

TECHNICAL SPECIFICATION

Product to be filled : This model is suitable for filling variety of free flow or non free flow powders in preformed pouches or containers. Machine will be used for filling milk Powder, talcum powder, chocolate powder, tea dust, filtered coffee, chemical powders, pesticide powders, all flours, grinded spices, curry powder, chilli powder, turmeric powder etc.

Machine output : Machine can fill 5 to 50 fills per minute depending on flow properties of the product, container size in which powder to be filled and accuracy of filling

Filling Range : Minimum 10 gm to maximum 1000 gm with change parts

Filling system : Positive displacement screw feeder

Change parts : Set of screw barrel depends on fill quantity and product

Machine control : Simple electrical panel with digital photocell control panel

Electrical Data : Power supply: 440 VAC, 3 phase with neutral and ground connected or Single Phase as per customer requirement

Motor Drive : 1 Hp, 440 VAC, 50 Hz, 3 phase with VFD or 0.5 Hp single phase motor with reduction gear box



Clutch brake : 24 VDC clutch brake with IR sensor

Servo model : 4.8 NM capacity Omron or Delta make servo motor will be used as main screw drive

Filling Accuracy : + or - 2% of the set volume for most of the powders on persistent powder level

L X W X H : 1000 mm X 687 mm X 1650 with hopper

Nett Weight of machine : 350 Kilogram

Registered Office Address :

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AUGER FILLER MACHINE

DESCRIPTION OF OPERATION:

This is a semi automatic filling machine also called as Auger filler machine. Machine design is based on positive displacement, screw feeder mechanism. Machine controller controls number of turns which finally results in filling quantity. This model is user friendly simple mechanical machine. Machine can run on auto mode as well as manual mode with foot switch. Hopper will be filled with powder and hopper level should be maintained to get accuracy in powder filling. Machine construction will be in heavy C I casting, properly machined and anti rust colour coated. All product contact parts will be in SS 304 or SS 316 as required by the customer.