

PF-1000 Compact Auto Capsule Filler



The PF1000 is our most popular and flexible production capsule filling machine which provides a high degree of filling options. Its modular design enables quick change over of parts and easy access to the machine for quicker cleaning. The PF1000 is able to provide complex filling methods such as “tablets” and “pellets” maximizing full flexibility of your scheduled products.

Powder only: Smooth filling of loose powder or tamped powder/slug to aid in difficult product filling.
Powder / Pellets: Single or double pallet filling via patented station.

Pellets: Single or double pallet filling.

Tablets: Tablet feed via tablet filling station.

Combinations: Numerous product combination fills are possible on the PF-series thanks to its modular design.

Product Features

- Excellent price performance ratio for both machine and change parts
- Broad range of filling options for difficult products
- Up to 48,600 capsules per hour
- Accurate dosing
- Capsule sizes 000, 00, 0, 1, 2, 3, 4
- Tablet / Pellet filling options.
- Faulty capsule ejection station.
- CE, cGMP, 21 CFR Part 11 compliant data security
- De-duster, powder loader controlled from HMI, time delay after machine stop

Technical Parameters

Number of Holes / Segment	1	2	3	4	5	6
Max. Speed, Powder [rpm]	135					
Max. Speed, Pellet [rpm]	80					
Max. Output, Powder [caps/h]	8,100	16,200	24,300	32,400	40,500	48,600
Max. Output, Pellet [caps/h]	4,800	9,600	14,400	19,200	24,000	28,800
Power of Main Motor [kW]	1.5					
Air Consumption [liter/min]	650					
Compressed Air [bar]	6					
Dimension, Machine [mm]	1,000 x 841 x 1,760					
Dimension, Controls [mm]	650 x 600 x 1,502					
Weight, Machine [kg]	1,420					
Weight, Controls [kg]	120					
Capsule Size	#000, #00, #0, #1, #2, #3, #4					
Power Supply Data	220/380/400/415/440/460Vac, 3Ph, 50/60Hz					
Control Power	24Vdc					