

Coating Pan



Ideal for Pharmaceutical, Confectionery, Food and others. Also used for rolling and heating beans and edible nuts or seeds.



Process :

Coating Pan are suitable for sugar coating, film coating and coloring of tablets, pills, etc for a variety of industries.

The product is filled inside the coating pan. During the rotation motion, coating material is sprayed by spraying system according to the technological process. So process materials (product) are coated due to rotating pan. The coating round pan is rotated at the same time hot air is supplied through inbuilt Hot air blower system which dries rapidly (heating or cooling) and evenly thus forming a solid and smooth surface.



Salient Features:

- cGMP model - with all contact parts AISI 316/304 & non contact parts AISI 304.
- Fabricated structure fitted with SS enclosure which makes simple, cleanable outside covering.
- Conventional coating system for manual film coating and sugar coating.
- Closed powerful pan drive with reduction gearbox and motor by step pulley.
- Hot air blower with electric heater.
- Easy to replace polishing pan and other size coating pan.

Optional Features:

- Fixed type baffles.
- Interchange different size Pan & Polishing Pan.
- Spraying Unit with Gun, Peristaltic Pump and Solution tank with Stirrer.
- Pressurized vessel with spray gun.
- Flame Proof Electrical.
- A.C. Frequency Drive for pan.
- Fume Exhaust Blower

Technical Specification:

Model	DCP-12	DCP-24	DCP-36	DCP-48	DCP-60
Pan Size	300 mm	600 mm	900 mm	1200 mm	1500 mm
Loading Capacity in Kg	0.5 to 3	5 to 20	25 to 60	60 to 120	120 to 200
Pan RPM	Step Pulley / Variable Speed				
Pan motor HP/kW	0.25/0.17	0.5/0.37	1.0/0.75	2.0/1.5	3.0/2.2
Input Blower Motor Capacity HP/kW	0.25/0.17	1.0/0.75	1.0/0.75	2.0/1.5	3.0/2.2
Blower Capacity CFM	150	550	550	1000	1300
Heater Capacity in kW	1.5	6	9	12	15

Dumra MACHINES

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