



Harsiddh Engineering Co.<sup>®</sup>

## ***Bottle Screw Capping Machine HBSC-50/DBSC-100***



Innovations are crucial in the packaging industry to increase efficiency, maximize throughput while at the same time reduce operational costs. Harsiddh offers a modern automatic bottle screw capping machines with the latest cutting edge technology in packaging and automation. The equipment caps bottled products in pharmaceutical, chemical, agrochemical, food and beverages as well as liquor. The equipment is specially fabricated using stainless steel-SS to ensure that machines frame is sturdy, corrosion free and able to give a long maintenance free operation. In addition, parts in contact with food or pharmaceutical products are made of SS to guarantee aseptic packaging.

The bottle screw capper machine is designed and equipped with Orientation type Cap Feeder for continues feeding of Cap for online operation on any liquid or powder filling line. It allows bottles of different sizes, length and shape to be capped using a wide range of cap sizes. The closing torque or force can be adjusted to ensure a tight seal. The in feed and out feed system is specially designed to allow for online process such that bottles from filling machine are synchronously transferred to the capping section. The bottle screw capping machine advance, control systems has sensors to implement “no bottle – no cap”, “no cap – machine stop” and machine stop when bottles jam to prevent breakage. Our machines are CE certified.

Cap sealer machine is suitable for application in Pharmaceutical, Food, Pesticides, Chemical, Beverages, Liquor and other packaging industries having lower and higher production requirement with automatic online operation.

### **Features:**

- On-line operation.
- No Bottle – No Cap System.
- No Cap – Machine Stop System.
- Machine construction in Stainless Steel Finish.

- Hopper can be completely dismantled for easy cleaning .
- Various safety features including Clutch system to avoid Bottle Breakage or Jamming.
- Variable frequency drive for easy speed adjustment.
- Single Drive synchronizing operation of Conveyor and Star Wheel.
- Minimum Change over time.
- Compact GMP model.

**Technical Specification:**

<b>Model No.</b>	<b>HBSC-50 (Single Head)</b>	<b>DBSC-100 (Four Head)</b>
Bottle Diameter / Height	Maximum 85 mm Maximum 200 mm	Maximum 85 mm Maximum 200 mm
Bottles Type	Glass & Pet	Glass & Pet
Cap size	22, 25, 28, 32, 38mm	22, 25, 28, 32, 38mm
Power requirements	1 HP 220V 1 Phase OR 415V 3 Phase, 50 Hz	1.5 HP 220V 1 Phase OR 415V 3 Phase, 50 Hz
Output	40 to 50 per minute	80 to 90 per minute
Conveyor Height	800 to 850 mm	800 to 850 mm
Dimension	1300mm(L) x 800mm(W) x 1800mm(H)	1500mm(L) x 800mm(W) x 1800mm(H)