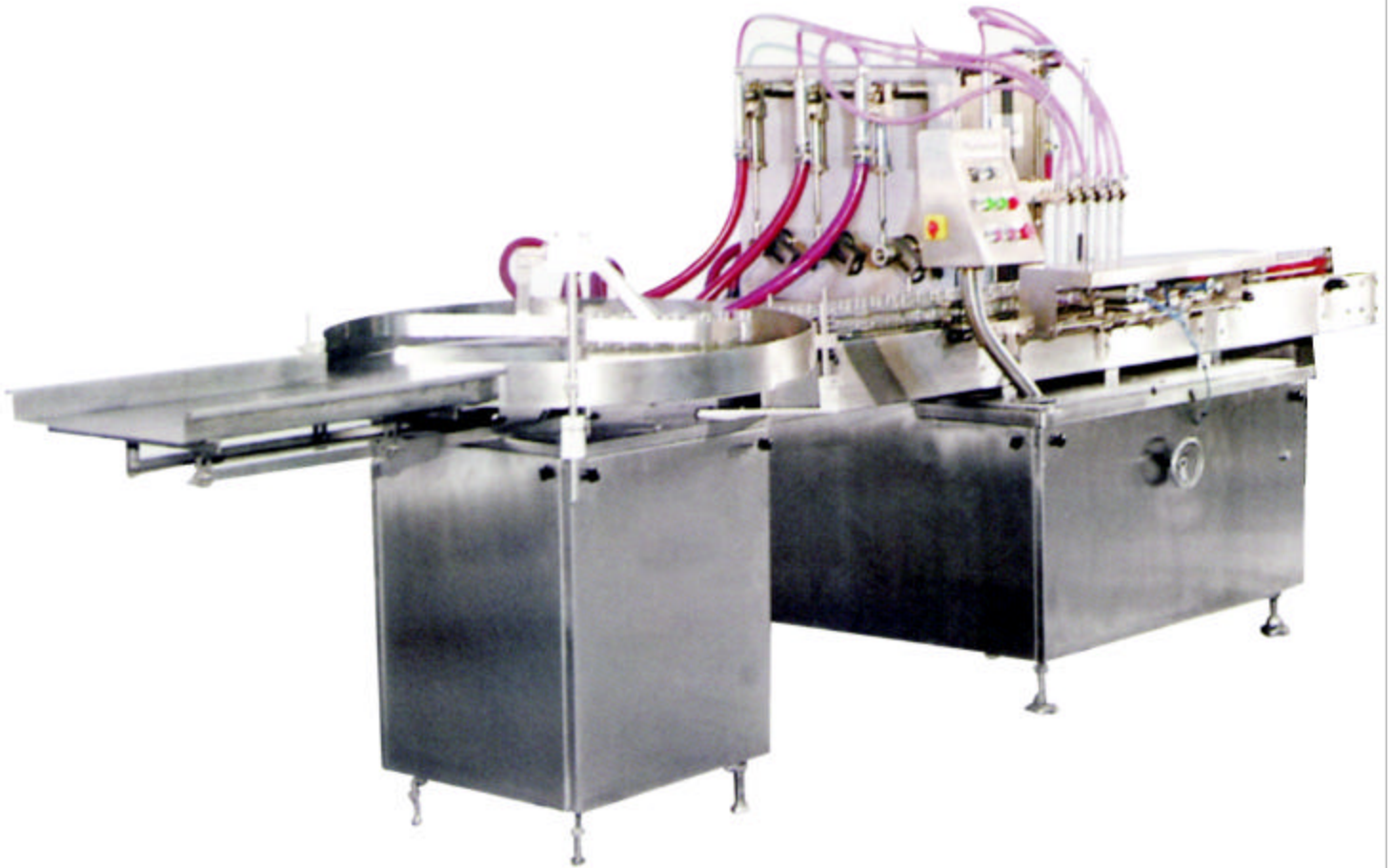


AUTOMATIC LIQUID FILLING MACHINE



The unit works on volumetric principle. The unit is available in 4/6/8 Head model. The unit consists of syringes of suitable capacity connected to respective nozzles. The size and type of the nozzle depends on the liquid to be filled. To minimise foaming, adjustable diving stroke is provided. The bottle stopping mechanism is pneumatically operated and the timing of this is synchronised with respect to bottle filling by adjusting the ring dogs.

The main drive consists of a helical driven by an AC motor controlled by an AC frequency drive. The speed can be set in terms of bottles per minute and the same can be seen on the display. The conveyor drive consists of a hollow shaft, geared motor driven by an AC motor controlled by an AC frequency drive. The speed of the conveyor can be set by a pot.

The machine is provided with two thumb wheel switches, which offers possibility of putting the main motor speed and conveyor speed in memory for seven different combinations and it can be recalled by thumb wheel switch position. This means, the machine speed and the conveyor speed can be pre-set for different fill sizes and need not be changed once set. Hence the change over from fill size to another is within minimum of time.

Special Features

- No Container - No fill arrangement.
- Filling nozzles are diving type; hence no foam formation and spillage of liquid.
- All parts in contact are made of stainless steel and according to the latest GMP norms.
- Low noise level. Lower Power Consumption.
- Container stopping arrangement ensures that the liquid is filled properly in the container.
- Volume adjustment can be done easily.
- No need of foundation, hence erection and commissioning is done easily.

Specifications

6 HEAD

- Containers Per Minute : 60-120* Nos.
- Container Body Dia. (\pm 0.50mm) : 25 to 75mm
- Container Neck Dia. (\pm 0.50mm) : 22 to 53mm
- Container Height (\pm 1.00mm) : 55 to 275mm
- Fill Size (\pm 1% of volume) : 3 to 1000ml
- Main Motor : 1.0HP / 230V / AC / 3PH
- Conveyor Motor : 0.5HP / 230V / AC / 3PH
- Dimensions of Machine [L x W x H] : 2450 x 1100 x 1700mm
- Net Weight [Approx] : 1000Kgs.

*Depending on type of liquid to be filled and container type.