

## *Per Batch Granulating Machine BSSF-50/100/200/300/400/600*



The high-efficiency Foodstuff Mixing Granulator is a special equipment for wet mixing and granulating powder, starch, adhesives, etc. in the production of tablets in the pharmaceutical industry. It is also suitable for mixing and granulating powdery materials in food, chemical and other industries.

### **Working Method Of Pharmaceutical Mixing Granulator:**

The powder is stirred, the stirring blade is at a set speed, and then the binder is added to the charging device to make it and the material fall to the damp, shred the soft matter in a short time, and then reduce the high-speed rotating cutter to make it into particles that meet the requirements. Finally, open the discharge port and let it automatically discharge the sleeve tank.

### **Features Of Pharmaceutical Mixing Granulator:**

1. The main cylinder adopts the conical tangent structure, which is conducive to the rolling of materials. The geometric angle between impeller and granulator is reasonable, which ensures the best mixing and granulating effect.
2. PLC control human-machine interface, automatic adjustment control according to the program, high degree of automation, convenient operation.
3. The mixing paddle and cutter adopt frequency conversion speed regulation, the speed can be adjusted at will, which can meet the granulation requirements of different varieties.
4. The whole process of dry mixing and wet mixing granulation is completed in the same closed container. Compared with the traditional process, the amount of adhesive is reduced by 25%, and the drying time is shortened.
5. There is no dead angle between V-shaped pelletizing knife and knife, which improves pelletizing rate and pelletizing rate.

**Technical data:**

<b>Model</b>	<b>BSSF-50</b>	<b>BSSF-100</b>	<b>BSSF-200</b>	<b>BSSF-300</b>	<b>BSSF-400</b>	<b>BSSF-600</b>
Total volume (L)	50	100	200	300	400	600
Working volume (L)	12-36	25-70	50-150	60-220	100-280	150-400
Feeding quantity (kg) The specific gravity of the powder is 0.5g/cm <sup>3</sup>	6-18	12-35	25-75	30-110	50-140	75-200
Stirrer speed (R.P.M)	50-500	30-360	30-260	20-200	20-200	20-200
Mixing power (KW)	5.5	7.5	15	22	22	30
Cutting knife speed(R.P.M)	50-3000					
Cutting power (KW)	1.5	3	4	7.5	7.5	11