

Soda / Soft Drink Filler - Semi Automatic Rotary - for Glass Bottles (Direct Filler)

Semi Automatic Rotary Soda/Soft Drink Machine for Glass bottles is unique and designed for the small scale soda/soft drink manufacturer. The machine is basically simple and easy to use and does not require any skilled labor.

As its name suggests, it rotates automatically at a fixed speed. The machine is powered by a 1 Hp motor and is supplied with a 3 Hp III ph air compressor (optional) and a suitable Carbonator. Three persons are needed to operate the machine. As the machine rotates, 4 or 5 heads fitted on its periphery turn at fixed speed. The first person has the job of inserting the crowns and the next person keeps the bottles. Filling and crown capping take place automatically. A protective SS guard has been provided in the area where the bottles are filled and crowned to avoid injury in case of bottle breakage. The third person removes the filled and capped bottles. All parameters such as crown capping pressure, gasket rubber pressure, soda pressure, soda inlet quantity, air compressor pressure etc can be accurately controlled and monitored.



The filling and capping takes place pneumatically. It's simple construction and functioning needs very little maintenance. The average production of the machine is about 20 bottles per minute for a 5 head machine and 16 bottles per minute for a 4 head machine. All three sizes of glass bottles - 200 ml / 250 ml / 300 ml can be filled on the machine.

The salient features of the machine are:

- Easy to use with very little maintenance.
- Maintenance is limited to change of washers and springs. These are same as in ordinary soda/soft drink machines and easily available.
- All pneumatic equipment used are of the best quality.
- The machine is very sturdy and it is fabricated out of stainless steel 304 grade.
- The motor and gear box used are of the best quality.
- A stainless steel guard has been provided on the filling/capping side to avoid bottle breakage injury.
- The machine is compact and can be installed in a comparatively small space.
- All spares of the machine are readily available.
- The simple construction of the machine ensures that it is user serviceable thus reducing down time.
- The pneumatic section of the machine is easily accessible. So minor adjustments and servicing can be done quickly.
- The machine has been designed such that all the pneumatic parts of the machine are completely protected from getting wet during normal usage thus increasing the life of the components.
- Air & soda connection points are provided at easily accessible points.
- The carbonator supplied with the machine is fitted with an automatic water level controller to switch on and off the pump according to the water level in it and therefore does not require constant monitoring.
- The bottle table level can be easily adjusted according to the size and height of bottles.



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