Precision
Powder Filling

PF Powder Filler Series

Cozzoli's PF series of powder fillers feature a unique dual-level supply hopper and agitator that provides a uniform level and density of material to the dosing chamber of each filling head to maximize accuracy and repeatability.

Available with 2, 4, 6, 8, 10, 12 or 16 dosing heads, this high-precision powder filler can reach speeds up to 300 containers per minute, with accuracies of +\- 1% of fill volume. Powder fill ranges of 50mg to 75 grams can be filled in a single metered dose. A multi-dosing feature is available for larger fill volumes.

Dosing is accomplished by applying a predetermined amount of vacuum to the dosing chamber. Once the chamber is filled with powder, the vacuum cuts off and a pinch valve opens, creating a pathway between the chamber and the filling nozzle. Positive pressure is then applied to the chamber, sending the powder through the nozzle and into the container. The systems' powder pathway is completely enclosed, preventing any external contamination.

Cozzoli's patented, innovative filling process requires no scraper blades or particle-generating components that could contaminate sensitive sterile products. There are no abrading parts within the product contact area.

Cozzoli Powder Filling Line, fully integrated for washing vials, sterilizing and depyrogenating, filling, stoppering, and crimping.

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COZZOLI® MACHINE COMPANY

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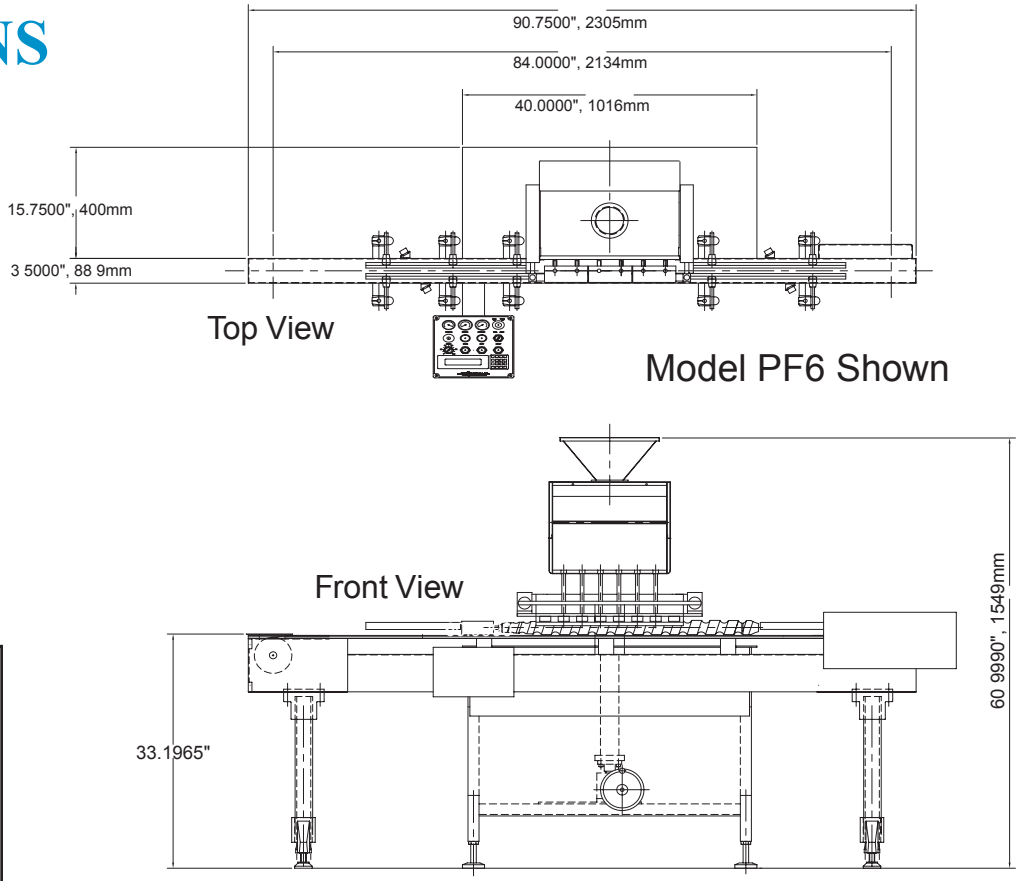
SPECIFICATIONS

Features

304 Stainless Steel Exterior
316 Stainless Steel Contact Parts
Hopper and Agitator Assembly
Set of Dosing Heads
Filter Replacement Kit
Set of Valve Block Plates
Vial Locator Assembly
Full Length Delrin Feed Screw
Programmable Controller

View of Touch Screen
Control Panel

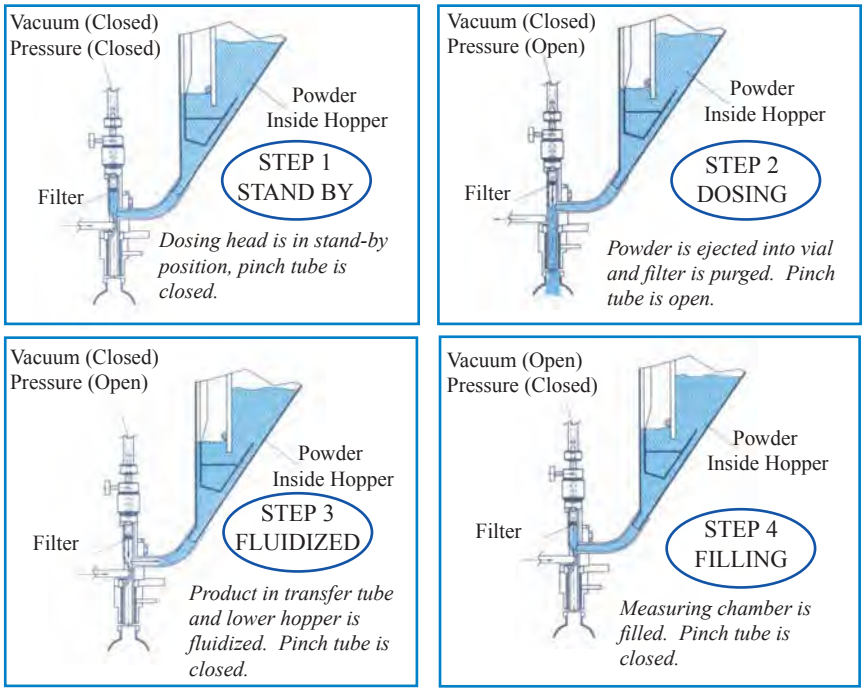


Model PF6 Shown

Available Options

Dosing Head Sizes: 3/16" to 3/4" ID
Hopper Mounted External Vibrator
Segmented Hopper/Agitator Kit
Container Make-up
and/or Back-up Detection
Machine Casters
Sanitary Conveyor Legs
Filter Replacement Kits
Spare Parts Kit
IQ/OQ Protocol
PQ Protocol
Factory Acceptance Protocol

System Operation



Cozzoli Machine Company is an international leader in the design, manufacture, distribution and service of precision cleaning, filling and closing systems in stand-alone or monoblock format. Since 1919 our company has been serving the pharmaceutical, biotechnology, diagnostic, cosmetic, and chemical industries.

Our Goal is to Exceed Your Expectations

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