

## *LM Series Super Mixing Granulating Machine*



High-efficiency wet mixing granulator is a new generation of granulating equipment recently developed by our company, which can finish the procedures of mixing, wetting, granulating one time, with effective granulation, in compliance with GMP standard.

This machine collects the light source, power supply and pneumatic source in one. It employs several advanced techniques such as Siemens PLC control, human machine interface, touch screen display, stepless frequency converter, photo-electricity monitor and control. At the same time, we add our creative designs of adhesive feeding device in different ways such as dripping, automatic safety protection device, jacket heating and temperature control system into this machine. Therefore, it gets such advantages as multiple functions, high automatic degree, saved usage of adhesive, short time for granulating, high-quality of finished granules. This machine can mix different kinds of powders or paste materials and make them into small solid granules with uniform size and high pelletized ratio, which is suitable for mixing granulation in such industries as pharmacy, food, chemicals and metallurgy, especially for the mixing granulation of Chinese medical extract or herbal powder, solving the technical problem of turning the Chinese herbal medicine into patent medicine. After putting into market, the reflection from user is good.

## Technical Parameter

Model	LM10	LM50	LM100	LM200
Total Volume(L)	10	50	100	200
Working Volume(L)	2-6	12-36	25-70	50-150
Capacity(kg,0.5g/cm <sup>3</sup> )	1-3	6-18	12-35	25-75
Max Inner Diameter(mm)	300	498	628	788
Stirring Speed(rpm)	50-500	50-500	30-360	30-260
Stirring Motor Power(kw)	2.2	5.5	7.5	15
Cutting Speed(rpm)	50-3000			
Cutting Motor Power(kw)	0.75	1.5	3	4
Height of Discharge Port (mm)	700	725	750	730
Overall Size(mm)	1500x570x1350	2100x830x1550	2100x910x1700	2800x1400x2100
Weight(kg)	260	420	760	1200

Model	LM300	LM400	LM600
Total Volume(L)	300	400	600
Working Volume(L)	60-220	100-280	150-420
Capacity(kg,0.5g/cm <sup>3</sup> )	30-110	50-140	75-210
Max Inner Diameter(mm)	988	988	1150
Stirring Speed(rpm)	20-300	20-200	20-200
Stirring Motor Power(kw)	22	22	30
Cutting Speed(rpm)	50-3000		
Cutting Motor Power(kw)	7.5	7.5	11
Height of Discharge Port (mm)	1000	1000	1160
Overall Size(mm)	2700x1760x2220	2700x1760x2320	3300x2300x2550
Weight(kg)	1600	1650	3000