



ZHEJIANG FUTURE MACHINERY CO.,LTD.

HLSG-10 High Shear Mixer Granulator



With PLC Full-computer Automatic Control produced by German Siemens Co., this system has friendly man-machine interface, screen cue operation and graphic parameters. Data can be input by simple touch keyboard.

Technological parameters can be automatically memorized, so you only need to touch the Menu Key for the next production.

Control System

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High Shear Mixer Granulator Features:

1. HMI screen cue, Siemens PLC control.
2. Solid and round grain, with uniform grain size and high product yield offer you with the best recovery.
3. Mixing and granulation are finished in one step, the efficiency is increased by 4 to 5 times.
4. Automatic discharge.
5. Smaller floor space requirement, and short cleaning time.
6. Save 15-25% dosages of adhesive and shorten drying time.
7. Totally closed production complied with GMP.
8. It can still obtain good effect when specific weight difference between main medicine, subsidiary medicine auxiliary materials are greater.

9. Jacket-kettle can be used to heat or cool the materials.
10. Spraying feature is designed to solve the problem of extract powder granulation.
11. Low noise < 72 db
12. Space between kettle bottom and blade is small (0.3~ 1mm) to avoid deposit in kettle bottom completely.

Main Technical Variables

Item	单位 Unit	HLSG-10	HLSG-50	HLSG-200	HLSG-600
Total Volume	L	15	70	300	600
Operating Volume	L	2-10	10-45	50-180	100-450
Feeding Quantity	kg	1-5	6-25	40-100	80-200
Impeller speed	rpm	50-720	25-550	6-230	5-160
Motor Power	kw	2.2	5.5	15	22
Rotating Speed of cutter	rpm	300-2850	300-2850	300-2850	150-1440
Motor Power	kw	0.75	2.2	5.5	7.5
Overall Dimensions	mm	1050X500X1300	1700X730X1650	2115X1615X2350	2700X1565X2235
Weight of Machine	kg	165	500	1500	2500
Control Cabinet	kg	--	--	150	200