

# 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:**

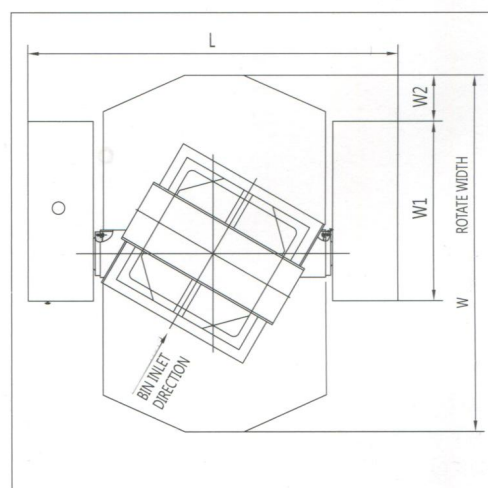
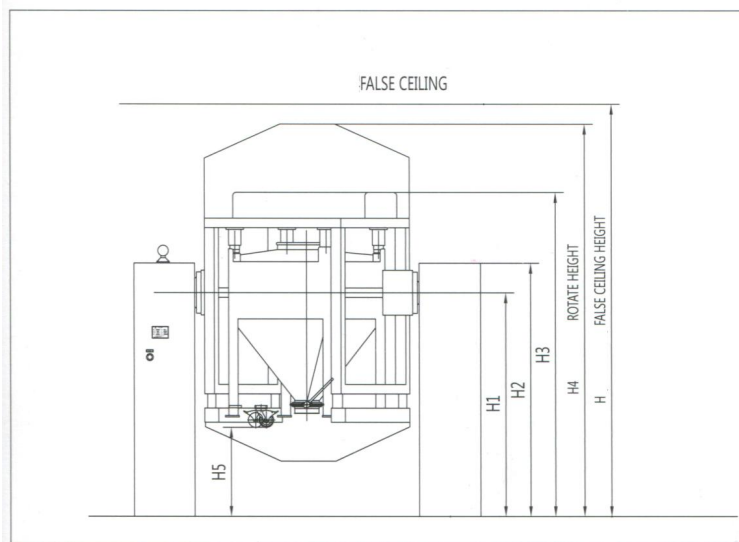
HSD series Bin Blender consists of shelf, rotary frame, driving system, lifting system, braking system and PLC control system, etc. To start to work, put the bin into the rotary frame, and press the confirmation button on the touch screen. The bin is then lifted to the required height and clamped. The 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	HZD300	HZD400	HZD600	HZD800	HZD1000	HZD1200	HZD1500	HZD1800	HZD2000
L	2500	2500	2950	2950	3330	3330	3500	3500	3500
W	2410	2410	2700	2860	3040	3140	3300	3460	3580
W1	1100	1100	1440	1440	1440	1440	1550	1550	1550
W2	469	469	291	371	461	511	508	588	648
H	3000	3000	3300	3500	3700	3700	4000	4000	4200
H1	1620	1620	1800	1900	1900	1900	2050	2130	2200
H2	1850	1850	2030	2150	2150	2150	2300	2380	2450
H3	2360	2360	2573	2750	2800	2898	3113	3241	3435
H4	2825	2825	3150	3330	3420	3470	3700	3860	3990
H5	610	610	753	755	740	688	723	741	740
Blending Speed(rpm)	3-20	3-20	3-20	3-20	3-15	3-15	3-15	3-15	3-15
Max Bin Volume(L)	300	400	600	800	1000	1200	1500	1800	2000
Loading Volume(L)	240	320	480	640	800	960	1200	1440	1600
Loading Weight(Kg)	150	200	300	400	500	600	750	900	1000
Total Power(kW)	4.75	4.75	7	7	8.5	8.5	10.5	11.5	11.5
Total Weight(Kg)	1800	1800	2500	2500	3000	3200	3600	4000	4200

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