SENIEER

Fuid Bed Processor

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Fluid Bed Processor

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Fluid Bed Processor Feature

- Fluid bed processor design for top spray granulation bottom spray for coating, tangent spray for pellet
- It is simple to observe and adjust the external spray gun
- The design ensures that the coating is homogeneous and round, preventing particle damage
- High permeability and a faster drying rate than a centrifugal coater

- Depending on the procedure, a distribution plate with various air porosity and permeability can be changed
- The spray gun's solution volume can be modified based on the loading capacity
- It's simple to charge and discharge, and it complies with FDA/cGMP guidelines
- Pellet coating is faster than bottom spray spraying and results in less material waste

Fluid Bed Processor Function

- For drying, granulating, coating and pellet, a fluid bed processor is the most efficient option
- The idea of the fluid bed processor enables an incredibly rapid, soft, and uniform drying
- As a result, fluid bed dryers are frequently used in combination with granulators
- The Fluid bed dryer or Fluidized bed dryer becomes a granulator when a nozzle is attached
- Fluid Bed Granulates have a high degree of homogeneity
- Different factors can be used to regulate the granulate type across a wide range
- All parameters of the procedure and the Wurster coating process can be recorded and printed for study
- The operating idea of fluid bed processor allows you to dry, granulate, or coat particles all in one machine
- Fluid Bed Processor's unique technology allows top-spray fluid bed processor systems to be converted to bottom-spray fluid bed processor systems in only a few minutes. With just one product container, one can spray the top, bottom and tangent

our superior

Fluid Bed

Processor PRODUCT

Fluid Bed Processor Advantage

- Easy handling and easy to clean
- Gentle drying
- Granulation
- Drug layering and coating for pellets
- Direct pelletizing

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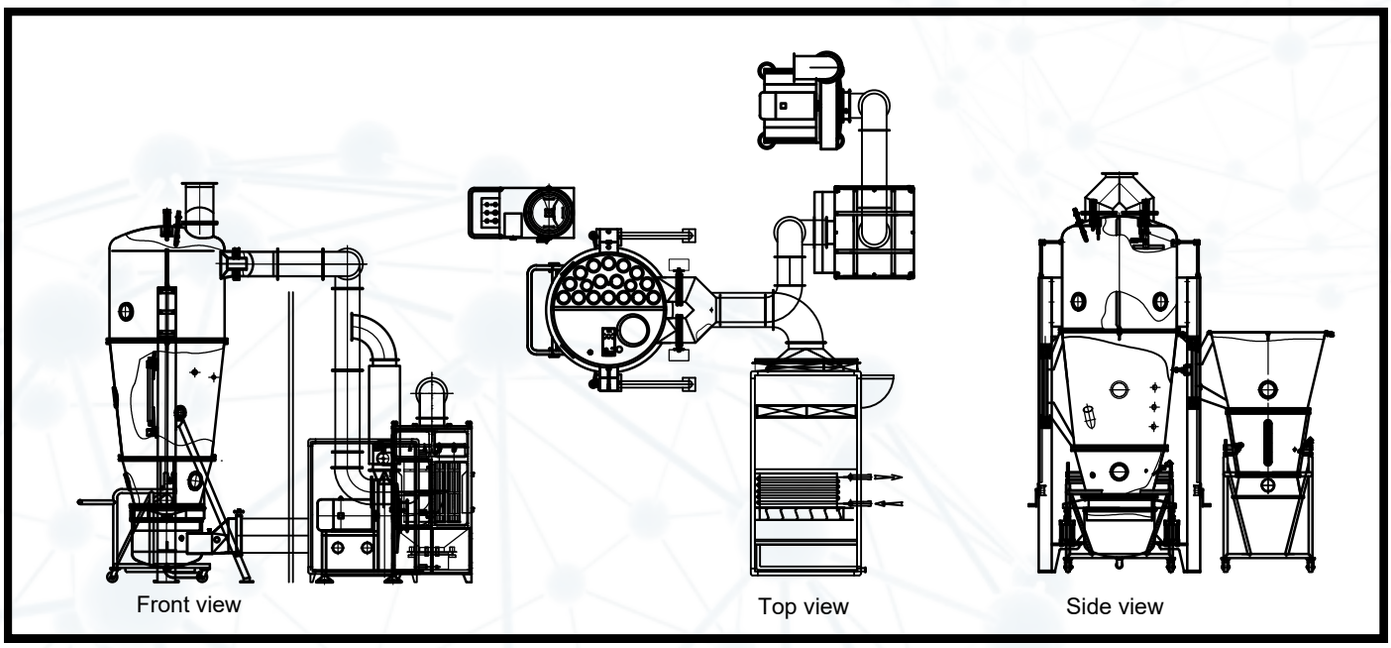
Fluid Bed Processor PRODUCT

Fluid Bed Processor Application

- Pharmaceutical Industry
- Cosmetics Industry
- Health Food Industry
- Chemical Industry



Fluid Bed Processor Specification

Technical parameters

Model		FBM-10	FBM-25	FBM-50	FBM-75	FBM-100	FBM-200	FBM-300	FBM-400
Production capacity(kg/b)	Top spray	4	10	16	28	50	80	120	200
	Bottom spray	3	7	14	24	34	65	88	180
	Tangent spray	4	8	16	26	36	50	70	125
Volume of fluid bed (L)	Top spray	10	25	50	75	100	200	300	400
	Bottom spray	8	17	30	60	80	150	280	390
	Tangent spray	8	18	35	65	90	170	250	400
Steam	Consumption(kg/h)	20	50	85	110	200	230	260	292
	Pressure (Mpa)	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
Fan power(kw)		4	5.5	7.5	11	15	18.5	22	30
Compressed air	Consumption(m^3/min)	0.3	0.5	0.6	0.7	0.8	0.8	0.9	0.9
	Pressure (Mpa)	0.4-0.6							
Working temperature(°C)		Automatic adjustment under the set temperature from normal teamparture to120°C							
Material yield rate (%)		≧99							
Equipment noise (dB)		⩽70							