



Harsiddh Engineering Co.

Rotary Dry Syrup Powder Filling Machine HRDS-100



Harsiddh introduces compact, flexible and easy operating rotary dry syrup powder filling machine made from the sturdy stainless still materials to make the efficient filling of dry syrup powder. The filler consist the vibration free platform for smooth trouble free operation for long hours. Being a leading manufacturer, supplier and exporter of rotary dry syrup powder fillers, we provide GMP models with CE certifications.

Our powder filling machines are highly accurate with filling precision of +/- 1 to 2% depending on powder at controlled humidity below 30% Rh and contain auto infeed and exit through star wheel system. The system is equipped with auto machine on/off system. The unit bears the bottle height up to 100mm and diameter up to 85mm for rectangular or square bottles. The powder filler machine throughput is 80 Bottles per minute depending on Bottle Size, Bottle Neck Diameter, Type of Powder and Fill Volume. Our dry syrup powder fillers are highly efficient and CE certified.

Feature:

- No Bottle – No Fill System.
- Rotary Bottle Movement System with Rotary Funnel System.
- Funnel with unique vibratory system for filling semi free flow powder at higher speed.
- All contact parts with easy removal system for AutoClaving / Sterilization.
- Dry Syrup Powder Filling Machine construction in AISI 304 material.
- Filling Accuracy of +/- 1 to 2% depending on powder at controlled humidity below 30% Rh.
- Automatic Infeed and Exit of Bottles through Star Wheel System.
- No Bottle at in feed conveyor – Automatic Powder Filler Machine on / off system.

Technical Specification:

Model	HRDS-100
Bottle Diameter	Upto 85mm, Square or Rectangular bottles can be used.
Bottle Height	100mm Maximum
Fill Range	5gms. To 70gms. In Single Dose with the help of change parts for different fill volume.
Fill Accuracy	+/- 1 to 2% Depending upon the Powder, under the controlled level of Humidity.
Humidity	Below 30% Rh required on machine to be arrange by customer.
Electrical	380 V, 3Phase OR 220 V, 1 Phase, 50 Hz with A.C. Drive.
Power	1.5 H.P. For Machine and 2 H.P. For Vacuum Pump
Compressed Air	Filtered, Oil Free 2kg/cm ² provided by customer only
Vacuum	28" Hg. @ 300 LPM, provided by Customers only, 500LPM recommended
Conveyor Height	815-940 mm
Overall Dimensions	1500 mm (L) x 1000 mm (W) x 1600 mm
Speed	80 Bottles per minute depending on Bottle Size, Bottle Neck Diameter, Type of Powder and Fill Volume