

Auto Coater Manufacturer BEW 24"/BEW 36"/BEW 48"/BEW 60"



“Auto coater“ is used to coat tablets, pills, candies, granules, and sweets with sugar film, an organic film, and aqueous coating in the Pharmaceutical and food industry.

Featuring mechatronics and conforming to the requirement of cGMP. It is a high efficiency, energy-saving, safe and clean equipment for film & sugar coating of tablets, Pills, and candies with film – organic solvent and aqueous coating.

The tablet to be coated makes a continuous complicated orbital motion the closed rotating Drum under the action of a streamline of Baffles. During the motion coating medium automatically sprays according to the technological process and rational technological parameters, at the same time hot filtered air supplied under negative pressure.

The hot air penetrates through the tablets core layers and is discharged from the bottom of the layers, so that the coating medium sprayed on the surface of the tablet cores will dry rapidly and evenly, thus forming a solid and smooth surface film on the tablet.

Specification:

MODEL	BEW 24"	BEW 36"	BEW 48"	BEW 60"
Approximate working capacities	10 Kgs	75 Kgs	150 Kgs	350 Kgs
(depending upon tablet shape and powder density)				

Pan Diameter	610 mm	915 mm	1220 mm	1575 mm
Drive Motor (Flame proof)	1 HP	2 HP	3 HP	7.5 HP
Exhaust Fan Capacity	350 cfm at 150 mm KW	1350 cfm at 200 mm KW	2750 cfm at 200 mm KW	6000 cfm at 200 mm KW
Hot Air Fan Capacity	300 cfm	1200 cfm	2550 cfm	5500 cfm
Hot Air Fan Motor (Flame proof)	1 HP	3HP	5HP	10 HP
Steam Consumption (Steam pressure 3 to 5 Kg / cm²)	25 Kgs / hr or	50 Kgs / hr or	100 Kgs / hr	200 Kgs / hr
Compressed Air requirement at 7 Kgs / cm² pressure	15 cfm	30 cfm	40 cfm	50 cfm
	(25 NM ³ / hr)	(51 NM ³ / hr)	(68 NM ³ / hr)	(85 NM ³ / hr)