

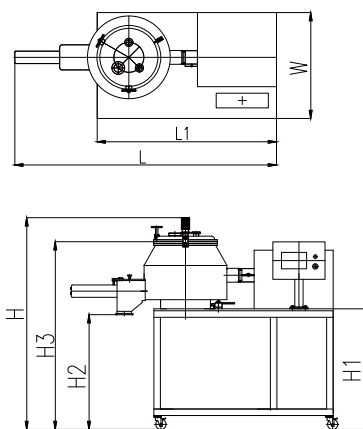
Lab Rapid Mixer Granulator

Application

The machine is mainly suitable for small batch granulation process in the R&D. The powder material and the binder are mixing at high speed by the mixing impeller inside the granulating pot, and then cutting into uniform wet granules by the side high speed chopper. The purpose of the granules is one of the process equipment commonly used in the production of solid preparations in the pharmaceutical industry, and is widely used in the pharmaceutical, food, chemical and other industries.

Features

- ▲ Movable with heavy duty wheels, with brake
- ▲ Compact structure and space saving
- ▲ Good reproducibility and safety interlocking system
- ▲ With interchangeable granulating pots for different capacity
- ▲ Can optionally with transparent glass pot lid for better viewing
- ▲ Fully meet FDA, CGMP, GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

Item	Model	SHLS-1	SHLS-3	SHLS-6	SHLS-10	SHLS-15	SHLS-25	SHLS-50
Effective volume (L)		1	3	6	10	15	25	50
Working volume (L)		0.4-0.8	1.2-2.4	2.4-4.8	4-8	6-12	10-20	20-40
Feeding quantity (kg/batch)		0.2-0.4	0.6-1.2	1.2-2.4	2-4	3-6	5-10	10-20
Total power (kW)		1.85	1.85	1.85	2.6	6.2	6.2	6.2
Mixing impeller rotation speed (rpm)		25-400	25-400	25-400	25-400	15-220	15-220	15-220
Granulating chopper rotation speed (rpm)		300-2800	300-2800	300-2800	300-2800	300-2800	300-2800	300-2800
Compressed air consumption (m ³ /min)		0.1	0.1	0.1	0.1	0.3	0.3	0.3
Compressed air pressure (MPa)		0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Weight (kg)		220	250	270	300	400	430	450
Dimension (mm) L*W*H		1375*700*1100	1400*700*1110	1425*700*1120	1450*700*1140	1530*750*1250	1580*750*1300	1630*750*1600

Note: The referenced bulk density is 0.5g/cm³. The loading coefficient is 0.4 - 0.8, calculated based on the maximum volume during the production process. Our company can customize products according to user requirements.