

FZH Series Square-Cone Mixer



Materials are charged into a closed square-cone mixing barrel, the symmetrical axes of hopper and the axes of rotating shaft form an included angle, materials with different constituents are strenuously rolling over in the closed hopper and producing high shear to achieve the best effect of mixing.

Features

The whole machine features novel design, compact structure, and good appearance, the evenness of mixing reaches 99%, and the volume charge coefficient reaches 0.8. Low rotating height, smooth running, reliable performance, easy operation. Highly polished inner and outer surfaces of the barrel, no dead corner, easy to discharge materials, easy to clear, no cross contamination. Confining to the requirement of GMP.

Parameter

Item \ Spec	FZH-300	FZH-500	FZH-1000	FZH-1500	FZH-2000	FZH-3000	
total volume (L)	300	500	1000	1500	2000	3000	
charge volume (L)	210	350	700	1050	1400	2100	
charge weight (kg)	150	250	500	750	1000	1500	
rotation speed of	14	13	12	10	8	6	
motor power (kW)	1.5	2.2	4	5.5	7.5	11	
inlet diameter (mm)	380	380	560	560	560	560	
outlet diameter (mm)	200	200	200	200	200	200	
overall dimensions (mm)	(L)	1850	2200	2800	2915	3160	3800
	(W)	1280	1550	2000	2300	2500	3200
	(H)	1970	2260	2850	2950	3200	3850
weight(kg)	500	700	1000	1500	2000	3000	