

P harma IBC Blending System

HZD Series



Pharma IBC Blending System

HSD series Pharma IBC Blending System can automatically complete lifting, clamping, mixing and descending tasks and can be matched with different specification pharma bins to satisfy large batch and various mixing. It is considered as ideal mixing equipment in pharmaceutical factory and widely used in pharmaceutical, chemical and foodstuff industries.



Principle:

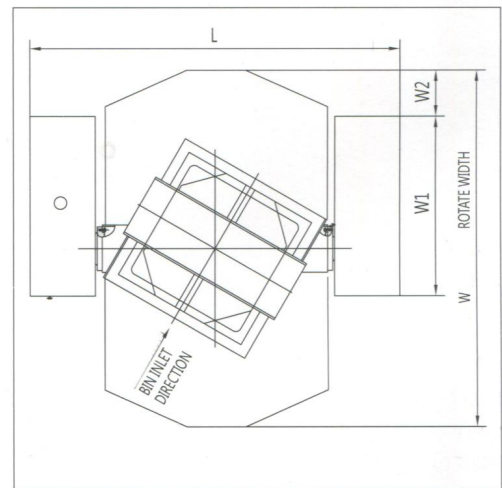
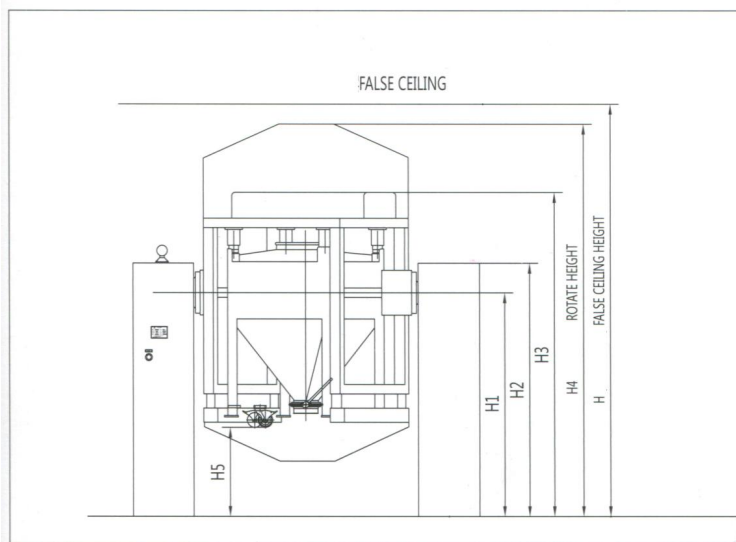
HSD series Bin Blender consists of shelf, rotary frame, driving system, lifting system, braking system and PLC control system, etc. To start to work, put the bin into the rotary frame, and press the confirmation button on the touch screen. The bin is then lifted to the required height and clamped. The driving system starts to work and mix according to time and speed assigned in advance after the pressure sensors receive signal of tightly clamped. Reaching to the parameters assigned, the braking system starts to work and the rotary frame stops vertically. The mixing craft is over. The lifting system then works accordingly to lay down the bin. Pull the bin out from the rotary frame (can also separate materials from the bin directly in the frame) and the printer types the entire craft data. The working cycle finishes. The structure trait of HSD series Bin Blender is that the rotary frame (bin) and the mixing axis make of an angle, the movement of the materials inside the bin contains not only overturn, but tangent movement along the wall of bin. This gains it a perfect mixing efficiency effect.

Features:

- Human/machine/product safety.
- High efficiency mixing less mixing time
- Broader capacity range.
- Easy changing batch size.
- Easy operation.
- High automation.
- Efficient blending.
- Detachable bin design for various batch size application.
- Easy cleaning.



Dimensions:



Technical Data	HZD1000	HZD1200	HZD1500	HZD1800	HZD2000	HZD3000
L	3330	3330	3500	3500	3500	4300
W	3040	3140	3300	3460	3580	4150
W1	1440	1440	1550	1550	1550	1550
W2	461	511	508	588	648	650
H	3700	3700	4000	4000	4200	4500
H1	1900	1900	2050	2130	2200	2270
H2	2150	2150	2300	2380	2450	2450
H3	2800	2898	3113	3241	3435	3435
H4	3420	3470	3700	3860	3990	4275
H5	740	688	723	741	740	740
Blending Speed(rpm)	3-15	3-15	3-15	3-15	3-15	2-12
Max Bin Volume(L)	1000	1200	1500	1800	2000	3000
Loading Volume(L)	800	960	1200	1440	1600	2400
Loading Weight(Kg)	500	600	750	900	1000	1500
Total Power(kW)	8.5	8.5	10.5	11.5	11.5	11
Total Weight(Kg)	3000	3200	3600	4000	4200	5500

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