

## 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