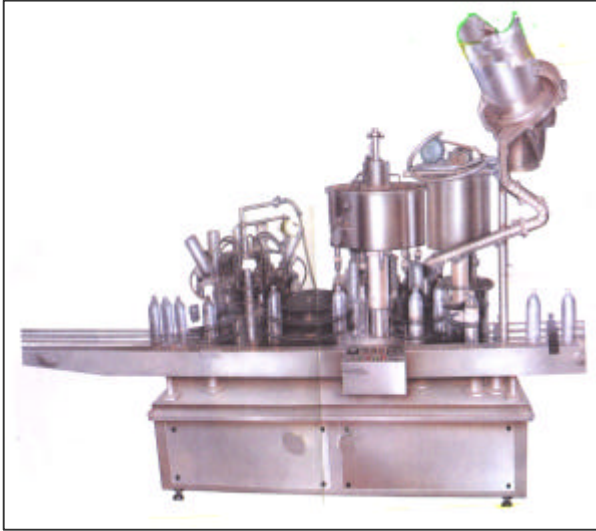


Rinsing Filling and Capping Machine



This machine is an exquisite compact one, which incorporates Rotary Rinsing, Rotary Gravi Filling and Rotary Screw-on capping operations on a single base. Bottles once located at the Rinsing station are released only after Rinsing; Filling and Capping operations are over.

The unique Rinsing device uses neck grippers to invert the bottles for rinsing and automatically unloads it into the inlet turret of the Gravi Filling section in the upright position after rinsing the bottles internally. The bottles are filled with Mineral Water at the Gravi Filling Section and the filled bottles are passed on to the Capping section. A Universal Hopper is provided for the automatic capping operation. The filled bottles are capped at this station.

Adequate neck holders are provided at the Filling and Capping stations so as to eliminate buckling of PET bottles. No-bottle-no-rinse, no-bottle-no-fill and no-bottle-no-cap mechanisms are provided. The machine can be adapted to rinse, fill and cap bottles over a wide range of 200ml to 2000ml in a single stroke. The machine capacity is determined on the smallest and largest pack sizes. The approx. output is from 24 bpm to 60 bpm; nonetheless actual output depends on the volume of liquid to be filled.

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