



Injectable Powder Filling Machine

DRYFILL-250^{iTwin} Twin Head Injectable Powder Filling with Rubber Stoppering Machine

The Automatic Twin Head - Twin Track Injectable Powder Filling with Rubber Stoppering Machine Model DRYFILL-250^{iTwin}, is suitable for Round Vials with maximum speed of 250 Vials per minute. Specially Machine construction in fully Stainless Steel finish including machine frame structure. Machine with built-in Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing vials for smoother operation. All parts coming in contact with Powders are made from SS316 Materials.

The Machine is equipped with Double Head Double Track Eight Port Twin Powder wheel, which works on Vacuum and Air Systems to Fill powder in Vials, with on-line Vibrator type Rubber Stoppering system, The stopper inserting system operates in a continuous mode with synchronized speed of machine. Machines with Double Track Vial Moving system having Double Track Twin Head Powder Wheel System, helps to achieve speed of 240 vials per minute using twin track twin head system for higher fill volume using multiple dose system.



OPTIONAL FEATURES :

- No Vial - No Fill System
- All contact parts made of SS316 material with easy removal system for AutoClaving/Sterilization
- Machine construction in SS304 material
- Separate Variable Speed Drive for Powder Hopper
- No Crossover Contamination during Charging of Powder due to new Design of Powder Hopper
- Hopper can be completely dismantled for easy cleaning
- Minimum residue of Powder in Hopper at the end of batch resulting in less wastage of powder
- Tool Less adjustment of Doctor Blade and Wiper Blade saves valuable time and easy for setting
- Tool Less change over for Powder Hopper and Well Agitator
- Filling Accuracy of +/- 1% depending on powder at controlled humidity below 30% Rh
- Built in Rubber Stoppering System
- Multiple dosing system with the help of change parts
- Built in Turn Tables with Separate Drive for speed control of infeed and outfeed of vials
- Various safety features including Clutch system for Vial Breackage
- Machine Bottom with all over minimum clearance of 6" Height
- Moving conveyor above the top plate maintaining proper gap for meeting current application needs.
- Automatic Infeed and Exit of Vials
- Powder Hopper for charging with better position and design without crossing the line.
- No Stopper - Machine Stop System
- Low Air - Machine Stop System
- Low Vacuum - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operation

TECHNICAL SPECIFICATIONS

Vial Diameter : 25mm to 38mm

Vial Height : 75mm Maximum

Rubber Stopper Diameter : 20mm

Fill Range : 50mg. To 1.5 gms. In Single Dose, 1.5 gms. To 6 gms. In Double, Triple and Four Dose system

Accuracy : +/- 1% Depending upon the Powder, under the controlled level of Humidity

Humidity : Below 28% Rh required on machine to be arrange by customer

Electrical : 415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive

Power : 5.0 H.P.

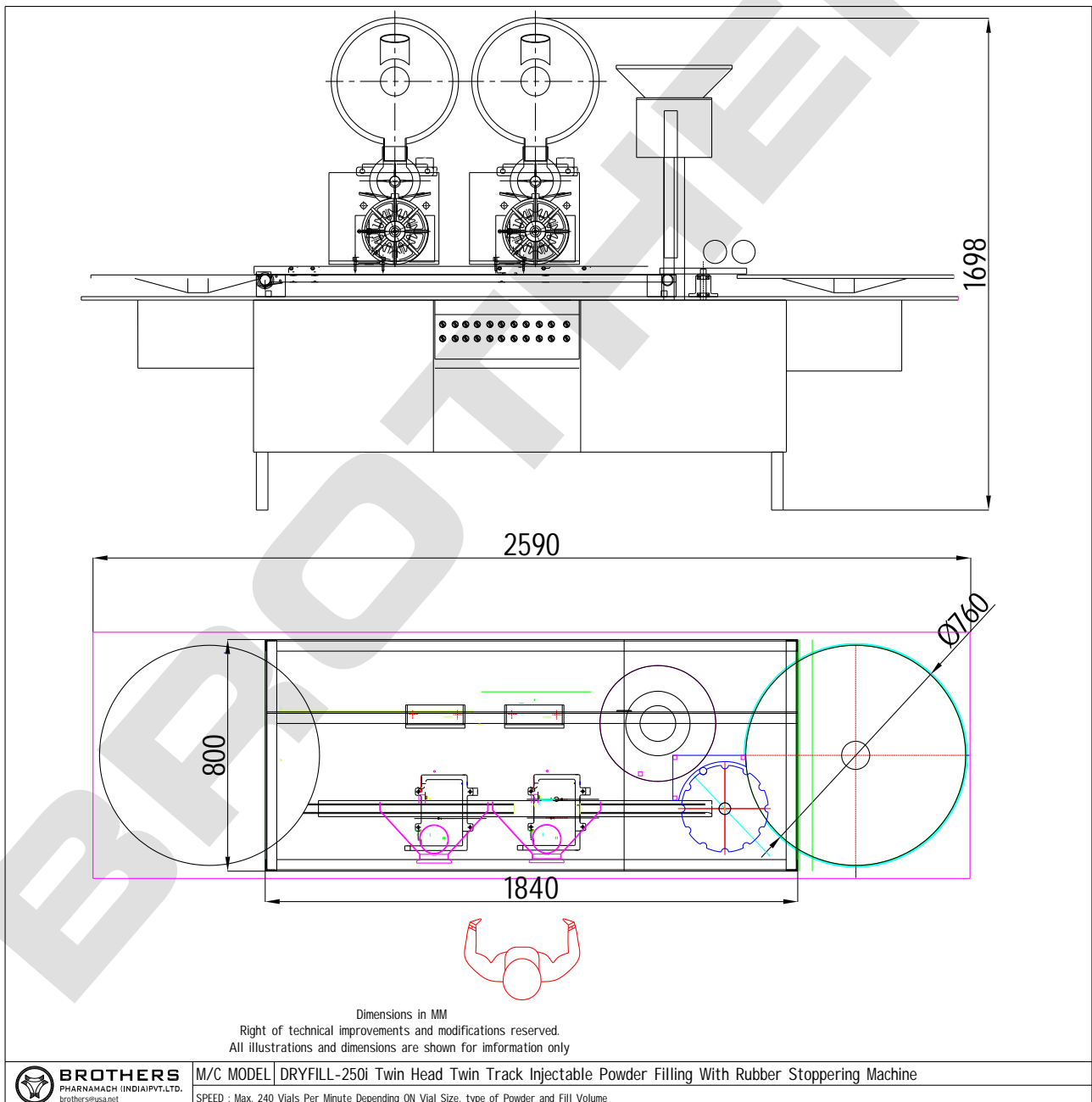
Compressed Air :Filtered, Oil Free 4kg/cm² provided by customer only

Vacuum : 28" Hg. @ 500 LPM - 2 pumps, provided by Customers only

Conveyor Height : 815-940 mm

Speed : Max. 250 Vials per minute in Single Dose, Max. 120 Vials per minute in Double Dose, Max. 80 Vials per minute in Tripple Dose and Max. 60 Vials per minute in Four Dose system

* Specification can be changed as per customers requirements



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