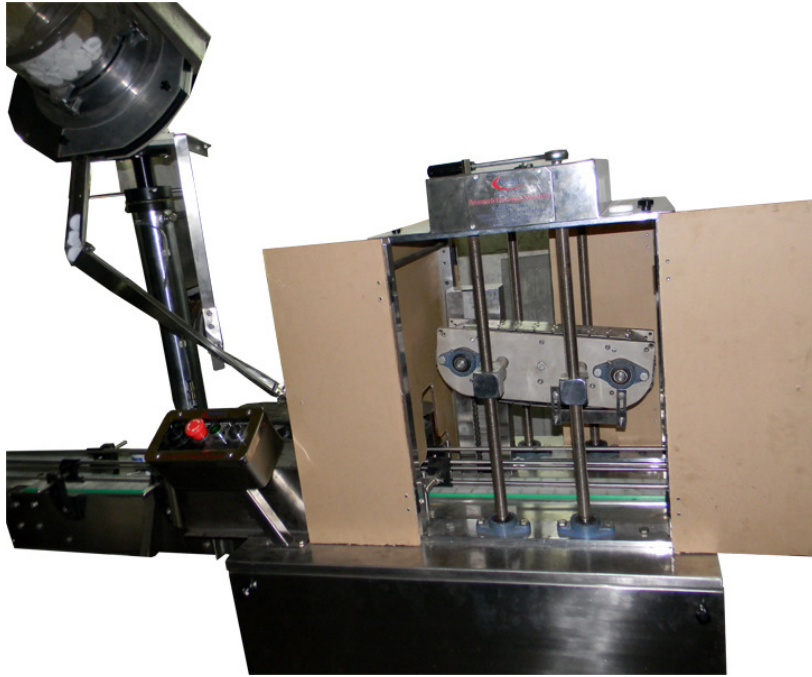


Automatic Cap Placing and Pressing Machines



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continues up-gradation Process)

Specification of the Equipment

Machine's Basics:

Machine Name	Automatic Cap Placing and Pressing Machines
Production Speed Per Hour	3600 to 4800 Bottles per Hour (Speed Depends up on the size of caps & bottles).
Pressing Unit	Belt Type
Caps Feeding	Vibratory Bowl Feeder
Motion	Continues Motion
Suitable for Products	PET & HDPE Bottles ranging from 200 ml to 1000 ml
Application	To Place & Press Caps / Cups / Plugs on the Bottles
Production Efficiency	95%
Rejection Ratio During Production	1%
Speed Synchronization of Top & Bottom Slat Chains	Chain Drive System
Working Height	850 mm +/- 50 mm
Conveyor Length	7 Feet to 8 Feet Depending upon the product
Machine Weight	Approx 450 Kgs
Machine Dimension	Approx 8 (L) x 4 (W) x 7 (H) – in Feet
Change Parts	Required in case of change in Cap Size

Machine's Material of Construction

Machine Main Base Frame	M.S. Powder Coated or Colored
Machine Coverings	Complete in S.S. 304
Product Contact Parts	S.S. 304
Non Contact Parts	S.S / M.S / Aluminium / Teflon (Whichever is applicable)
Conveyor Slat	S.S. 304 Slat with Nylon Strips on Side
Conveyor Shafts	M.S with Hard Chrome or Zinc Plating
Conveyor Sprockets	M.S or Nylon
Bearings	SKF / NTN
Plating(Wherever Applicable)	ENP / Zinc / Hard Chrome / Blackening
Pressing Unit	S.S. 304 Slat
Cap Feeder	Vibratory S.S. Bowl
Vibratory Bowl Mounting Stand	M.S with Powder Coated and S.S. Cladded on TOP
Shute	S.S. 304
Guide Brackets	Moldex Make
Guide Rod & Pin	S.S. 304
Enclosure	3 to 5 MM Acrylic Sheet

Machine's Electronics & Pneumatics Components

Conveyor Motor Make	0.5 H.P Hindustan / Remi / Bonfiglioli / Bonvario
Conveyor Gear Box Make	Hindustan / Remi / Bonfiglioli / Bonvario
Conveyor VFD Make	0.5 H.P Delta
Vibratory Bowl	Vibro-technic
Sensors	Photo Electric Sensors – SICK Make
Electrical Wiring	Ferule Numbering on all the wires with Proper Markings
Electrical Components	ABB / L&T / Siemens Make
Control Panel	Push Buttons.

Machine's Power & Air Consumption Requirement

Power Consumption	0.5 H.P / 230 V.AC
Phase	Single Phase
Compressed Air Required	NIL

Machine's Servicing & Maintenance

Maintenance of Machine	Weekly Oiling & Greasing is Required for smooth functioning of Machine
Machine Cleaning	Advisable to clean machine regularly for smooth functioning of Machine

Optional Accessories (If Required by Customer at Extra Cost)

1. Production Counter
2. Touch Screen PLC – Delta Make.
3. Flame Proof Control Panel & Motor for Flammable Product
4. Mechanical Cap Feeder

Machine's Utility Requirement (Customer need to Arrange)

1. Air Compressor for Compressed Air (If Required)
2. Voltage Stabilizer to control power fluctuation
3. Main Electrical Power Input till Machine
4. Well Trained Operator for Operating the Machine
5. Un-Skilled Helper to help the Operator.