



HF-series High Efficient Rapid Pharmaceutical Mixing Machine



Researched and developed according to the features of various types of mixers, the square cone mixer is a mixer with very wide application. It fully meets GMP requirements and other relevant industry standards. It is especially suitable for processes of products with relatively simplex varieties and relatively large batches, such as the mixing of solid preparations in such industries as medicine, food, dairy products, chemical reagents, etc.

Work principle

The materials enter the mixing barrel through manual feeding, vacuum feeding, floor material dropping or special lifting machine. As the symmetrical axis of the hopper forms an included angle with the rotation axis, different components of materials will make three-dimensional movement in the closed hopper, producing strong turning, diffusing and shrinking actions and achieving the best mixing effect.

Features

With novel design, compact structure and beautiful appearance, the machine can reach mixing evenness of 99% and volume loading coefficient of 0.8. It has such features as high rotation height, stable running, reliable performance and convenient operation. The inner and outer walls of the barrel are subject to mirror polishing with easy discharging and easy cleaning and without any dead corners and cross contamination, meeting GMP requirements.

Technical Parameter

Item	Model	HF500	HF800	HF1000	HF1200	HF1500	HF2000	HF3000
Volume(L)		500	800	1000	1200	1500	2000	3000
Net load(kg)		250	400	500	600	750	1000	1500
Rotation speed(rpm)		2-20	2-16	2-16	2-12	2-12	2-12	2-8
Motor Power (KW)		2.2	4.0	4.0	5.5	5.5	7.5	11.0
Outline dimensions	H	2298	2462	2573	2980	3079	3248	3317
	H1	2200	2300	2400	2598	2598	2723	2719
	H2	1415	1496	1543	1898	1898	1984	1919
	H3	781	700	800	1090	981	947	800
	L	2210	2975	3018	3479	3618	3869	4120
	L1	400	610	750	780	780	800	800
	W	1200	1416	1416	1650	1650	1800	1600