

## *LQ-BG High Efficient Film Coating Machine*



The efficient coating machine consists of major machine, slurry spraying system, hot-air cabinet, exhaust cabinet, atomizing device and computer programming control system. It can be widely used for coating various tablets, pills and sweets with organic film, water-soluble film and sugar film etc.

The tablets make complicated and constant movement with easy and smooth turn in a clean and closed drum of the film coating machine. The coating mixed round in the mixing drum are sprayed on tablets by the spray gun at the inlet through the peristaltic pump. Meanwhile under the action of air exhaust and negative pressure, clean hot air is supplied by the hot air cabinet and is exhausted from the fan at the sieve meshes through tablets. So these coating mediums on the surface of tablets get dry and form a coat of firm, fine and smooth film. The whole process is finished under the control of PLC.

## Technical Parameter

Model	BG-10E	BG-40E	BG-80E
Max. Load Capacity	40kg/batch	40kg/batch	80kg/batch
Dia. of Coating Pan	Φ500mm	Φ750mm	Φ930mm
Rotatory Speed	1-25rpm	1-21rpm	1-19rpm
Main Machine Power	0.55kw	1.1kw	1.5kw
Exhaust Cabinet Power	0.75kw	2.2kw	3kw
Hot Air Cabinet Power	0.35kw	0.75kw	1.1kw
Air Exhaust Flow	1285m <sup>3</sup> /h	3517m <sup>3</sup> /h	5268m <sup>3</sup> /h
Hot Air Flow	816m <sup>3</sup> /h	1285m <sup>3</sup> /h	1685m <sup>3</sup> /h
Main Machine Dimension (L*W*H)	900×620×1800mm	1000×800×1900mm	1210×1000×1730mm
Hot Air Cabinet Dimension (L*W*H)	900×8600×1800mm	900×800×1935mm	900×800×1935mm
Exhaust Cabinet Dimension (L*W*H)	600×530×1600mm	820×720×1750mm	900×820×1850mm

Model	BG-150E	BG-400E	BG-600E
Max. Load Capacity	150kg/batch	400kg/batch	600kg/batch
Dia. of Coating Pan	Φ1200mm	Φ1580mm	Φ1580mm
Rotatory Speed	1-16rpm	1-13rpm	1-12rpm
Main Machine Power	2.2kw	3kw	5.5kw
Exhaust Cabinet Power	5.5kw	7.5kw	11kw
Hot Air Cabinet Power	1.5kw	2.2kw	5.5kw
Air Exhaust Flow	7419m <sup>3</sup> /h	10000m <sup>3</sup> /h	15450m <sup>3</sup> /h
Hot Air Flow	2356m <sup>3</sup> /h	3517m <sup>3</sup> /h	7419m <sup>3</sup> /h
Main Machine Dimension (L*W*H)	1570×1260×2030mm	2050×1670×2360mm	2050×1940×2360mm
Hot Air Cabinet Dimension (L*W*H)	900×800×1935mm	900×800×2260mm	1600×1100×2350mm
Exhaust Cabinet Dimension (L*W*H)	950×950×1950mm	1050×1050×2000mm	1050×1000×2200mm