**BY** **Sugar coating machine**

Introduction:

 This machine is mainly suitable for the sugar coating production of traditional Chinese medicine pills and tablets in the pharmaceutical industry. It can also be used for rolling, mixing, and polishing spherical or granular materials in the food, light industry, and chemical industries. For example: chocolate polishing, peanut wrapping, sugar loading, seasoning, manufacturing of rice dumpling, pearl balls, roll drying agent, production of chemical fillers, aluminum hydroxide balls, aluminum oxide balls, ceramic ball molecular sieves, catalysts, etc

The machine consists of a body, a worm gear box, a sugar coating pot, a heating device, a fan, electrical appliances, and other main parts. It is driven by an electric motor through a triangular belt to drive the worm gear , rotating sugar coating pot . Under the action of centrifugal force, the material rolls and rubs up and down in the pot, achieving the effect of sugar coating mixing, pill making, and polishing.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model  | BY200 | BY300 | BY400 | BY600  | BY800  | BY1000  | BY1250 | BY1500 |
| Diameter sugarcoating dish(mm) | 200  | 300  | 400  | 600   |  800  | 1000 | 1250 | 1500 |
| Capacity(kg/time)   | 1  | 2  | 5 | 15  | 30-50 | 50-70 | 80-150 | 300-400 |
| Rotation Speed (r/min) | 46   | 46   | 46  | 36   | 36   | 32  | 28   | 26 |
| Power of motor(KW) | 0.37  | 0.37  |  0.37 | 0.75  | 1.5  | 1.5 | 3  | 5.5 |
| Power of fan(KW) | 0.075  | 0.075  | 0.075  | 0.06 | 0.12 | 0.12 | 0.18 | 0.37 |
|  Power of heat(KW) | 1.2 | 1.2  | 1.2  | 2 | 2  | 3  | 5 | 6 |
| Overall size(mm)  | 500\*350 \*700  | 500\*350 \*700 | 550\*400 \*800  | 800\*600 \*900  | 1000\*800 \*1430 | 1100\*1000 \*1560 | 1250\*1200 \*1820 | 1500\*1500\*1980 |
| Weight(kg) | 36 | 37   | 38   | 85   | 205  | 220 | 350 | 600 |