

## *Bottle Screw Capping Machine DTBC-50/100/120S*



The Bottle screw capping machine is used in the packaging industry for cap application of the screw caps. The bottle capping machine is constructed in a stainless steel structure and find application in the bottling, food, cosmetic, chemical and pharmaceutical industry. Bottle cap sealing machine has a cap feeder which serves the continuous feeding of the cap for the filling line. It is also known as the bottle aluminum cap sealing machine and is suitable for capping of different size of bottles. The purpose of sealing of different size of bottles is fulfilled with the change parts. The syrup bottle capping machine is suitable to be operated on any powder or liquid filling line. It is used in the industries having automated online operations and low production requirement. The machine has an efficiency of capping off 50 to 120 bottles per minute. Equipped with an automatic stop mechanism it stops automatically when there is no cap or no bottle. The entire structure of the capping machine is constructed with stainless steel material. The feeding of caps is controlled by a cap feeder equipped with variable speed system. It has a clutch system to avoid the breaking of jamming of bottles. The machine has a single drive synchronizing operation of star wheel and conveyor belt.

### **Salient features**

- Stainless steel structure
- Equipped with automatic stop mechanism
- Variable speed control system
- Minimum maintenance and change
- Easily detachable cap bowl for cleaning
- Clutch system for the safety of bottles

Three models of the machine are manufactured, the technical specifications of which are mentioned in the below table.

<b>MODEL NO.</b>	<b>DTBC-50S</b>	<b>DTBC-100S</b>	<b>DTBC-120S</b>
No. Of Head	Single Head	Four Head	Six Head
Bottle Diameter	Up to 85mm	Up to 85mm	Up to 85mm
Bottle Height	150mm Maximum	150mm Maximum	150mm Maximum
Screw Cap size	22mm, 25mm, 28mm, 32mm & 38mm	22mm, 25mm, 28mm, 32mm & 38mm	22mm, 25mm, 28mm, 32mm & 38mm
Electrical	415V, 3phase Or 220V, 1phase, 50 Hz	415V, 3phase Or 220V, 1phase, 50 Hz	415V, 3phase Or 220V, 1phase, 50 Hz
Power Require	1 H.P.	1 H.P.	1.5 H.P.
Conveyor Height	810 to 850mm	810 to 850mm	810 to 850mm
Dimension	1500mm (L) x 800mm (W) x 1800mm (H)	1800mm (L) x 800mm (W) x 1800mm (H)	2200mm (L) x 800mm (W) x 1800mm (H)
Output	50 / minute	100 / minute	120 / Minute