Prismtec
Packaging Redefined

Automatic Single Head Auger Filler Machine – Clutch Brake Model

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

Specification of the Equipment

Machine's Basics:

Machine Name	Automatic Single Head Auger Filler Machine – Clutch Brake
Number of Filling Head	Single Head
Production Speed Per Minute	15 Bottles per Minute for 500 grams.
Direction	Linear - Left to Right
Suitable for Powder	Non Free Flow Powders
Suitable for Products	Round Bottles / Containers
Application	Filling Powder in to the Bottles / Jars
Filling Accuracy	+/- 2%
Rejection during Production	1%
Hopper Capacity	40 to 50 Liters
Filling Type	Auger Screw Based
Working Height	850 mm +/- 50 mm
Machine Weight	Approx 250 Kgs

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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
Guide Rod & Pin	S.S. 304

Machine's Electronics & Pneumatics Components

Conveyor Motor Make	1 H.P Hindustan /Bonfigloli / Bonvario
Conveyor Gear Box Make	Hindustan / Bonfigloli / Bonvario
Conveyor VFD Make	1 H.P Delta
Clutch Brake	HNC
Controller	HNC
Control Panel	Standard – Push Buttons
Electrical Wiring	Ferule Numbering on all the wires with Proper Markings
Electrical Components	ABB / L&T / Siemens Make
Pneumatics	Festo / Janatics
Sensors	HNC / SICK

Machine's Power & Air Consumption Requirement

Power Consumption	2 H.P / 230 V.AC
Phase	Single 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