

Semi Auto Single Head Auger Based Powder Filling Machine - Servo



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continuous up-gradation Process)

Specification of the Equipment

Machine's Basics:

Machine Name	Semi Auto Single Head Auger Based Powder Filling Machine – Servo
Number of Filling Head	Single Head
Production Speed Per Minute	15 Bottles per Minute for 200 grams.
Suitable for Powder	Non Free Flow Powders
Suitable for Products	Round Bottles / Containers / Pouches / TINS
Application	Filling Powder in to the Bottles / Jars / Pouches / TINS
Filling Accuracy	+/- 1%
Rejection during Production	NIL
Hopper Capacity	40 to 50 Liters
Filling Type	Auger Screw Based
Machine Weight	Approx 250 Kgs

Machine's Material of Construction

Machine Main Base Frame	M.S or S.S. 304
Machine Coverings	Complete in S.S. 304
Hopper MOC	S.S. 316
Auger Screw & Funnel MOC	S.S. 316
Stirrer Device	S.S. 316
Bearings	SKF / NTN
Plating(Wherever Applicable)	ENP / Zinc / Hard Chrome / Blackening

Machine's Electronics & Pneumatics Components

Servo Motor Make	1.5 KW Delta
PLC Make	Delta
Touch Screen HMI Make	Delta
Electrical Wiring	Ferule Numbering on all the wires with Proper Markings
Electrical Components	ABB / L&T / Siemens / Technik

Machine's Power & Air Consumption Requirement

Power Consumption	1 H.P / 230 V.AC
Phase	Three Phase

Machine's Servicing & Maintenance

Maintenance of Machine	Weekly Oiling & Greasing is Required for smooth functioning of Machine
Machine Cleaning	Advisable to clean machine regularly for smooth functioning of Machine

Machine's Utility Requirement (Customer need to Arrange)

1. Voltage Stabilizer to control power fluctuation
2. Main Electrical Power Input till Machine
3. Operator to run the machine