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**Manufacturers of
Pharma Machinery
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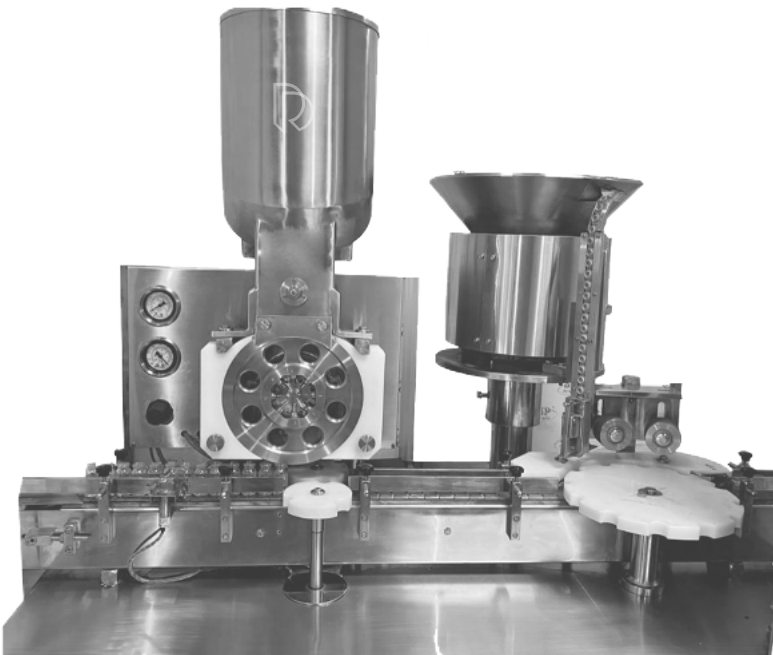


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Powder Filling with Rubber Stopping Machine

Technical Specifications

Direction : Left to Right
Output : 80 to 120 Vial/min
Electrical Rating : 1 hp / 440 volts / 3 phase
: 0.5 hp
Container Size : 25 to 40 mm Dia., Max. Height 75 mm
Fill Size : 50 mg to 1.50 gms
Overall Dimension in mm : 2800(l) X 750(w) X 1600(h) mm
Rubber stoppering size : 20 mm



Salient Features

- Automatic in-feed and exit of vials.
- All contact parts made of SS-316 material with easy removal system for autoclaving/sterilization.
- Hopper can be completely dismantled for easy cleaning.
- Built-in rubber stoppering system
- Multiple dosing system with the help of change parts.
- Safety features as clutch system for Vial Breakage.
- No vial - Filling stop system

Auger Powder Filling Machine

Technical Specifications

Direction : Left to Right
Output : 60 bottle /min
Electrical Rating : 1.5 hp
Power Required : 415 volts / 3 phase/ 50H
Container Size : 25 to 80 mm Dia.
Fill Size : 5 gms to 60 gms
Overall Dimension in mm : 1500(l) X 1000(w) X 1700(h)



Salient Features

- All contact parts are made of SS-316.
- A.C. variable frequency drive speed control.
- No bottle - Filling stop system
- Filling accuracy $\pm 2\%$ depending on powder and controlled humidity below 30% Rh

Four Head Vial Sealing Machine

Technical Specifications

Direction	: Left to Right
Output	: Upto 5000 Vial/hour
Electrical Rating	: 0.25 hp / 1400 RPM Motor for Conveyor Drive : 1 hp / 1400 RPM Motor for Pressing Device Drive : 6 V DC Stepper Motor
Container Size	: 15 to 38 mm Dia., Height 50 to 210 mm
Change Parts	: Star Wheel, Back Guide, Feed Worm, Vibrator Bowl, Delivery chute
Overall Dimension in mm	: 2135(l) X 925(w) X 2350(h)



Salient Features

- Minimum change over and setting time
- Cap Feeder with variable speed system for feeding control of caps.
- Low noise level - Less power consumption.
- Sealing pressure can be varied to suit different gauges and size of caps.
- Machine construction in stainless steel finish.
- Star wheel is equipped with safety clutch for automatic stoppage of machine in case of jamming/overloading.

Automatic Single Head Vial ROPP Cap Sealing Machine

Technical Specifications

Direction	: Left to Right
Output	: 13 to 33mm (Change part included)
Cap Diameter	: (A) 15 to 38 mm Dia.
Cap container Size	: (B) 50 or 210 mm option for other bottle height available : (A) 0.25 hp/ 1400 RPM motor for conveyor drive
Electrical Rating	: (B) 0.25 hp/ 1400 RPM motor for pressing device drive : 230 Volts AC 50Hz
Power characteristics	: 2135 (l) X 925(w) X 2350 (h)
Overall Dimension in mm	: (A) Container: star wheel back guide, feed worm
Change Parts Required	: (B) Cap: Plunger, Delivery chute, Vibratory bowl

Salient Features

- No bottle - No cap system.
- Cap feeder with variable speed system for feeding control of caps
- Minimum change over time
- Machine is constructed of SS-304.
- Specially designed bowl is provide to increase storage capacity of caps.
- Sealing pressure can be varied to suit different gauges and size of caps.
- Low noise level - Less power consumption.



Automatic Four Head Vial Filling With Rubber Stoppering Machine



Technical Specifications

Direction : Left to right
Output Electrical Rating : 2500 to 5000 Vial/hour
Electrical Rating : 220V A.C. single phase power supply.
Container Size : 16 to 50 mm Dia., Max. Height 25 to 50 mm
Syringe Fill Range : 0.1ml to 50ml
Overall Dimension in mm : 2450(l) X 680(w) X 1400(h)
Rubber Stopper Diameter : 13mm & 20mm

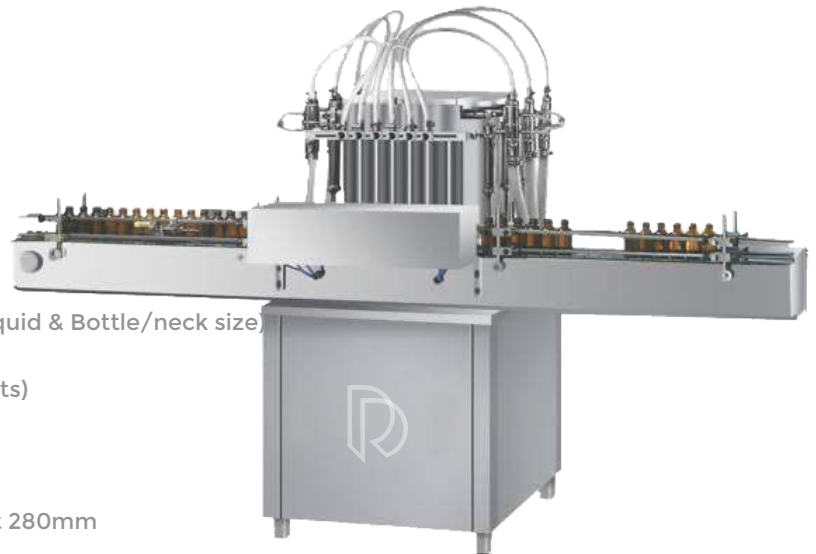
Salient Features

- No vial - Filling stop system
- Machine is constructed of SS-304.
- All contact parts made of SS-316 material with easy removal system for autoclaving/sterilization/cleaning.
- Optional diving nozzle for foam free filling.
- Automatic in-feed and exit of vials.

Bottle/Vial Filling Machine

Technical Specifications

Direction : Left to right
Production speed : 20 to 40 bottle/min
(depends on filling volume nature of liquid & Bottle/neck size)
Filling Nozzles : Four Nozzle (SS 316)
Syringe Fill Range : 10ml to 500ml (with help of change parts)
Overall Dimension in mm : 1830(l) X 800(w) X 1550(h)
Electrical : 220V A.C. Single phase
Power : 2.0 HP
Container Size : 30mm to 100mm Diameter, Max height 280mm



Salient Features

- No Bottle - Filling stop system
- Machine is constructed of SS-304.
- All contact parts made of SS-316 material.
- Minimum change over time.
- Vibration free construction for trouble free performance.
- Automatic in-feed and exit of bottles.
- Pneumatic Control bottle stopper.
- Reciprocating filling nozzle with self centring device to avoid foaming
- Automatic bottle counter system.

Four Head Servo Filling Machine



Technical Specifications

Direction	: Left to right
Production speed	: 20 to 60 bottle/min (depends on filling volume nature of liquid & Bottle/neck size)
Filling Nozzles	: Four Nozzle (SS 316)
Syringe Fill Range	: 50ml to 1000ml
Servo Motor and Driver	: 750 Watt (4Nos) [Make : Delta/Panasonic/Fuji]
HMI & PLC	: 7" (1 No) [Make : Delta/Panasonic/Fuji]
Overall Dimension in mm	: 1300(l) X 1030(w) X 1275(h)
Sensors	: Product sensor & Proxy Sensor
Rotary Gear Pump	: 0.5" SS 316 Gear pump with mounting Bracket.

Salient Features

- No Bottle - Filling stop system
- Machine is constructed of SS-304.
- All contact parts made of SS-316 material.
- PLC and HMI based machine control system
- Automatic in-feed and exit of bottles.
- MCB for overload protection & prevention against shot-circuit
- Automatic bottle counter system.

Automatic Servo Sticker Labelling Machine

Technical Specifications

Direction	: Left to Right
Production Speed	: 80 to 100 bottle /min (depends on container and label size)
Label Accuracy	: ±1% (for wrap around label ±1.5 mm)
Servo Motor and Driver	: 750 Watt (1Nos) [Make : Delta/Panasonic/Fuji]
A.C. Drive	: 1 HP, 240V Single Phase
HMI & PLC	: 4.3" (1 No) [Make : Delta/Panasonic/Fuji]
Sensor	: Gap sensor, Product sensor
Power Characteristics	: 230 Volts AC 50Hz
Overall Dimension in mm	: 1840 (l) X 1300(w) X 1350 (h)
Conveyor Height	: 800mm + 50mm
Input Specification	: (A) Round container dia. : 25 to 80mm
Label Roll Diameter	: (B) Label : 30 to 180mm (LT 16 to 100mm (W))



Rotary Bottle Washing Machine



Technical Specifications

Outside Diameter of : 20mm to 38mm
Neck : Upto 280mm
Height of container : 25mm to 100mm
Diameter of container : 220V A.C. single phase power
Electrical Rating supply.
Output : Upto 6000 Bottles/hour

Salient Features

- The stationary nozzles avoid chipping of bottle necks.
- Four inner, One outer & One airwash.
- Bottle guide system specially for lightweight bottle.
- Geneva Mechanism
- Higher capacity centrifugal pumps to wash bigger bottles (500ml & 1000ml)
- Easy loading unloading with two rows
- Pumps and tanks are mounted on portable stand for easy maintenance
- Individual solenoid valve for each washing sequence, which eliminates carbon plate & other accessories to reduce leakage and low maintenance.

Automatic Self Adhesive Vial/Bottle Sticker Labelling Machine



Technical Specifications

Direction : Left to Right
Output Electrical Rating : Upto 120 containers / minute
Electrical Rating : (A) 0.25 hp / 1400 RPM Gear motor for variable speed.
(B) 0.50 hp / 1400 RPM Motor for pressing device.
Power Characteristics : (C) DC 6V Stepper motor
Construction : 230 Volts AC 50Hz
Overall Dimension in mm : Top stainless steel matt finish & S.S. Pipe
Conveyor Height : 1835 (l) X 600(w) X 1250 (h)
Input Specification : 800mm + 50mm
Label Roll Diameter : (A) Round container dia. : 25 to 80mm
(B) Label : 30 to 180mm (LT 16 to 100mm (W))

Salient Features

- No bottle - Labelling stop system.
- User friendly label placing adjustment.
- Automatic speed control system with help of A.C. drive.
- Machine is constructed of SS-304.
- Automatic bottle counter system.

Turn Table Machine



Technical Specifications

Direction : Clockwise, 360o Rotating
Production speed : Depends upon production line speed
Plate Diameter : 30" (material aluminium)
Electric Motor : 0.5 HP, 415V, Three phase ,1440 RPM
Gear Box : 50 (ratio 50:1)
Dimension in mm : 780(l) X 780(w) X 1060(h)
Power : Single Phase

Salient Features

- Machine is constructed of SS-304.
- Vibration free construction for trouble free performance.
- Special self aligning bearings to ensure smooth operation

Automatic Measuring/Dosing Cup Placement & Pressing Machine

Technical Specifications

Direction : Left to Right
Output : 60 bottle /hour
Electrical Rating : 0.75 hp
Power Required : 415 volts / 3 phase/ 50Hz
Container Size : 40 to 65 mm Dia. Height 90 to 130 mm
Cup Size : 25 to 28 mm Dia. Height 19 to 23 mm
Overall Dimension in mm : 1500(l) X 660(w) X 1500(h)

Salient Features

- Rigid , vibration free construction for trouble free operation and performance.
- Chute's no cup sensing device will stop the machine instantly.
- No change parts required for change over of a container width or diameter as container holding.
- Height adjustable for cup pick up for different heights of container or precise pick up is made simple through a jack.
- Completely synchronised pressing rollers for perfect tight fit cup pressing and easily adjustable device for different height of container.

* Specifications can be customised as per requirement





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