

## *Chilli Powder Making Machine BSG-300/400/500/600/700*



BSG series self-priming grinders are widely used in food, chemical, coating, medicine and other industries. In the food field, it can grind cooked soybeans, sugar, salt, cinnamon, pepper, garlic, ginger, rice, tea, etc.

Connected with cooling fan, it can grind materials with high oil content.

### **Working method:**

The product enters the grinding chamber through the hopper. In a high-speed rotating surface grinder / under the impact of a hammer, the appliance is thrown into a fixed ring gear and then cut back. At the same time, under the impact, cutting and friction of the disc, the material is fine. Under the negative pressure of the fan and impeller, the powder is absorbed into the cyclone separator and discharged through filters and pipes. The pulse dust collector may also collect some thin dust.

### **Main Features:**

- 1) The grinding room is equipped with water cooling system to effectively avoid damage to your product caused by excessive temperature during grinding.
- 2) With the unique impeller design, the air flow generated in the grinding process will bring the final powder product out of the grinding chamber together with the hot air. No debris / jam.
- 3) The screen is made of high-quality stainless steel. Special design. When you need a powder and another sieve, you can easily change the sieve.
- 4) Excellent cyclone powder removal system, automatic rotating powder removal motor and powder removal device, uniform powder removal, stable powder and dust-free flight.

5) The machine is also equipped with a dust removal system to collect the fine powder inevitably generated in the grinding process into the dust collector, so as to make the automatic rotation of the final dust removal device more uniform.

6) All stainless steel structure, in line with GMP standards, food grade, chemical grade and pharmaceutical grade standards.

**Technical data:**

<b>Model</b>	<b>BSG-300</b>	<b>BSG-400</b>	<b>BSG-500</b>	<b>BSG-600</b>	<b>BSG-700</b>
Speed of principal axis(rpm)	5300	4800	3800	3300	2800
Crusher motor(kw)	5.5	7.5	15	22	30
Blower(kw)	4	5.5	7.5	11	15
Discharge motor(kw)	0.37	0.75	0.75	0.75	1.1
Grinding capacity(kg/h)	50-500	100-1000	300-1500	500-2500	1000-5000