

Automatic Tablet Coater DTAC 12"/24"/36"/48"/60"



Automatic Tablet Coater: The all new energy-saving auto tablet coating machine is widely used in pharmaceutical and food operations. Being cGMP friendly, the auto coater machine offers diverse technical solutions for film coating with organic solvent and aqueous coating, and sugar coating.

Working Principle:

Equipped with a fully perforated drum, and highly efficient air flow system, the auto coater allows the product to make quick rotations. It is during this process that the coated material is sprayed on the products. With hot air blasted from below, the coating is dried up uniformly all around thus giving a clean look. The left over air moves from the other side. Equipped with PLC controls, and touch screen interface, the auto tablet coater works smoothly in sync with the air pressure controls.

Salient Features

- The machine adheres to cGMP model.
- All the contact parts are made of AISI 316 and other non-contacting parts of AISI 304.
- Equipped with pan having over 55% perforated openings to expedite optimized process.
- The auto tablet coating pan speed varies with VFD control.
- Both the sides of the machine will have glass wool insulation to stop heat loss.

Technical specifications:

| DESCRIPTION | DTAC 12" | DTAC 24" | DTAC 36" | DTAC 48" | DTAC 60" |
|------------------------------|-----------------|-----------------|-----------------|------------------|--------------------|
| L | 1200 MM | 1200 MM | 1730 MM | 1975 MM | 2650 MM |
| L1 | 1500 MM | 1500 MM | 2030 MM | 2275 MM | 2950 MM |
| H | 1500 MM | 1535 MM | 1540 MM | 2120 MM | 2650 MM |
| H1 | 1850 MM | 1885 MM | 2290 MM | 2470 MM | 3000 MM |
| W | 840 MM | 955 MM | 1480 MM | 1600 MM | 2100 MM |
| W1 | 2180 MM | 2585 MM | 3780 MM | 4380 MM | 5400 MM |
| PAN MOTOR HP | 0.5 HP. | 1 HP. | 2 HP. | 3 HP. | 7.5 HP. |
| INLET BLOWER MOTOR HP | 0.5 HP. | 1.5 HP. | 3 HP. | 5 HP. | 7.5 HP. |
| EXHAUST BLOWER MOTOR HP | 1 HP. | 2 HP. | 5 HP. | 7.5 HP. | 15 HP. |
| PERISTALTIC PUMP MOTOR HP. | 0.5 HP. | 0.5 HP. | 0.5 HP. | 0.5 HP. | 0.5 HP. |
| HEATER K.W. / STEAM Kg./Hrs. | 12 K.W. / 30 Kg | 12 K.W. / 30 Kg | 36 K.W. / 75 Kg | 60 K.W. / 150 Kg | Not. App. / 250 Kg |
| PAN RPM | 5 to 25 | 5 to 25 | 5 to 25 | 5 to 25 | 5 to 25 |
| INLET AIR CFM | 100 CFM | 250 CFM | 1200 CFM | 2500 CFM | 5500 CFM |
| EXHAUST AIR CFM | 150 CFM | 450 CFM | 1400 CFM | 3000 CFM | 6000 CFM |
| NOS. OF NOZZLE | 1 No. | 1 No. | 2 No. | 3 No. | 4 No. |
| SOLUTION PREPARATION TANK | 15 Ltr | 25 Ltr | 50 Ltr | 100 Ltr | 150 Ltr |
| AIR AT 5 Kg./ CM2 CFM | 20 CFM | 25 CFM | 35 CFM | 45 CFM | 60 CFM |