

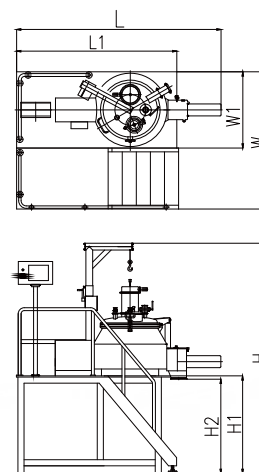
Rapid Mixer Granulator

Application

It has many functions such as mixing, granulating, etc. It has been widely used in pharmaceutical, food, chemical industry, etc.

Features

- ▲ Lower working platform, mainly suitable for lower room height
- ▲ Compact structure
- ▲ Tangential impeller
- ▲ WIP system
- ▲ Good reproducibility
- ▲ Can connect with fluid bed dryer to form a fully closed granulating production line
- ▲ Fully meet FDA, CGMP, GMP
- ▲ Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

Item	Model	SHL-100	SHL-150	SHL-200	SHL-300	SHL-400	SHL-500	SHL-600	SHL-800	SHL-1000
Effective volume (L)		100	150	200	300	400	500	600	800	1000
Working volume (L)		40-80	60-120	80-160	120-240	160-320	200-400	240-480	320-640	400-800
Feeding quantity (kg/batch)		20-40	30-60	40-80	60-120	80-160	100-200	120-240	160-320	200-400
Total power (kW)		17.2	22.7	30.5	41.5	41.5	50	58	71.5	71.5
Mixing impeller rotation speed (rpm)		15-200	15-200	15-200	15-200	15-200	15-170	15-170	15-150	10-120
Granulating chopper rotation speed (rpm)		300-2800	300-2800	300-2800	300-2800	300-2800	300-2800	300-2800	300-2800	300-2800
Wet co-mill rotation speed (rpm)		300-900	300-900	300-900	300-900	300-900	300-900	300-900	300-900	300-900
Compressed air consumption (m3/min)		0.4	0.4	0.6	0.6	0.6	1	1	1	1
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	0.6-0.8	0.6-0.8
Weight (kg)		1200	1500	1800	2000	2200	2500	3000	3500	4000
Dimension (mm) L*W*H		2200*2300*2600	2365*2400*2600	2580*2400*3050	2580*2600*3050	2605*2600*3050	2780*2800*3050	2780*2800*3050	2980*2900*3250	3180*3100*3350

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.