

Tablet Coater PC Series



The PTK PC Series of production Tablet Coater brings an industry proven design integrated with high-performance features and technology. Commissioned worldwide they are ideally suited for all tablet coating requirements featuring a fully perforated drum design, and advanced Schlick spraying nozzle technology.

Our unique mixing baffles enable fast and proficient coating of products using film or sugar coating solutions. Quickly perform repeated coating batches using our fully automated HMI recipe driven program made to FDA21 CFR Part11 standards.

Streamlined and directed airflow through the coating chamber with full duct control, reduces air consumption resulting in increased drying efficiency and therefore reduced coating times and costs.

Our WIP cleaning system ensures fast, systematic and effective cleaning, greatly reducing the time before the next batch coating.

Effective Drying: Fully perforated side vented pan design helps reduce coating times by increasing the distribution of air through the tablets.

Schlick Spray Nozzles: Patented world leading spray nozzles featuring anti-bearding design reducing cleaning intervals

Unique baffle design: Allows even rotation and smooth movement of tablets throughout the pan decreasing tablet damage and increasing a uniform coverage of coating

HMI: Fully 21 CFR Part 11 compliant Windows based platform, controls and monitors all process parameters with recipe management and batch reporting

Quick tablet discharge: Effortless tablet discharge with our unique reverse discharge baffles

Product Features

- Repeatable fully automated coating cycles Save all recipe/product data onto
- HMI for manual or automated coating control
- World-renowned Schlick spraying technology with anti-bearding technology
- Quick drying automated or manual WIP cleaning system
- Air operated liquid tank with Watson Marlow peristaltic solution pumps
- HEPA option for Inlet heat exchange
- Dehumidifier options for air inlet
- Outlet air control dust extraction / HEPA filtration
- Stand-alone or through the wall designs
- Chamber doors allow greater access to the coating pan and duct areas

Technical Parameters

Model	PC-820	PC-1020	PC-1320	PC-1520	PC-1520i	PC-1720	PC-1720i	PC-1720t
Drum Diameter [mm]	820	1,050	1,300	1,500	1,500	1,700	1,700	1,700
Drum Opening Diameter [mm]	380	420	500	578	578	600	600	600
Drum Working Volume [ℓ]	24 - 45	57 - 100	100 - 180	160 - 280	200 - 362	250 - 440	340 - 600	450 - 800
Output Capacity * [kg]	17 - 32	40 - 70	70 - 126	112 - 196	140 - 253	175 - 308	238 - 420	315 - 560
Pan Speed [rpm]	0 ~ 16							0 ~ 12
Spray Gun	2	2	2	3	3	4	4	5
Drive Power [kW]	2.2	2.2	3.7	3.7	3.7	7.5	7.5	7.5
Weight, Machine [kg]	1,450	1,650	1,850	2,000	2,150	2,250	2,400	3,000
Weight, Controls [kg]	90							
Dimension, Machine [mm]	1,200 x 1,610 x 1,682	1,460 x 1,585 x 1,757	1,720 x 1,705 x 2,005	2,050 x 1,818 x 2,244	2,050 x 2,038 x 2,244	2,254 x 2,008 x 2,392	2,254 x 2,258 x 2,392	2,254 x 2,648 x 2,392
Dimension, Controls [mm]	661 x 677 x 1,278							
Power Supply Data	220/380/400/415/440/460Vac, 3Ph, 50/60Hz							
Control Power	24Vdc							

* Specific Gravity 0.7