HZD400-2000

HZD Pharma IBC Blending System

Usage：

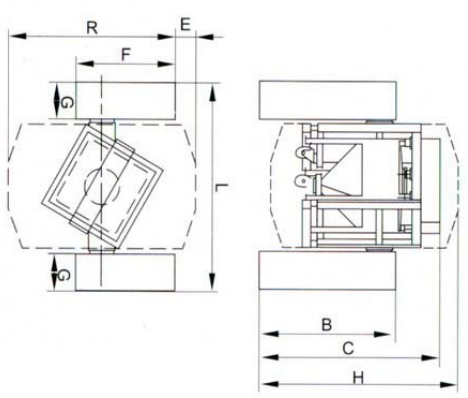
HZD series Bin Blender can automatically finish the whole process of clamping, lifting, mixing and falling, etc. Equipped with one set of HZD series Bin Blender and applying some different models of bins, pharmaceutical enterprises can satisfy with the mixing demands of large output and diversity products. It's the desirable final mixing equipment for pharmaceutical factories. Meanwhile, it can be widely used in such areas as raw medicine material industry, chemical industry, foodstuff industry, etc.

Principle：

HZD 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 sys tem 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 HZD 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：

HZD series Bin Blender is the brand-new successfully type by our company widely researching, absorbing and digesting foreign updated models. It has compact structure, steady performance and is convenient to operate. It can adapt to the mixing demand of large output and diversity products. And the working efficiency is improved. There is no dead angle, no concave-convex face and no screw on surface. All angles are cambered. The surface outside and inside is polished to high quality. Roughness degree inside is Ra≤0.2μm,and outside is Ra≤0.4μm.Applying sealing appliance made of silicon latex on the cover of the bin to gain a good airproof quality. It's easy to wash. The mixing efficiency reaches to 99%, and charging coefficient ranges from50%to 80%.Applying infrared appliances to gain an isolated working area, and butterfly valve against wrong way operation, controlled by PLC control system. This makes a sure safe operation. All the crafts are finished in the same container to avoid the frequent charging, shifting and transferring. This has avoided dust and cross pollution and materials layering, optimized the producing flow. It's in conformity with the GMP requirements.



Main Technical Specifications	HZD-400	HZD-600	HZD-800	HZD-1000	HZD-1200	HZD-1500	HZD-1800	HZD-2000
B	1820	1900	2050	2070	2180	2180	2220	2350
C	2410	2540	2710	2760	2940	3050	3180	3420
H	2810	2980	3210	3350	3500	3560	3620	3860
L.	2470	2940	2940	3310	3310	3500	3500	3500
E	460	210	350	470	510	480	500	620
R	1950	2330	2470	2590	2630	2780	2800	2900
F	1100	1440	1440	1440	1440	1550	1550	1550
G	420	520	520	520	520	600	600	600
Volume(L)	400	600	800	1000	1200	1500	1800	2000
Power(Kw)	4	5.5	5.5	5.5	5.5	7.5	7.5	7.5
Weight(Kg)	1800	2500	2800	3000	3200	3700	4000	4200

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