

SENEER



Tablet Coating Machine

Tablet Coating Machine

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Tablet Coating Machine Feature

- ◆ The GMP standard (Good Manufacturing Practices) is satisfied by the tablet coating machine parameter
- ◆ The machine's components can be quickly and easily disassembled for cleaning and maintenance without the need of any tools
- ◆ The compact design of the tablet coating machine allows it to fit into a tiny area
- ◆ It has a well-designed air intake and exhaust system



The coating drum's speed can be adjusted by the machine ◆

The PLC control can be used to print a data activity record for assessment ◆

The Pharmaceutical tablet coating machine is made of a corrosion-resistant material, ensuring continuous tablet coating machine operations and lower wear costs ◆

Tablet Coating Machine Function

- ◆ Depending on the kind of tablet and the desired coating, choose the appropriate coating materials
- ◆ The tablets are then placed in a drum and rotated in an orbital pattern, with the streamlined plates controlling the majority of the operations
- ◆ The nozzle sprays a coating solution that is controlled by an automated control system while the drum rotates
- ◆ The method guarantees that the coating on the tablets is applied accurately and evenly
- ◆ The machine pushes hot air into the drum as the spraying continues, resulting in a fast application of the solution
- ◆ It maintains the same temperature on its own to keep the drug's composition in excellent shape
- ◆ When the required coating is achieved, the tablets are moved to the drying area, where air is blown over them
- ◆ This is how the tablet coating machine works before the packing process, with the volume of air being controlled to ensure no interaction with the pills



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**Tablet Coating
Machine** PRODUCT

Tablet Coating Machine Advantage

- ◆ The main advantage of tablet coating is that it allows you to adjust the pace at which the drug is released
- ◆ It also protects against the medicine's unpleasant taste and odor
- ◆ The coating provides the product a smooth texture that makes it simple to consume
- ◆ The coating improves product acceptability as well as the tablet's look
- ◆ By providing regulated, continuous release, the coating can minimize the frequency of dosage
- ◆ It protects the physical or chemical integrity of the drug from humidity, heat, and temperature
- ◆ This prevents the medicine from being destroyed in the stomach's acidic environment until it reaches the intestine
- ◆ It can keep the tablet's form and prevent it from being tampered with

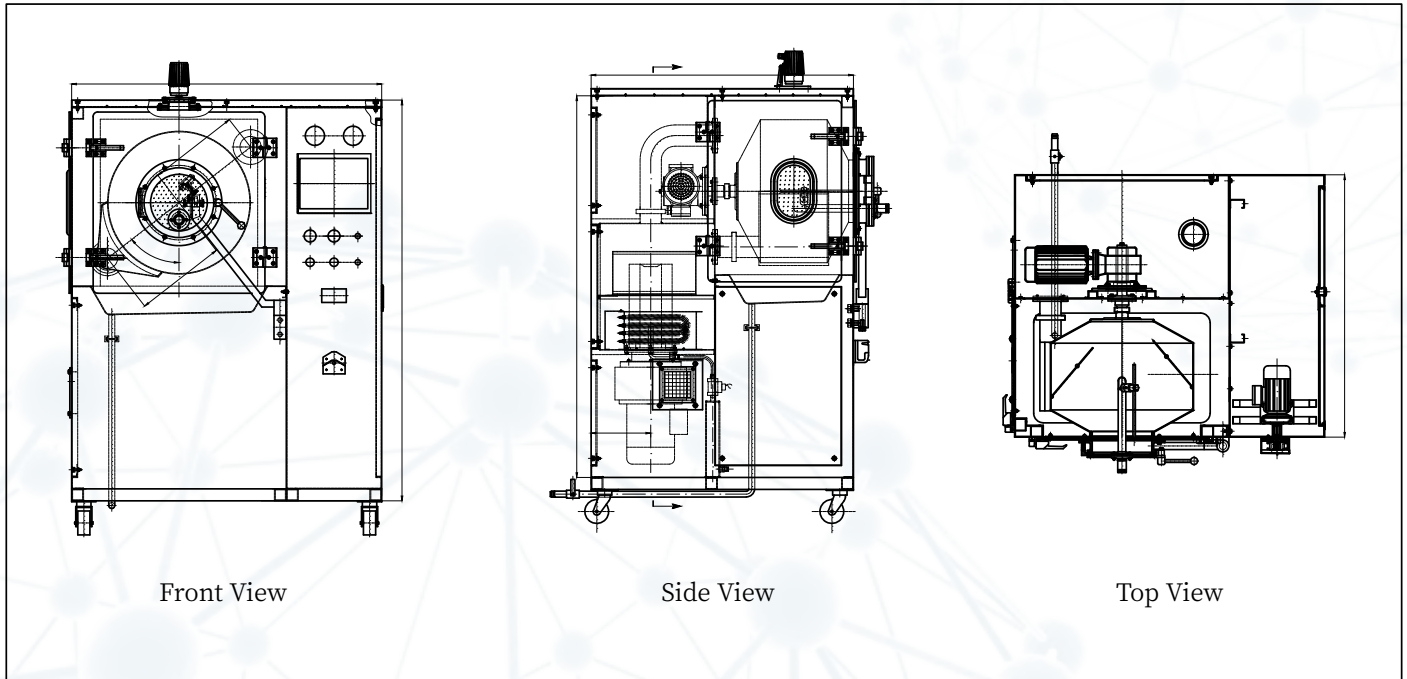
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Tablet Coating Machine PRODUCT



Tablet Coating Machine Application

- ◆ Tablet coating machine is a mechanical device that applies a thin layer of coating material to the surface of tablet dosage forms to impart certain benefits over uncoated varieties
- ◆ It's a machine that covers the tablet's outside surface with a thin layer of coating material



Tablet Coating Machine Specification

Technical parameters

Items	Unit	Model/specification			
		STC1	STC5	STC10	STC20
Coating drum diameter	Mm	400	520/560/600	560/600/720	600/720/800
Coating drum volume	L	1.9/3/4.2	6.5/12/21.7	12/21.7/47	21.7/49/72
Productive capacity	Kg/batch	0.5/1/2	3/5/10	5/10/20	10/20/30
Coating drum motor power	Kw	0.25	0.55	0.75	1.1
Coating drum speed	Rmp	2-16	2-16	2-16	2-16
Blower power	Kw	0.4	0.75	1.5	2.2
Electrical heating power	Kw	6	6	9	12
Induced draft fan power	Kw	0.75	1.5	2.2	3.7
Spray gun quantity		1	1	2	2
Peristaltic pump power	Kw	0.18	0.18	0.18	0.18
Inlet air filter		F9	F9	F9	F9
Exhaust air filter		F8	F8	F8	F8
Overall dimension	mm	1320×1260×1880	1420×1350×1980	1720×1440×2100	1920×1550×2180
Net weight	Kg	600	800	980	1200

Tablet Coating Machine Specification

Technical parameters

Items	Unit	STC75	STC150	STC200	STC350	STC600
Coating drum diameter	Mm	950	950	1250	1400	1500
Coating drum volume	L	115	146	379	480	747
Productive capacity	Kg/batch	75	150	200	350	600
Coating drum motor power	Kw	1.5	3	3	4	5.5
Coating drum speed	Rpm	2~16	2~16	2~16	2~12	2~9
Blower power	Kw	5.5	7.5	7.5	11	30
Electrical heating power	Kw	48	48	48	66	115.2
Inlet air fan power	Kw	2.2	3	3	3	7.5
Spray gun quantity		2	3	4	5	6
Peristaltic pump power	Kw	0.37	0.37	0.37	0.37	0.37
Inlet air filter		G4,F9,H13	G4,F9,H13	G4,F9,H13	G4,F9,H13	G4,F9,H13
Exhaust air filter		F9	F9	F9	F9	F9
Overall dimension	mm	1400×1400×1900	1890×1400×1930	2000×1600×1930	2350×2050×2310	2700×2440×2630