

Granulating Speed Industrial Flour Mixing Machine BSSF-50/100/200/300/400/600



Our BSSF High Speed Mixing Granulator can be Applied in trades such as pharmaceutical trade, chemical trade as well as food trade etc, more exactly shown as follow: Mixing of powder and powder, Granulation of powder and bond.

Working Method Of Grinding And Mixing Granulator:

1. The process consists of two programs including mixing and granulating.
2. Powder metrical can be charged into the material pan from the conical hopper and continue to rotate in the container under the action of mixing blade once the hopper is closed. In the meanwhile, all materials grow up the shape of liquid bridge under continuous effects of conical tank wall. Under the action of extrusion, friction as well as crumb by blade and conical tank wall, all material is gradually turn for loosen. At last, while opening the hoper outlet, waterish particles are pushed off under the centrifugal effects of blade.
3. These soft particles are formed not dependent on forced extrusion effects, more exactly; mainly these small and uniform particles are formed after continuous cutting under the simile-liquid state. In all, this machine can realize the mutual transformation between different materials.

Features:

- 1) With consistent programmed technology (man-machine interface if option selected) , the machine can get assured of stability in quality, as well as easy manual operation for convenience of technological parameter and flow progress.
- 2) Adopt frequency speed adjustment to control the stirring blade and cutter, easy to control the size of particle.

- 3) With the rotating shaft hermetically filled with air, it can prevent all dust from compact.
- 4) With a structure of conical hopper tank, all material can be in uniform rotation. The tank is laid with an interlayer on the bottom, in which water cooling circulation system featuring higher thermostatic performance than air cooling system is furnished, which leads to improve the quality of particles.
- 5) With automatic lifting of the pan cover, the tank outlet matching with drying device, self-equipped arm-ladder, it is easy to operate.
- 6) Mouth of material outlet has changed into arc-shaped, avoiding up dead spaces.

Technical Data:

Model	BSSF-50	BSSF-100	BSSF-200	BSSF-300	BSSF-400	BSSF-600
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 ³	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