

Semi Automatic Rotary Gravity Liquid Filling Machine With 6 / 9 / 12 Filling Nozzles - for PET / Glass Bottles



This is Rotary liquid filling machine meant for filling all non viscous liquids like Mineral Water, Juices, Edible oils, Coconut oil, Liquid soaps etc in PET & Glass bottles. As the machine rotates, bottles are manually kept for filling and taken off manually after filling.

The machine has a 1 HP Geared motor controlled by a knob to reduce or increase RPM according to the size of bottles. It can fill any size from 200 ml to 2000 ml. Output will vary from 12 bottles per minute to 36 bottles per minute depending on the number of filling nozzles, size of bottle being filled, set RPM, viscosity of liquid and speed of the operator.

The machine consists of a rotating tank into which liquid can flow by gravity from an overhead storage tank or by a pump. The tank has a liquid level float valve. As it rotates, the operator places the bottles one after the other on neck holding plates in case of PET bottles and bottle tables in case of glass bottles. The bottles are filled automatically by gravity upto the nozzle level. After filling, the bottles can be manually removed for capping.

The machine is sturdily built and is made out of SS 304. It has a Panel to control the machine. The tank has a gage glass tube to monitor the level of liquid in the tank. It is easy to use and maintenance is limited to change in washers and springs of each valve which can be easily removed for cleaning and refitted quickly. The tank has a bottom drain to clean the tank whenever required



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