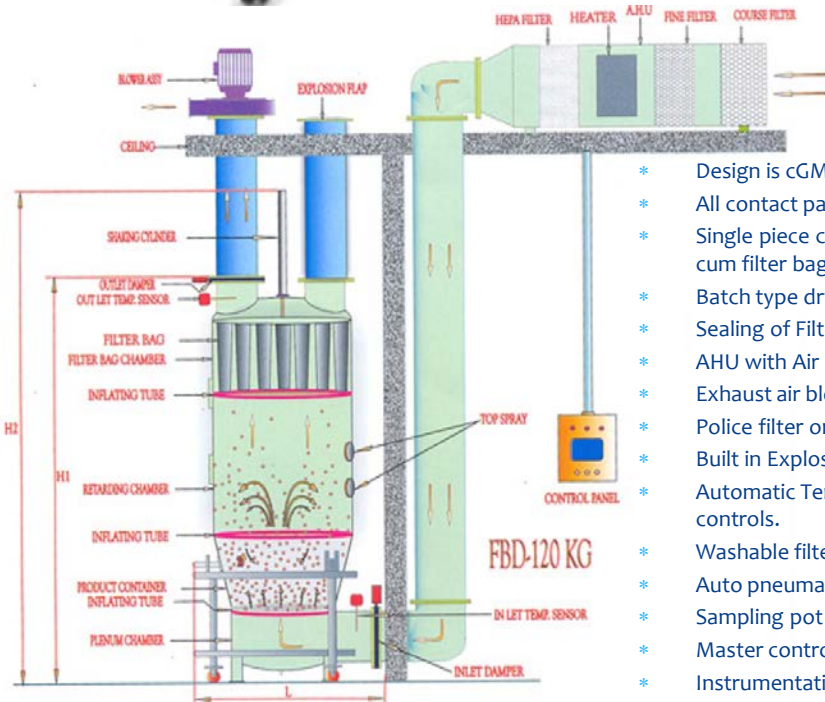


FLUID BED DRYER



SALIENT FEATURE:

- * Design is cGMP - Current Good Manufacturing Practices compliance.
- * All contact parts AISI 316 & non-contact parts AISI 304.
- * Single piece construction with Integrated retarding expansion chamber cum filter bag housing.
- * Batch type dryer with available capacity 10 kg to 500 kg. Batch size
- * Sealing of Filter Bag and Product container by inflatable silicon tube.
- * AHU with Air Filter- Micro, HEPA and Heat Exchanger Steam or Electric.
- * Exhaust air blower with dynamic balance fan.
- * Police filter on exhaust duct.
- * Built in Explosion vents and isolation valve protect equipment.
- * Automatic Temperature controls for Inlet Air and Process cycle time controls.
- * Washable filter media, FDA approved.
- * Auto pneumatic filter bag shacking system.
- * Sampling pot on product container.
- * Master control panel with Electric and Pneumatic compartment.
- * Instrumentation Velocity meter, Differential Pressure Transmitter, Bed Temp. Transmitter, Solid flow monitor for finger bag broken detection.
- * PLC based control panel with Touch screen HMI .

DESCRIPTION	ALPHA-10	ALPHA-30	ALPHA-60	ALPHA-120	ALPHA-200	ALPHA-250
Dryer Capacity (Kg)	10	30	60	120	200	250
Volumw Of Product Container (Ltrs)	35	100	200	400	580	775
Blower Motor (HP)	5	7.5	10	15	20	25
Blower Capacity (CFM)		1000	1500	3000	3500	4000
Heater Load (KW)	18	30	45	60	N.A.	N.A.
Steam Consumption (Kg/hr)	30 KGS	60 KGS	100 KGS	120 KGS	150 KGS	190 KGS
Net Wt. Aprox (Kg)	800	1200	1500	1800	2200	2500

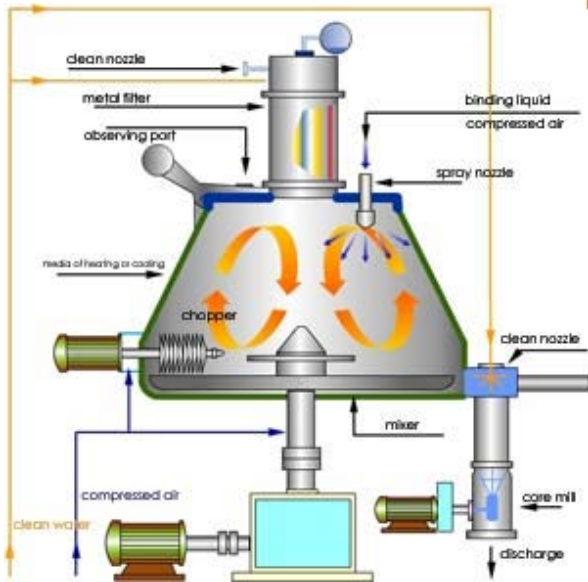
RAPID MIXER GRANULATOR



Chopper Blade



Mixing blade



SALIENT FEATURE:

- * In compliance with cGMP guidelines
- * Modular Design
- * Mixing of substances uniformly and homogeneously with special design Mixer & Chopper blades.
- * Electro-Pneumatic Operated Discharge.
- * Inbuilt WIP system for easy to clean the machine.
- * Fully Automatic Operation through Programmable Logic Controller (optional)
- * Binder addition system (optional)
- * Inline co-mill for uniform granules. (optional)
- * Flameproof Construction (optional)

	ALP-25	ALP-50	ALP-100	ALP-100	ALP-250	ALP-400	ALP-600	ALP-800	ALP-1000
Gross Volume Ltr.	25	50	100	150	250	400	600	800	1000
Working Volume Ltr.*	20	40	80	120	200	320	480	640	800
Mixer Motor (HP)	3/5	5/7.5	7.5/10	10/15	20/25	30/40	40/50	50/60	60/75
Chopper Motor (HP)	1.5/2	2/3	2/3	3/5	3/5	5/7.5	7.5/10	10/15	15/25
Total Power (HP)	7	10.5	13	20	35	47.5	60	75	100

TABLET COATER



SALIENT FEATURE:

- Complies with the highest standard of GMP regulation.
- Automated process. Maintain uniformity of coating.
- Highly efficient spray system with spray guns, controlling the quality of coating of Tablets.
- Flexible batch operations.
- Product protective handling to prevent chipping of tablets.
- Pan cabinet is absolutely air tight and ensures no pollution in production environment.
- Complete separation of production and technical area.
- Excellent mixing and tumbling by special design of baffles.

- Advanced CIP system.
- Treatment of exhaust air for pollution free operation.
- Eliminates manual reference and coater's expertise.
- Auto spray stop in case of disturbance in pan drive to protect tablets or granules from any damage due to system failure.
- Depending on shape, size and pattern of Rolling of Tablets, the spraying angle can be adjusted with the device within the spray gun.
- Easy adjustment device for leveling the cabinet.
- Close compact layout. PLC controller and peristaltic pump fitted with cabinet itself to avoid floor space occupation.
- Dose, pause and drying cycle can be revalidated with the help of PLC.

TECHNICAL SPECIFICATION

Model	AC-18	AC-24	AC-36	AC-48	AC-60
Capacity	1-5Kgs	10 -15Kgs	50-75 Kgs	120-150 Kgs	300 -350Kgs
Pan dia (mm)	455	610	915	1220	1525
Pan RPM	8-30	6-25	3-15	3-15	2-11
Total Electric load (approx)	4.5 Kw	5 Kw	10 Kw	15 Kw	35 Kw