

Automatic High Speed 16-head Rotary Powder Filling Machine



Legend Automatic High Speed 16 Head Rotary Dry Syrup Powder Filling Machine Model is suitable for Glass, Plastic, PET, HDPE, and LDPE Bottles with maximum speed of 120 Bottles per minute depending on Powder Fill Volume, Type of Powder, Bottle Diameter and Bottle Neck Diameter.

Machine can be completely synchronized with Bottle Infeed Star Wheel, Powder Wheel movement and out feed Star wheel for smoother operation. Its enhanced Rotary Bottle Moving system ensures faster powder filling through independent moving funnel along with bottles for greater speed and performance without compromising speed and fills accuracy.

Unique vibratory system inside the funnel helps filling of semi free flow type powder at higher speed. Automatic Dry Syrup Powder Filling with Screw/ROPP Cap Sealing Machine is compact machine used for filling and sealing of the Dry Syrup in the bottles and is most ideal for wide application in Pharmaceutical Industries.

Salient features:

- All contact parts are SS 316 / 316 L.
- All contact parts can be easily dismantled for sterilization.
- Continuous motion design gives higher output on higher filling volumes.
- Servo motor driven powder filling augur head.
- Variable speed drive to control the machine output speed.
- Automatic high speed 16 head rotary powder filling machine with 8 head ROPP cap sealing machine
- All drive through imported gear box.
- Different filling volume setting through PLC and Touch Screen.

- Vibratory funnels for easy flow of powder to containers.
- Low powder level alarm.
- Alarm system in case of bottle jamming at both the star wheel.
- No bottle-no fill system.
- Automatic powder loader system (optional).
- Heavy duty stainless steel structure and heavy top plate for vibration free operation.
- No tools required for fixing and removing of hopper and funnel.
- Dust collection system (optional).
- SS. safety cabinet covering full machine with polycarbonate.
- In compliance with cGMP.

Technical Specification:

- No. Of filling Head: 16 heads
- Output: 60 to 150 containers / minute depending upon fill size.
- Fill Size: 5 grams to 200 grams with the help of Change Parts
- Fill Accuracy: $\pm 3 - 5$ % depends upon fill size, Powder Type, RH
- Bottle Size: Dia. 25mm to 60mm with the help of change parts
- Overall Dimensions: 2200 mm (L) x 1200 mm (W) x 2200 mm (H)
- Input Specification:
- Power supply: 4HP, 440V AC, 3 Phase, 50 Hz, 5 wire system
- Compressed Air: 2 BAR max. 2 – 3 CFM

Technical details, specification & designs are subject to change without any prior notice.