

HFD Series Bin Blender



HFD Series Bin Blender (hereinafter called "this machine") is ideal for powder and granules mixing applications in pharmaceutical industry with high mixing efficiency and without cross contamination and dust. Thus, the machine can satisfy strict batch control and comply entirely with GMP requirements for medicine production.

This machine can catch several kinds and different sizes of bins, which lifting, clamping, mixing, descending and clamp losing full automatically. One main machine can be configured with various bin specifications, thus it's the ideal blender for general mixing in pharmaceutical plant, meanwhile, widely used in chemical, light and food industries, etc.

Features

1. This machine is novel in design and has compact structure and nice appearance. The evenness of mixing achieves above 99% and the volume charge coefficient reaches 0.8.
2. Low rotating height, smooth running, reliable performance and easy operation.
3. Mirror polish for the inner and outer surfaces of the bin without dead corner, easy to unload and clean with no cross contamination, which conforms to the requirement of GMP.
4. The system controlled by PLC, sensor of photoelectric position control, and drive system which composed of motors, thus, can control the mixing time and unloading position. And when machine stopped, the discharge port will at the best position for unloading.
5. The locking clamp structure of loading cover bolt is easy for disassembly, cleaning and well sealing, and no leakage found in testing fill with water cover 80% of total volume.
6. Silicon soft connecting is used for connecting between inlet/outlet of the bin and other equipment, thereby, avoids flying dust.

7. The patented discharge butterfly valve is easy for disassembly, operation and cleaning with well sealing, and no leakage found in testing fill with water cover 80% of total volume. It has been used on thousands of blenders and well received by customers.
8. Overload alarm, with isolating fence, alarm lamp and buzzer.
9. Function of data printing.

Technical Data

Model	HFD-400	HFD-800	HFD-1000
Max.volume of hopper(L)	400	800	1000
Max.charge Volume(L)	320	640	800
Max.charge Weight	200	400	500
Total power of motor(kw)	4.75	7	8
Front width*rotate depth*rotate height(mm)	2630*2220*2550	2960*2557*3030	3150*3030*3350
Weight	1800	2600	3020
Model	HFD-1500	HFD-2000	
Max.volume of hopper(L)	1500	2000	
Max.charge Volume(L)	1200	1600	
Max.charge Weight	750	1000	
Total power of motor(kw)	10.5	11.5	
Front width*rotate depth*rotate height(mm)	3260*3200*3650	3500*3550*3950	
Weight	3750	4250	