or difference
3. Adopt top spray theory to achieve even and fast granulation
4. Temperature control: from room temperature to 100°C, it is precise and stable
5. Bag filter lifting is by automatic pneumatic type
6. PLC auto control: easy operation



WORLDWIDE SALES REFERENCE

For over 200 units sold in USA, Canada,
Russia, Middle-East, South-East Asia Areas



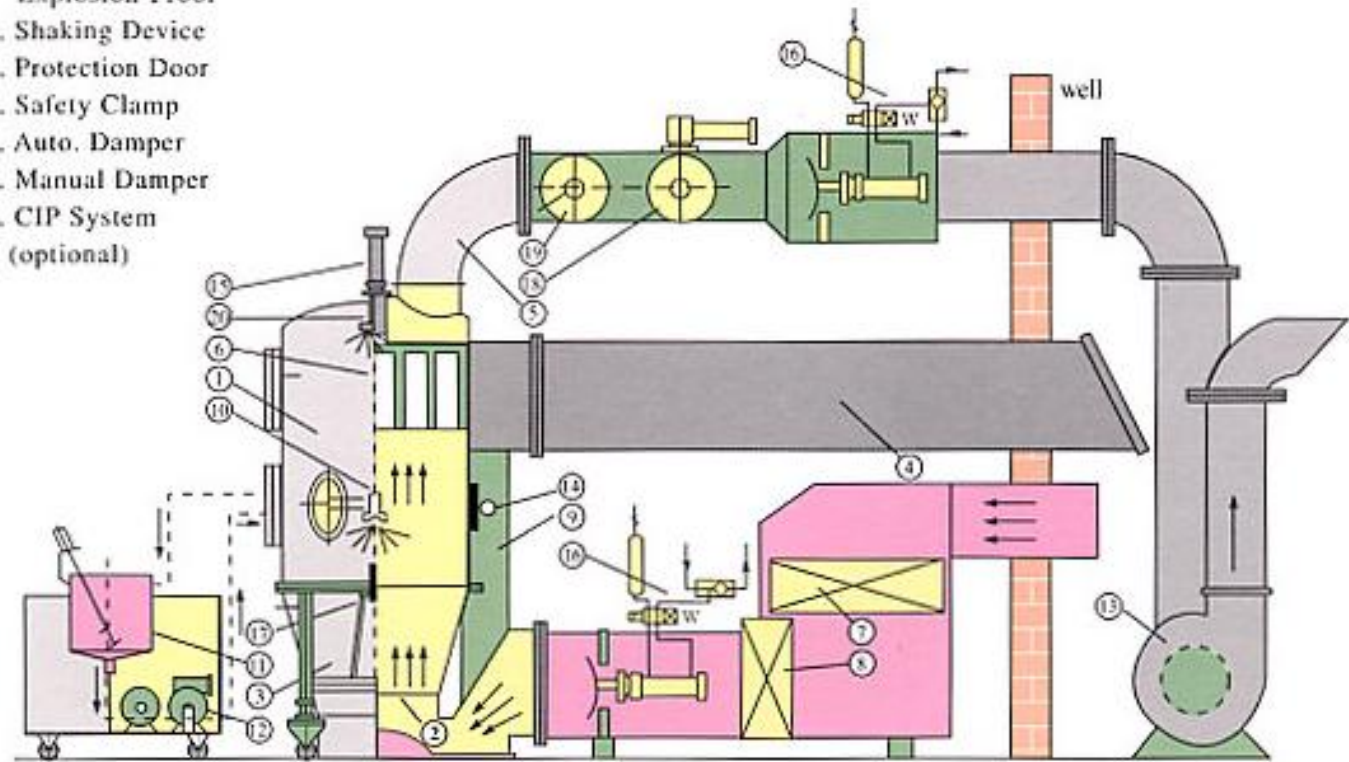
OPTIONAL SYSTEM

1. Explosion proof system:
 - a. Safety relief duct toward top: suitable for one floor plant or room on the top
 - b. Safety relief duct toward back: suitable for room beside outdoor
 - c. 10Bar resistance design
2. WIP - clean in place system
3. Turning and tilting device for easily of discharging granules
4. Temperature recorder
5. Side Spray System.



1. Dryer Chamber
2. Bottom Screen
3. Product Container
4. Explosion Relief Vent
5. Exhaust Duct
6. Bag Filter
7. Heater
8. Final Filter
9. Frame
10. Spray Gun
11. Solution Tank
12. Metering Pump

13. Turbo Blower
14. Pressure Switch For
Explosion-Proof
15. Shaking Device
16. Protection Door
17. Safety Clamp
18. Auto. Damper
19. Manual Damper
20. CIP System
(optional)



Specification FBD:Only For Dryer FBDG:Spray Granulator/Dryer EP-FBD:Explosion Proof Type

Model		YC-FBD-2	YC-FBD-8	YC-FBD-15	YC-FBD-30	YC-FBD-60	YC-FBD-100	YC-FBD-150	YC-FBD-200	YC-FBD-300	YC-FBD-500
Working Capacity (B.D.0.5g/c.c.)	Kgs	0.5~1.5	3~5	10~15	30~40	60~75	90~110	120~150	170~200	250~300	400~500
Volume of Container	L	7	20	52	114	212	335	496	650	970	1600
Room Dimension (LxWxH)	Cm	300X 200X 200	300X 300X 230	350X 300X 250	350X 300X 280	400X 350X 290	450X 400X 330	450X 400X 370	450X 400X 420	600X 500X 460	700X 650X 500

Specifications subject to change without notice

