

Automatic Single Head Auger Powder Filling Machine



Single Head Auger Powder Filling Machine is used to fill variety of product like granules, powder etc in bottle. It basically works on Auger base to fill powder in bottle.

SALIENT FEATURES:

- » Easy To Operate.
- » Trouble free construction for Long life.
- » Auger rotation is done by clutch brake system & the numbers of auger rotations are controlled by clock disc mechanism.
- » All contact Part is S.S 304 or S.S 316 on request on request.
- » Slate conveyer.
- » Filling head with hopper.
- » No Change Part require for change in bottle height
- » Ease of maintenance.
- » Easy availability of spares.

MACHINE WORKING:

- » Machine Conveyor feeds the bottles from left to right.
- » The bottle fed in a linear motion on the conveyor then it will be sensed by sensor which gives signal to the magnetic clutch.
- » It will rotate the auger and required amount of powder will be filled in bottle.
- » Finally the bottle will be filled with powder as per the required quantity.

TECHNICAL SPECIFICATION:

DIRECTION	Left To Right.
PRODUCTION RATE	Output and accuracy of the machine is subjected to flow property of the powder and other related conditions. But for calculation purpose usually 20 Gms of fill gives output of 30 BPM
CONVEYOR HEIGHT	Adjustable from 850 To 900 MM
BOTTLE DIAMETER	25 MM To 90 MM MAX.
ELECTRICAL SUPPLY	1.00 HP For Main Drive and 0.50 HP for conveyor
POWER CHARACTERISTIC	440 Volts, 3 Phase (4 wire System) 50 Hz.