

Single Column Lifting Bin Blender



Application

The single-column lifting bin blender is widely used for mixing different components of powders with powders, powders with granules and granules with granules in the production procedure in the pharmaceutical industry. The machine is provided with such functions as automatic lifting, mixing, falling, etc. It can be equipped with various specifications of bins for mixing operation. It is suitable for mixing materials of different varieties and different batches in large and medium-size pharmaceutical enterprises according to process requirements. Multiple purposes can be realized in one machine.

Features

- ▲ Single column, saving space, with compact structure, stable and reliable operation
- ▲ With interchangeable mixing bins of different volume for various capacity, improving the efficiency, avoiding cross contamination
- ▲ Can customize round mixing bin, with optional mixing chopper and plates
- ▲ The mixing uniformity is over 99%, the loading coefficient is 0.8 and the bin is easy to clean, no dead corner
- ▲ Meet GMP requirements
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

Item		Model		HLT-100		HLT-200		HLT-300		HLT-400		HLT-600		HLT-800		HLT-1000		HLT-1200		HLT-1500		HLT-2000	
Lifting type		Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric	Hydraulic	Electric
Bin volume (L)		100		200		300		400		600		800		1000		1200		1500		2000			
Loading coefficient		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8		0.3-0.8			
Max. loading weight (kg)		50		100		150		600		300		400		500		600		750		1000			
Total power (kW)		5.2		6		6		6		7		7		7		8.5		8.5		8.5			
Rotation speed (rpm)		3-20		3-20		3-20		3-15		3-15		3-15		3-12		3-10		3-10		3-8			
Weight (kg)		1000		1200		1400		1600		1800		2000		2200		2400		2600		2800			
Dimension (mm) L*W*H	Hydraulic	2550*740*2525		2830*740*2625		2870*740*2725		3000*740*2775		3330*740*2825		2875*740*2875		3430*740*2925		3100*900*3100		3740*900*3200		3910*900*3200			
	Electric	2550*740*2850		2830*740*2850		2900*740*2900		2900*740*2900		3330*740*3000		3380*740*3050		3430*820*3050									

Note: The referenced bulk density is 0.625g/cm³. The loading coefficient is 0.3 - 0.8, Calculated based on the maximum volume during the production process. Our company can customize products according to user requirements.