

## *BG Series High-efficient Film Coating Machine*



The machine is a kind of mechanically and electrically integrated coating equipment with high efficiency, energy conservation, good safety and good cleanliness for organic film coating, water soluble coating, dripping pill coating, chocolate and candy coating of tablets, pills and candies.

### **Feature:**

- The drum of the main machine has a closed poreless structure and is equipped with a flow-guiding sheet. Tablets can make easy and smooth rotation without fragment and chipped edge in the drum due to mirror polishing of its wall and flow-guiding sheet, which greatly improves the yield.
- During air intake, three times filtration involving primary filtration, medium filtration and high filtration, can reach 100,000 level purification. During air exhaust, dust abatement can reach 99% by adopting a bag-type dust extractor. Equipped with a vibration damper, the machine is in normal run with noise lower than 75dB, which conforms to environmental protection requirements.
- A specially designed air source exchange system features exchange of hot air and cold air depending on the technological requirements, so to say, the fan blade can be regarded as air inlet or air outlet. An eye pitch explosion-proof lamp is equipped in the drum so as to clearly view all material in run for the convenience of accurate control of technological change.
- A cleaning system is equipped at the bottom of the drum, with automatic computer-controlled drain after cleaning.
- The specially designed imported spray gun features easy to operate and control relevant technological requirements, uniform density and particle size, uniform atomization and large spray area, practical to adjust flow, angle and sector, economization on dressing, free

leakage and blockage. The gun can be in operation unless its head keeps in the range of 0.29Mpa to 0.39Mpa. It has been favorably reviewed from users at home and abroad.

- Features PLC automatic control of such process parameters as negative pressure, air flow and temperature etc, automatic run of various process flow in sequence, instead of manual operation.
- Equipped with data storage and printing system, by which process parameter and process flow of each batch of production can be accurately recorded with a printer as requested from users.

### Technical Parameters:

Model		BG-40	BG-80	BG-150	BG-250	BG-400
Maximum capacity(kg)		40	80	150	250	400
Roller speed adjust range		2-20	2-20	2-18	2-15	2-15
Main machine outline dimension(LxWxH)		1080x900x2000	1210x1000x2100	1600x1260x2300	2000x1550x2550	2050x1680x2650
Coating roller diameter		Φ820	Φ940	Φ1200	Φ1500	Φ1580
Main machine motor power		1.1	1.5	2.2	3	4
Hot air cabinet motor power		0.75	1.1	1.5	3	3
Exhaust cabinet motor Power		2.2	3.0	5.5	7.5	7.5
Exhaust cabinet air supply volume		2500	2700	3600	4200	5000
Hot air temperature control range		< 80	< 80	< 80	< 80	< 80
Power supply	Three-phase-five-wire	12kw,380v	15kw,380v	18kw,380v	25kw,380v	32kw,380v
Air supply	Clean compressed air	>0.40	>0.40	>0.40	>0.40	>0.40
	Compressed air consumption	0.3	0.4	0.6	0.8	01.φев
Steam	Steam pressure	>0.6	>0.6	>0.6	>0.6	>1.14
	Steam consumption	40	60	80	110	130
	Steam pipe diameter	G1"	G1"	G1"	G1.2"	G1.2"
Heat insulation barrel electric heating power		1kw	2kw	2kw	4kw	4kw