

Manufacture & Exporter
Injectable dry powder filling machines
Dry Syrup powder filling machines
Injectable liquid filling machines
Cap Sealing machine
Labeling machines
External & internal washing



VACUUMTECH ENGINEERS

Plot No. 1&C1-1&D2, Karamjall Estate, Street No R-51
Phase-3, GIDC, Vatva, Ahmedabad, GJ-382445, India
Tel. +91 9998077883 / 9824352257

MFG. PHARMACEUTICAL MACHINES AND SPARES.

Website: www.vacuumech.com Email: vacuumechengineers@gmail.com

COMPANY PROFILE

Vacuumech Engineers is one of the most leading company manufacturing liquid filling machines, powder filling machines, Leaflet Pasting Machine, Capping Machine, Various Washing Machines, Special Purpose Machines & many other packaging Machines.

Originally incorporated as Vikram Engineering Company in 1992, the group has grown manifold in terms of size, production capacity and global reach.

We hold good reputation in the market for manufacturing, designing, installing and commissioning, advanced machines as per customer specifications. We are exceeding customer expectations through cutting technology, efficient leadership, professional approach and engineering excellence. Moreover, we upgrade our machines and tools as per the latest technology helping us in meeting the challenges arising out of the needs of diverse industries. We are proudly exporting our products to international market like Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, Antigua And Barbuda, Argentina, Armenia, etc.

Few of our valued customers in India are **ADORE PHARMACEUTICALS, AJANTA, ASTRAL PHARMA, AMTIK (PENZOIL), BIO-CHEM PHARMA INDUSTRIES, CHERYL PHARMA, CADILA-ZYDUS, CIPLA LTD, EMAMI, J.B. CHEMICALS, DAWA LIMITED, MARCK, MARICO, NORRIS, HEALTH BIOTECH (P) LTD., HINDUSTAN DISTILLERIES., INTAS PHARMACEUTICALS, OPHTHAL REMEDIES, SOUTHERN AGRIFURANE INDUSTRIES (M.G.M.), PARENTAL DRUGS INDIA LTD, SAMRUDH PHARMA. PVT. LTD. SCHON PHARMACEUTICAL LTD, RANBAXY LABORATORIES LTD., TORQUE PHARMA. PVT. LTD, TAURUS PHARMACEUTICALS., KWALITY PHARMA. PVT. LTD, UNIQUE PHARMA, MIDAS DISTILLERIES, UMEDICA PHARMACEUTICALS, VILCO LAB, ZANDU, RANBAXY, VENUS REMEDIES, INDOVAX & ETC.** Also we are doing business globally & our machines are working in countries like AFRICA, BANGLADESH, BRAZIL, BELGIUM, KENYA, RUSSIA, SOUTH AFRICA, U.A.E., UGANDA & etc. For more details kindly refer our website www.vacuumech.com.

We have highly expertise, skilled and dedicated team to develop the impeccable quality machines which have optimum operating efficiency and minimum downtime. We attribute all our success to our team which enables us to achieve an enviable market position in the industry. Continual motivated work force and commitment from management has helped us to maintain a steady pace at all times.

A Successful project management required in-depth technical knowledge, discipline of planning, organizing, securing, and managing resources to achieve specific targets. Continual incorporation of changing technologies, utilizing new techniques, use of innovative methods, optimal utilization of resources and our cutting edge research and development facilities have expanded our product range to keep up with the international trends.

Bottle Washing

BOTTLEWASH-60/90 - Offline / Semi-Automatic Rotary Bottle Washing Machines

OVERVIEW

The Rotary Washing Machine operates on the rotary "GENEVA" mechanism and requires manual loading & unloading of Containers / Bottles / Vials, with using of different washing media or sequence machine is able to clean bottle properly as per GMP requirements, This rigid machine having many key feature with elegant look.



SPECIAL FEATURES :

- 16 Jets for each washing zones
- All contact parts made of SS-316 material
- Machine construction is in SS-304 material
- Suitable for 15 ml to 1000 ml Bottle Size*
- Machine with Geneva-Cam Mechanism
- Washing sequence can be made as per customers requirements.
- Built-in 2 Pumps and 2 Tanks
- Machine main drive with Safety Clutch System

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Suitable for :	15 ml to 1000 ml Bottles*
Water Consumption :	450 to 650 Litre per hour
Washing Zone :	Four zone can be set as per required sequence
Water Tank :	2 nos. Each with 50 Ltrs. Capacity Product Diameter : 85 mm* Maximum
Electric Supply :	415 VAC Three Phase Power Supply
Power :	2.5 H.P.
Speed :	Max. 90 Bottles per minute for BOTTLEWASH-90 and 60 bottles per minute for BOTTLEWASH-60
Overall Dimensions :	BOTTLEWASH-90 :- 2125 mm (L) x 1835 mm (W) x 1550 mm (H)

* Specification can be changed as per customers requirements

Bottle Washing

LINEARWASH-120/240- AUTOMATIC LINEAR TUNNEL TYPE BOTTLE/VIAL WASHING MACHINE.

OVERVIEW

The Automatic Linear Tunnel type Bottle/ Vial Washing Machine Model LINEARWASH-120/240, is suitable for Round as well as Flat Shaped Glass, PET, Plastic Bottles sizes of appx. 30ml to 200ml pack size with maximum speed of 120 / 240 Bottles per minute. Machine construction in fully Stainless Steel finish including machine frame structure. All parts coming in contact with Washing Zone and Jets are made from SS 316 Materials. Machine with applications in Pharmaceuticals, Foods, Distilleries and many more industries. Intermittent handling of containers ensures the maximum time for washing and also saves the Water through intermittent Washing system and machine spray water once the nozzle start entering the bottle neck. Machine also offers various customised options for washing sequence as per customers requirements. Washing process takes place with Five different Washing Zones each with 10 nozzles for optimum washing. Machine also equipped with external washing of Bottles.



SPECIAL FEATURES :

- 60 Jets for 6 washing internal zone
- 20 Jets for External Wash (2 row x 10)
- 25 Channel with 10 Pocket on each channel (250 Pocket)
- All contact parts made of SS316 material
- Machine construction in SS304 material
- Suitable for 10ml to 200ml Bottle Size*
- Washing sequence can be made as per customers requirements.
- Built-in 2 Pumps and 2 Tanks
- Each washing zone with independent circuit to avoid contamination
- Automatic Infeed and Exit of Bottles

Technical Specification of the Equipments

Suitable for :	30ml to 200ml Bottles,
Bottle Size :	32mm to 60mm Diameter and 38mm to 180mm Height*
Washing type :	Linear Continues Motion with Stationery Drive
Air Consumption :	12 to 15 CFM
Water Consumption :	450 to 600 Litre per hour for each washing zone (depending on bottle size)
Washing Zone:	Five zone can be set as per required sequence
Pumps and Water Tank :	2nos. Each 6000 Ltr. Per our capacity Centrifugal Pump and 50 Ltrs. Tank
Compressed Air :	30 CFM
Electrical :	415 VAC 3 Phase 50Hz and 220 VAC Single Phase Power Supply (50/60 Hz)
Power :	4.0 H.P.
Speed :	Max. 120 Bottles per minute depending on Bottle Size
Conveyor Height :	815-940 mm
Overall Dimensions :	2700 mm (L) x 1400 mm (W) x 1550mm (H)

* Specification can be changed as per customers requirements

Bottle Washing

AIRWASH-4/6/8H- Automatic Four/Six/Eight Head Air Jet Cleaning Machine for Bottle

OVERVIEW

The Automatic Four/Six / Eight Head Air Jet Cleaning Machine Model AIRWASH-4/6/8H with speed of Max. 60/80/120 bottles per minute.

The AirJet Cleaning Machine applies Compressed Air through Jets and also sucks thorough Vacuum. Machine can be used to clean Glass/Plastic/PET Bottles, Jars etc. Machine suitable for cleaning of non-sterile products like Dry Syrups, and Bulk Packing of Tablets and Capsules.

SPECIAL FEATURES :

- 60 Jets for 6 washing internal zone
- 20 Jets for External Wash (2 raw x 10)
- 25 Channel with 10 Pocket on each channel (250 Pocket)
- All contact parts made of SS316 material
- Machine construction in SS304 material
- Suitable for 10ml to 200ml Bottle Size*
- Washing sequence can be made as per customers requirements.
- Built-in 2 Pumps and 2 Tanks
- Each washing zone with independent circuit to avoid contamination
- Automatic Infeed and Exit of Bottles



Technical Specification of the Equipments

Product Diameter :	Upto 90 mm*
Product Height :	150 mm*
Electrical :	415VAC Three Phase Power Supply (50 Hz) and 220 VAC 1 Phase Power Supply
Power :	2.0 H.P.
Compressed Air Consumption :	100cfm to be provided by customer
Vacuum Pump/Line :	300 Ltr. Capacity to be provided by customer
Speed :	Upto 150 per minute depending on bottle size
Conveyor Height :	875 to 950 mm Adjustable
Overall Dimensions :	2700 mm (L) x 780 mm (W) x 1300 mm (H)

* Specification can be changed as per customers requirements

Bottle Washing

AIRWASH-120/240.INV - Automatic Inverted type Air Jet Cleaning Machine

OVERVIEW

The Automatic INVERTED type Air Jet Cleaning Machine Model AIRWASH-240INV with speed of Max. 120/240 bottles per minute.

The AirJet Cleaning Machine applies Compressed Air through Jets and also sucks thorough suction blower. Machine can be used to clean Glass, Plastic, PET, HDPE, LDPE Bottles, Jars etc. Machine suitable for cleaning of non-sterile products like Dry Syrups, and Bulk Packing of Tables and Capsules.

Machine feed Bottles in upright position via an unscrambler and bottles get inverted in mouth down position and moves in Linear motion through starwheel to the chamber which under negative pressure which cleans the bottle. A series of Nozzle Blow Air in the Bottles for Cleaning. Machines unique design, invert the bottle with smooth travel path and also again transfer the bottle in vertical condition ensure trouble free cleaning operation of bottles at higher speed. Machine with easy change over system for change in bottle shape/size.

SPECIAL FEATURES :

- Easy change over system from one bottle to another bottle
- 2 Nozzle for Cleaning / Blowing Air
- Fully Stainless Steel Finish
- Simple Change over for different size
- Bottle cleaning in inverted position
- Optional A.C. Variable Frequency Drive System.

Technical Specification of the Equipments

Product Diameter :	Upto 65 mm*
Electrical :	415VAC Three Phase Power Supply (50 Hz) and 220 VAC 1 Phase Power Supply
Power :	3.0 H.P.
Compressed Air :	Filtered 6 to 10 Bar for Air Jet Cleaning Machine to be provided by customer only.
Speed :	Upto 120/240 per minute depending on bottle size
Conveyor Height :	825 mm Adjustable
Overall Dimensions :	2800 mm (L) x 780 mm (W) x 1125 mm (H)

* Specification can be changed as per customers requirements



Liquid Filling

LIQFILL-20 SEMI AUTOMATIC VOLUMETRIC LIQUID FILLING MACHINE



OVERVIEW

Semi Automatic Twin Head Volumetric Liquid Bottle Filling Machine Model LIQFILL-20 is suitable for Round or Flat shape Bottles or Vials with maximum speed of 25 Products per minute. The Machine can give speed of 20 to 25 per minute depending on nature of Liquids, Neck Diameter of Bottle/container and Fill Volume. Machine suitable for small volume production having multiple products. Machine construction in Stainless Steel finish with Twin Head Operation. All parts coming in contact with Liquids are made from SS 316 Materials.

SPECIAL FEATURES :

- Minimum change overtime from one size to another container or fill size
- SS Elegantly matt finished body
- Drain tray around machine platform
- MCB for over load protection, and prevent against short circuit
- All contact parts are made of SS 316 material with easy removal system for Auto-Claving/Sterilization/cleaning
- Machine construction in SS 304 material
- Very High Fill Accuracy
- Optional A.C. Variable Frequency Drive System.

Technical Specification of the Equipments

Model:	VSLF-40
Output/Hour*	700 to 2400
Number of heads / Syringes	2 Nos.
Fill Size **	5 ml to 1000 ml
Electric Specifications	0.5 HP / 415 Volts / 50 Hz (Main Machine)
Change parts required	(A) Syringes (B) Nozzle (C) Inlet & outlet hose pipe
Overall Dimensions :	1800 mm (L) x 780 mm (W) x 1125 mm (H)

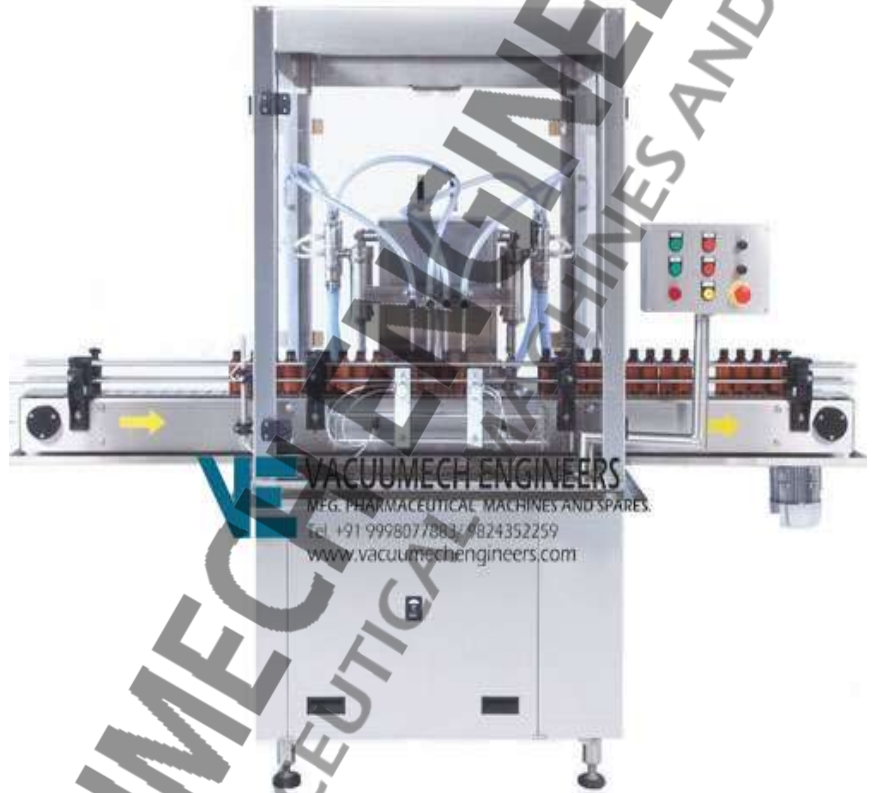
* Specification can be changed as per customers requirements

Liquid Filling

LIQFILL-35/60/80/120 AUTOMATIC TWO/FOUR/SIX/ EIGHT HEAD VOLUMETRIC LIQUID FILLING MACHINE

Overview

The Automatic Two Head Volumetric Linear Liquid Bottle Filling Machine, Model LIQFILL-35/60/80/120 is suitable for Bottles with maximum speed of 25 TO 120 Bottles per minute. The output of Bottle Filling Machines depending on nature of Liquids, Bottle Diameter, Bottle Height, Bottle Neck Size and Fill Volume. Machine construction in fully Stainless Steel finish including machine frame structure. Machine with Optional Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing Bottles for smoother operation. All parts coming in contact with Liquids are made from SS316 Materials.



SPECIAL FEATURES :

- Minimum change overtime from one size to another container or fill size
- SS Elegantly matt finished body
- Drain tray around machine platform
- MCB for over load protection, and prevent against short circuit
- All contact parts are made of SS 316 material with easy removal system for Auto-Claving/Sterilization/cleaning
- Machine construction in SS 304 material
- Very High Fill Accuracy
- Optional A.C. Variable Frequency Drive System.

Technical Specification of the Equipments

Technical Specifications					
Model		VALF-50	VALF-100	VALF-150	VALF-200
Output/Hour*		1200 to 3000	2400 to 6000	3600 to 9000	5000 to 12000
Direction of Movement		Left to Right			
Number of head/Syringe		2 Nos.	4 Nos.	6 Nos.	8 Nos.
Fill Size**		5 ml to 1000 ml			
Electric Specifications	Main Machine	1 HP / 415 Volts / 50 Hz.		2 HP/ 415 Volts / 50 Hz.	
	Conveyor	0.5 HP / 415 Volts / 50 Hz.			
Height of Conveyor		860 mm ± 50 mm Adjustable.			
Change parts required		(A) Syringes, (B) Nozzle, (C) Inlet & outlet hose pipe.			

* Specification can be changed as per customers requirements

Liquid Filling

LIQFILL-50/100/150 AUTOMATIC FOUR/SIX/EIGHT HEAD LINEAR LOBE PUMP LIQUID FILLING MACHINE

OVERVIEW :

The Automatic 2/4/6/8 Head Linear Lobe Pump Liquid Bottle Filling Machine, Model LIQFILL-50/100/150 is suitable for Bottles with maximum speed of 50/80/120 Bottles per minute. The output of Bottle Filling Machines depending on nature of Liquids, Bottle Diameter, Bottle Height, Bottle Neck Size and Fill Volume. Machine construction in fully Stainless Steel finish including machine frame structure. Machine with Optional Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing Bottles for smoother operation. All parts coming in contact with Liquids are made from SS316 Materials.



SPECIAL FEATURES :

- No change Part Required in Different Filling Size.
- Minimum charge overtime from one size to another container or fill size
- SS Elegantly matt finished body
- Drain tray around machine platform
- MCB for over load protection, and prevent against short circuit
- All contact parts are made of SS 316 material with easy removal system for Auto-Claving/Sterilization/cleaning.
- Machine construction in SS 304 material.
- Very High Fill Accuracy

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Model	VAPLF-50	VAPLF-100	VAPLF-150	VAPLF-200
Output/Hour*	1200 to 3000	2400 to 6000	3600 to 9000	5000 to 12000
Direction of Movement	Left to Right			
Number of head/Syringe	2 Nos.	4 Nos.	6 Nos.	8 Nos.
Fill Size**	5 ml to 5000 ml			
Electric Specifications	Main Machine	1 HP / 415 Volts / 50 Hz.		2 HP/ 415 Volts / 50 Hz.
	Conveyor	0.5 HP / 415 Volts / 50 Hz.		
Height of Conveyor	860 mm ± 50 mm Adjustable.			
Change parts required	(A) Nozzle, (C) Inlet & outlet hose pipe.			

* Specification can be changed as per customers requirements

Dry Syrup Powder Filling

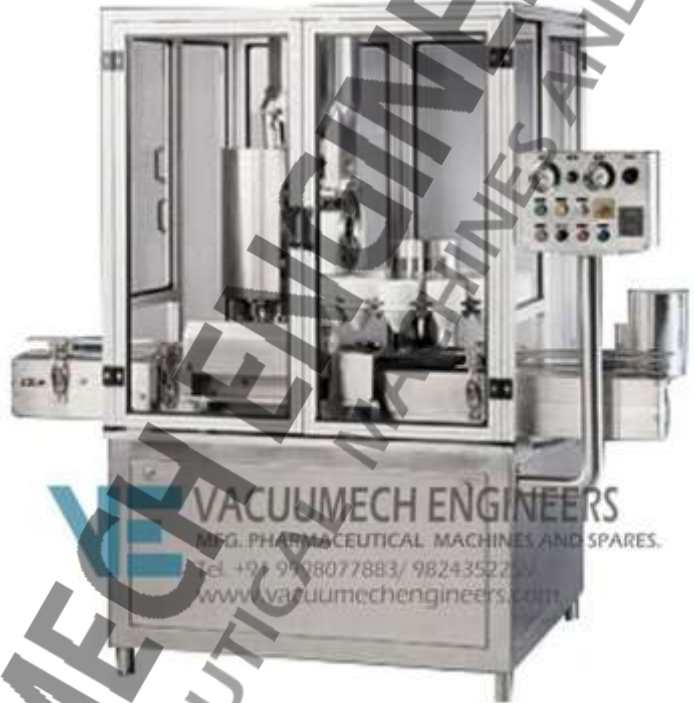
VDSPF-60/80/120R - Automatic 8/12/16 Head Rotary Dry Syrup Powder Filling Machine

OVERVIEW :

The Automatic High Speed 8/12/16 Head Rotary Dry Syrup Powder Filling Machine Model VDSPF-60/80/120R, is suitable for Glass, Plastic, PET, HDPE, LDPE Bottles with maximum speed of 60/80/120 Bottles per minute depending on Powder Fill Volume, Type of Powder, Bottle Diameter and Bottle Neck Diameter.

Machine in Stainless Steel Finish with heavy duty frame structure with S.S, Clading. All parts coming in contact with Powders are made from SS316 Materials as well as HDPE Funnels.

The Machine works on proven time tested Vacuum and Air Systems to Fill powder in Bottle achieving higher speed and higher accuracy. Machine with unique Bottle Lifting and Neck Holding system avoid spillage of powder on bottle shoulder, neck and body keeps bottle clean and also avoid wastage of powder.



SPECIAL FEATURES :

- No Bottle - No Fill System
- Rotary Bottle Movement System with Rotary Funnel System
- Funnel with unique vibratory system for filling semi free flow powder at higher speed
- All contact parts with easy removal system for AutoClaving/Sterilization
- Machine construction in SS304 material
- Filling Accuracy of +/- 1 to 2% depending on powder at controlled humidity below 30% Rh
- Automatic Infeed and Exit of Bottles through Star Wheel System
- No Bottle at infeed conveyor - Automatic Machine on/off system
- Low Air - Machine Stop System
- Low Vacuum - Machine Stop System
- Toughened Glass Safety Cabinet

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Diameter :	Upto 85mm*, Square or Rectangular bottles can be used
Bottle Height :	100mm* Maximum
Fill Range :	5gms. To 70gms. In Single Dose with the help of change parts for different fill volume
Fill Accuracy :	+/- 1 to 2% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P. For Machine and 3.0 H.P. For Vacuum Pump

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Compressed Air :	Filtered, Oil Free 2kg/cm2 provided by customer only
Vacuum :	28" Hg. @ 300 LPM, provided by Customers only, 500LPM recommended
Conveyor Height :	815-940 mm
Overall Dimensions :	2000 mm (L) x 1200 mm (W) x 1800 mm
Speed :	Max. 120 Bottles per minute depending on Bottle Size, Bottle Neck Diameter, Type of Powder and Fill Volume

* Specification can be changed as per customers requirements



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Auger Powder Filling

VAPF-20- Semi Automatic Single Head Augur type Powder Filling Machine

OVERVIEW:

The Semi Automatic Single Head Linear Augur type Powder Filling Machine Model AUGERFILL-20, is suitable for Filling Dry Syrup Powder in various type and shape of bottles with maximum speed of 20 Bottles/pouchs per minute depending on Fill Volume, type of Powder and Bottle Size. Machine with proven Augur type Powder Filling System for filling higher grammage of Powder in Single Dose. All Parts coming in contact with powder are made from SS316, Nylon and HDPE material. Machine with no change parts system for change in Size of Bottles due to pneumatically operated bottle separator system. Machine with built in Turn Table for Round Bottle at the infeed for continues feeding of bottles.

SPECIAL/OPTIONAL* FEATURES :

- Standard as well as Optional Servo Driven Filling Head
- No Bottle - No Fill System
- All contact parts made of SS316 and Nylon/HDPE material with easy removal system for Cleaning
- Machine construction in SS304 material
- C. Variable Frequency Drive Speed Control
- Filling Accuracy of +/- 2% to 3% depending on powder at controlled humidity below 30% Rh
- Built in Turn Tables with Separate Drive for speed control
- Low Air - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operations

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Fill Range :	5gms. To 2 kg . In Single Dose System
Accuracy :	+/- 2 to 3% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P.
Overall Dimensions :	600 mm (L) x 700 mm (W) x 1900 mm
Speed :	Max. 30 Bottles/Pouch per minute

* Specification can be changed as per customers requirements



Auger Powder Filling (Linear)

VAPF-30- Automatic Single Head Augur type Powder Filling Machine

OVERVIEW :

The Automatic Single Head Linear Augur type Powder Filling Machine Model AUGERFILL-30, is suitable for Filling Dry Syrup Powder in various type and shape of bottles with maximum speed of 30 Bottles per minute depending on Fill Volume, type of Powder and Bottle Size. Machine with proven Augur type Powder Filling System for filling higher grammage of Powder in Single Dose. All Parts coming in contact with powder are made from SS316, Nylon and HDPE material. Machine with no change parts system for change in Size of Bottles due to pneumatically operated bottle separator system. Machine with built in Turn Table for Round Bottle at the infeed for continues feeding of bottles.

SPECIAL/OPTIONAL* FEATURES :

- Standard as well as Optional Servo Driven Filling Head
- No Bottle - No Fill System
- All contact parts made of SS316 and Nylon/HDPE material with easy removal system for Cleaning
- Machine construction in SS304 material
- C. Variable Frequency Drive Speed Control
- Filling Accuracy of +/- 2% to 3% depending on powder at controlled humidity below 30% Rh
- Built in Turn Tables with Separate Drive for speed control
- Low Air - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operations

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Product Diameter :	25mm to 200mm*
Product Height :	200mm* Maximum
Fill Range :	5gms. To 2 kg . In Single Dose System
Accuracy :	+/- 2 to 3% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P.
Conveyor Height :	815-940 mm
Overall Dimensions :	1800 mm (L) x 900 mm (W) x 1900 mm
Speed :	Max. 30 Bottles per minute

* Specification can be changed as per customers requirements



CUP Filling (LINEAR)

CUPFILL-30- Automatic Single Head Volumetric Cup type Powder Filling Machine

OVERVIEW :

Volumetric cup fillers offer the oldest and simplest way to fill dry, free-flow products of consistent density such as popcorn, granulated sugar, beans, nuts, seeds, coffee, and kitty litter. Various models address a variety of packaging scenarios ranging from a simple hand fill to interfacing with automatic equipment such as automatic conveyors. Multiple drop units are also available.

Volumetric cup fillers are ideal for filling dry, free flowing products like whole spices, sugar, salt amongst many other machines operate on the principle of VOLUMETRIC PORTIONING with a provision of volume adjustment machine discharges the set quantity of product into pouch/container held under the discharge hopper capability to handle wide range of products and pack sizes easy changeover for different pack sizes all contact parts are made from SS 304/316 simple construction assists maintenance and cleanliness. Available in single and double-headed versions, standalone and with complete automation.

MMC combines Accuracy, Reliability and Speed into one machine and makes your product filling & packing, easy & efficient.

Fills free flowing, Granules, Chemicals, Food-Grains, Seeds, Salt etc



SPECIAL/OPTIONAL* FEATURES :

- Standard as well as Optional Servo Driven Filling Head
- No Bottle - No Fill System
- All contact parts made of SS304 and Nylon/HDPE material with easy removal system for Cleaning
- Machine construction in SS304 material
- A.C. Variable Frequency Drive Speed Control
- Filling Accuracy of +/- 2% to 3% depending on powder at controlled humidity below 30% Rh
- Low Air - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operations

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Product Diameter :	25mm to 200mm*
Product Height :	200mm* Maximum
Fill Range :	5gms. To 500gMS . In Single Dose System
Accuracy :	+/- 2 to 3% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P.
Conveyor Height :	815-940 mm
Overall Dimensions :	1800 mm (L) x 900 mm (W) x 1900 mm
Speed :	Max. 30 Bottles per minute

* Specification can be changed as per customers requirements

Auger Powder Filling (Linear)

VAPF-60- Automatic Double Head Augur type Powder Filling Machine

OVERVIEW :

The Automatic Double Head Linear Augur type Dry Syrup Powder Filling Machine Model AUGERFILL-60, is suitable for Filling Dry Syrup Powder in various type and shape of bottles with maximum speed of 60 Bottles per minute depending on Fill Volume, type of Powder and Bottle Size using Single track twin hopper system. Machine with proven Augur type Powder Filling System for filling higher grammage of Powder in Single Dose. All Parts coming in contact with powder are made from SS316, Nylon and HDPE material. Machine with no change parts system for change in Size of Bottles due to pneumatically operated bottle separator system. Machine with built in Turn Table for Round Bottle at the infeed for continues feeding of bottles.



SPECIAL/OPTIONAL* FEATURES :

- No Bottle - No Fill System
- All contact parts made of SS316 and Nylon/HDPE material with easy removal system for Cleaning
- Machine construction in SS304 material
- C. Variable Frequency Drive Speed Control
- Filling Accuracy of +/- 2% to 3% depending on powder at controlled humidity below 30% Rh
- Built in Turn Table at infeed side with Separate Drive for speed control
- Low Air - Machine Stop System
- Heavy Duty Mounting system for Filling Head for Trouble Free long term operations

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Product Diameter :	25mm to 200mm*
Product Height :	200mm* Maximum
Fill Range :	5gms. To 2 kg. In Double Dose System
Accuracy :	+/- 2 to 3% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Speed :	Upto 60 per minute depending on bottle size
Compressed Air Consumption :	40cfm to be provided by customer
Vacuum Pump/Line :	300 Ltr. Capacity to be with machine
Conveyor Height :	875 to 950mm Adjustable
Overall Dimensions :	1830 mm (L) x 775 mm (W) x 1500 mm (H)
Electric Supply	415VAC Three Phase Power Supply (50 Hz)+ Neutral + Earthing
Electric Load	2 hP
Air Consumption	0.5 CFM @ 6 kg

* Specification can be changed as per customers requirements

Auger Powder Filling (Rotary)

VDSAPF 50/80/120- Automatic 8/12/16 Head Augur type Powder Filling Machine

OVERVIEW :

The Automatic High Speed 8/12/16 Head Rotary Auger Dry Syrup Powder Filling Machine Model VDSAPF-50/80/120R, is suitable for Glass, Plastic, PET, HDPE, LDPE Bottles with maximum speed of 60/80/120 Bottles per minute depending on Powder Fill Volume, Type of Powder, Bottle Diameter and Bottle Neck Diameter. Machine in Stainless Steel Finish with heavy duty frame structure with S.S, Cladding. All parts coming in contact with Powders are made from SS316 Materials as well as HDPE Funnels.

The Machine works on proven time tested Vacuum and Air Systems to Fill powder in Bottle achieving higher speed and higher accuracy. Machine with unique Bottle Lifting and Neck Holding system avoid spillage of powder on bottle shoulder, neck and body keeps bottle clean and also avoid wastage of powder.

SPECIAL/OPTIONAL* FEATURES :

- No Bottle - No Fill System
- All contact parts made of SS316 and Nylon/HDPE material with easy removal system for Cleaning
- Machine construction in SS304 material
- C. Variable Frequency Drive Speed Control
- Filling Accuracy of +/- 2% to 3% depending on powder at controlled humidity below 30% Rh
- Built in Turn Table at infeed side with Separate Drive for speed control
- Low Air - Machine Stop System
- Heavy Duty Mounting system for Filling Head for Trouble Free long term operations

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Diameter :	Upto 85mm, *Square or Rectangular bottles can be used
Bottle Height :	100mm Maximum*
Fill Range :	10gms. To 100gms. In Single Dose with the help of change parts for different fill volume
Fill Accuracy :	+/- 1 to 2% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 30% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P. For Machine and 3.0 H.P. For Vacuum Pump
Compressed Air :	Filtered, Oil Free 2kg/cm ² provided by customer only
Vacuum :	28" Hg. @ 300 LPM, provided by Customers only, 500LPM recommended
Conveyor Height :	815-940 mm
Overall Dimensions :	1700 mm (L) x 1000 mm (W) x 1800 mm
Speed :	Max. 60 Bottles per minute depending on Bottle Size, Bottle Neck Diameter, Type of Powder and Fill Volume

* Specification can be changed as per customers requirements



Viscous Liquid/ Paste Filling

VISCOUSFILL-30- Semi Automatic Single head Viscous Liquid/Paste Filling Machine

OVERVIEW :

Semi Automatic Single Head Volumetric Viscous Liquid/Paste Filling Machine Model VISCOUSFILL-30 is suitable for Round or Flat shape Bottles or Jars with maximum speed of 30 Products per minute. Machine design specially suitable for Viscous Liquid or Gel/Paste which also require to Fill HOT with Temperature of more than 40 degree celcius.

The Machine can give speed of 20 to 30 Products per minute depending on nature of Liquids, Neck Diameter of product and Fill Volume. Machine suitable for Normal as well as Hot type of Liquid/Paste/Gel or Cream.

Machine construction in Stainless Steel finish with Single Head Operation. All parts coming in contact with Liquids are made from SS 316 Materials.

SPECIAL/OPTIONAL* FEATURES :

- Manual Container Placing
- All contact parts are made of SS 304 material with easy removal system for Auto-Claving/Sterilization/cleaning
- Machine construction in SS 304 material
- Very High Fill Accuracy
- Minimum Change Over time



TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Fill Range :	10ml to 1000ml* with the help of Change Parts / Syringes
Accuracy :	+/- 1% Depending on Liquid with Single Dose
Electrical :	220 VAC Single Phase Power Supply (50 Hz)
Overall Dimensions :	800 mm (L) x 900 mm (W) x 1900 mm
Speed :	Max. 30 Bottles per minute depending on Bottle Size and Fill Volume/Weight. Require Filtered Compressed Air to be provided by customer only.
Electric Supply	1 Phase + Neutral + Earthing
Electric Load	1.5 kW

* Specification can be changed as per customers requirements

Viscous Liquid/ Paste Filling

VISCOUSFILL-40/60/80/120- Automatic 1/2/4/8 Head Viscous Liquid Filling Machine

OVERVIEW :

Automatic

Single/Two/Four/Eight Head

Volumetric Viscous

Liquid/Paste Filling Machine

Model VISCOUSFILL-

40/60/80/120 is suitable for

Round or Flat shape Bottles or

Jars with maximum speed of

40/60/80/120 Products per

minute. Machine design

specially suitable for Viscous

Liquid or Gel/Paste which also

require to Fill HOT with

Temperature of more than 40

degree celcius.

The Machine can give speed of

40 to 120 Products per minute

depending on nature of Liquids,

Neck Diameter of product and

Fill Volume. Machine suitable

for Normal as well as Hot type

of Liquid/Paste/Gel or Cream.

Machine construction in

Stainless Steel finish with Single Head Operation. All parts coming in contact with Liquids are made from SS 316

Materials.



SPECIAL/OPTIONAL* FEATURES :

- Manual Container Placing
- All contact parts are made of SS 304 material with easy removal system for Auto-Claving/Sterilization/cleaning
- Machine construction in SS 304 material
- Very High Fill Accuracy
- Minimum Change Over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Fill Range :	10ml to 1000ml* with the help of Change Parts / Syringes
Piston Syringe Fill Range :	10ml to 100ml, 50ml to 500ml, 500ml to 1000ml
Accuracy :	+/- 2 % Depending on Liquid with Single Dose
Speed :	Max. 120 Bottles per minute depending on Bottle Size and Fill Volume/Weight. Require Filtered Compressed Air to be provided by customer only.
Conveyor Height :	800-850 mm
Overall Dimensions :	1830 mm (L) x 900 mm (W) x 1550 mm(H)
Electric Supply	415VAC Three Phase Power Supply (50 Hz)+ Neutral + Earthing
Electric Load	2 hP

* Specification can be changed as per customers requirements

ROPP Capping

ROPP-1H AUTOMATIC SINGLE HEAD ROPP CAP SEALING MACHINE

OVERVIEW :

The Automatic Single Head ROPP Cap Sealing Machine Model VRCS_45, is one of the most user friendly. Suitable for Capping Aluminium Cap on Flat/ Oval/ Square/ Round shape containers with output Up to 40-50 Container per minute depending on products Shape/Size. The feed container moving on conveyor belt are feed into an infeed star wheel, bringing the container below the sealing head in the subsequent indexing part, mean while the bottle pickup a cap from the delivery chute of cap filling bowl, where the body and the neck of the container are positioned below the rotating head, where the sealing head is performing perfect operation of threading & sealing.

Specially designed hopper is provided for more storage capacity, deliver cap to delivery chute with correct position that ensures the perfect position of the cap at the end of delivery chute. The capping head rotate along with the main turret and perform the capping operation.

SPECIAL/OPTIONAL* FEATURES :

- No Bottle - No Cap System
- No Cap - Machine Stop System
- Machine construction in Stainless Steel Finish
- Fully Geared Drive Machine.
- Cap Feeder with Variable Speed System for feeding control of caps.
- Hopper can be completely dismantle for easy cleaning
- Various safety features including Clutch system to avoid Bottle Breakage or Jamming
- Single Drive synchronizing operation of Conveyor and Star Wheel
- Minimum Change over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Diameter :	Up to 85mm*
Bottle Height :	150mm* Maximum
Aluminium ROPP Cap Size :	Applicable for 20mm, 25mm, 28mm or 32mm*
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	1.0 H.P.
Conveyor Height :	815-850 mm
Overall Dimensions :	1500 mm (L) x 735 mm (W) x 1800mm (H)
Speed :	Max. 40 Bottles per minute depending on Bottle and Cap Size

* Specification can be changed as per customers requirements



ROPP Capping

ROPP-60/80/120/240/300R AUTOMATIC 4/6/8/10/12 HEAD ROPP CAP SEALING MACHINE

OVERVIEW :

The Automatic Four Head Rotary Bottle Capping Machine Model CAPSEAL-60/80/120/240/300R for ROPP Cap. Machine is suitable for Round or other shape of Glass, Plastic, PET, LDPE, HDPE Bottles with maximum speed of 300 Bottles per minute depending on Bottle Diameter, Bottle Height, Bottle Shape and Cap Size. Specially Machine construction in Stainless Steel finish including machine M.S. frame structure with Stainless Steel Cladding/Enclosures. The Capping Machine is ideal for application in Pharmaceutical, Food, Pesticides, Cosmetic & Other Industries. The Machine is equipped with Orinetation type Cap Feeder or Vibratory type Bowl Feeder depending on cap shape and size for continues feeding of Cap for online operation on any liquid or powder filling line. Machine suitable for various sizes of Bottles and ROPP Cap with the help of change parts. Capping Machine is suitable for application in Pharmaceutical and other industries requiring higher production speed on automatic online operation.



SPECIAL/OPTIONAL* FEATURES :

- No Bottle - No Cap System
- No Cap - Machine Stop System
- Machine construction in Stainless Steel Finish
- Fully Geared Drive Machine.
- Cap Feeder with Variable Speed System for feeding control of caps.
- Hopper can be completely dismantle for easy cleaning
- Various safety features including Clutch system to avoid Bottle Breakage or Jamming
- Single Drive synchronizing operation of Conveyor and Star Wheel
- Minimum Change over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Diameter :	Up to 85mm*
Bottle Height :	150mm* Maximum
Aluminium ROPP Cap Size :	Applicable for 20mm, 25mm, 28mm or 32mm*
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	1.0 H.P.
Conveyor Height :	815-850 mm
Overall Dimensions :	1500 mm (L) x 735 mm (W) x 1800mm (H)
Speed :	Max. 300 Bottles per minute depending on Bottle and Cap Size

* Specification can be changed as per customers requirements

Screw Capping

SCREW-1H AUTOMATIC SINGLE HEAD PLASTIC SCREW CAPPING MACHINE

OVERVIEW :

The Automatic Single Head Bottle Plastic Screw Capping Machine Model VSCS 45, is suitable for Round Bottles with maximum speed of 40 Bottles per minute. Specially Machine construction in Stainless Steel finish including machine M.S. frame structure with Stainless Steel Cladding/Enclosures.

The Machine is equipped with Orientation type Cap Feeder for continues feeding of Cap for online operation on any liquid or powder filling line. Machine suitable for various sizes of Bottles as well as Screw Cap with the help of change parts. Capping Machine is suitable for application in Pharmaceutical, Food, Pesticides, Chemical, Beverages, Liquor and other packaging industries having lower production requirement with automatic online operation.



SPECIAL FEATURES :

- No Bottle - No Cap System
- No Cap - Machine Stop System
- Machine construction in Stainless Steel Finish
- Cap Feeder with Variable Speed System for feeding control of caps.
- Hopper can be completely dismantle for easy cleaning
- Various safety features including Clutch system to avoid Bottle Breakage or Jamming
- Single Drive synchronizing operation of Conveyor and Star Wheel
- Minimum Change over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Diameter :	Up to 85mm*
Bottle Height :	150mm* Maximum
Plastic Screw or CRC Cap Size :	Applicable for 22mm, 25mm, 28mm or 32mm and 38mm*
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	1.0 H.P.
Conveyor Height :	815-850 mm
Overall Dimensions :	1500 mm (L) x 735 mm (W) x 1800mm (H)
Speed :	Max. 40 Bottles per minute depending on Bottle and Cap Size

* Specification can be changed as per customers requirements

Screw Capping

SCREW-60/80/120/240/300R AUTOMATIC 4/6/8/10/12 HEAD SCREW CAP SEALING MACHINE

OVERVIEW :

The Automatic Six Head Rotary Bottle Screw Capping Machine Model VSCS-120 for Plastic Screw Cap. Machine is suitable for Round or other shape of Glass/Plastic/PET/HDPE or LDPE Bottles with maximum speed of 80 Bottles per minute depending on Bottle Diameter, Bottle Height, Bottle Shape and Cap Size. Specially Machine construction in Stainless Steel finish including machine M.S. frame structure with Stainless Steel Cladding/Enclosures. The Capping Machine is ideal for application in Pharmaceutical, Food, Pesticides, Cosmetic & Other Industries.

The Machine is equipped with Orinetation type Cap Feeder or Vibratory type Bowl Feeder depending on cap shape and size for continues feeding of Cap for online operation on any liquid of powder filling line. Machine suitable for various sizes of Bottles and Plastic Screw Cap with the help of change parts. Capping Machine is suitable for application in Pharmaceutical and other industries requiring higher production speed on automatic online operation.



SPECIAL FEATURES :

- No Bottle - No Cap System
- No Cap - Machine Stop System
- Machine construction in Stainless Steel Finish
- Infeed and Exit Star Wheel with Overload Clutch System to avoid Bottle breackage
- Single Drive Synchronizing Total Operation of Star Wheel and Turret with Star Wheel
- Cap Feeder with Variable Speed System for feeding control of caps.
- Minimum Change Over and Setting time
- Hopper can be completely dismantle for easy cleaning
- Various safety features including Clutch system to avoid Bottle Breakage
- Single Drive synchronizing operation of Conveyor and Star Wheel
- Minimum Change over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Bottle Size :	Diameter Up to 85mm* or other Shape bottle with proper base
Bottle Height :	300mm* Maximum
Cap Size :	Upto 32mm*
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	3.0 H.P.
Conveyor Height :	850-900 mm
Overall Dimensions :	2400 mm (L) x 1000 mm (W) x 2000 mm (H)
Speed :	Max.300 Bottles per minute depending on Bottle and Cap Size

* Specification can be changed as per customers requirements

STICKER LABELING

LABELSTIK-100- Automatic Sticker Labelling Machine

OVERVIEW :

The Automatic Vertical Wrap Around Sticker Labelling Machine for Round Product Model LABELSTIK-100R, is one of the most user friendly. Suitable for applying Front, Back or Side Labels on Flat/Oval/Square/Round shape containers with output Up to 120 Labels per minute depending on products Shape/Size and label size. Automatic Product Alignment system synchronised with top holding belt system. The Machine incorporates latest sophisticated Micro Processor Control Label Dispensing system with user friendly Sensing system for Label and Product. Machine also available with Optional Wrap-Round System makes it more flexible to use for Applying Single Side Label on Flat Bottles or Applying Wrap Round Label on Round Products.

SPECIAL FEATURES :

- Colour Touch Screen Operation control
- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line InkJet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finish Machine
-

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 70 mm Standard*
Label Length :	12 mm to 120mm Appx.*
Label Roll Dia. :	300 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Diameter :	15 mm to 70 mm*
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	1.5 Amp.
Capacity :	0.75 Kw
Speed :	Up to 100 Labels per minute depending on Product and Label Size
Conveyor height :	830-875 mm*
Overall dimension :	1770 mm(L) X 700 mm(W) X 1000 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements



STICKER LABELING

LABELSTIK-100F Automatic Single Side Flat Bottle Sticker Labelling Machine.

OVERVIEW :

The Automatic Vertical Linear Sticker Labelling Machine Model LABELSTIK-100F, is one of the most user friendly. Suitable for applying Front, Back or Side Labels on Flat/Oval/Square/Round shape containers with output Up to 100 Labels per minute depending on products Shape/Size and label size. Automatic Product Alignment system synchronised with top holding belt system. The Machine incorporates latest sophisticated Micro Processor Control Label Dispensing system with user friendly Sensing system for Label and Product. Machine also available with Optional Wrap-Round System makes it more flexible to use for Applying Single Side Label on Flat Bottles or Applying Wrap Round Label on Round Products.

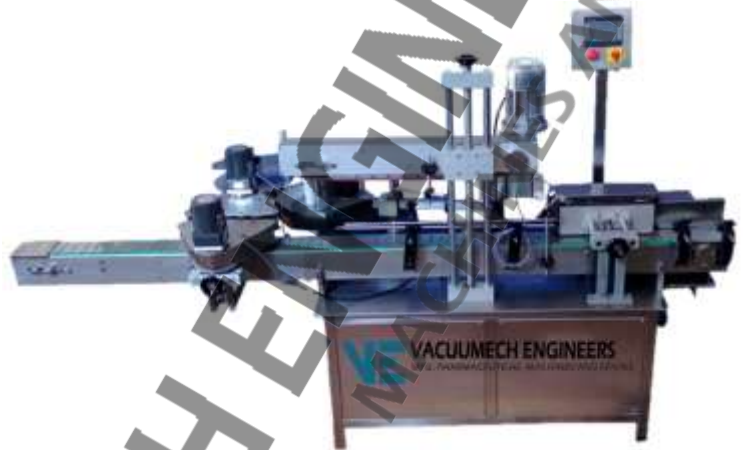
SPECIAL FEATURES :

- Colour Touch Screen Operation control
- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line InkJet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finish Machine

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 70/90/120/150/180 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	300 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Size :	As per customers requirements* Feed Worm and Pocket System require for change in Product Size for Special Machine
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	2.0 Amp.
Capacity :	1 Kw
Speed :	Up to 120 Labels per minute depending on Product and Label Size and upto 250 Labels per minute for Model LABELSTIK-250F, The speed is also depending on stable movement of product on machine conveyor at higher speed.
Conveyor height :	830-875 mm*
Overall dimension :	1830 mm(L) X 910 mm(W) X 1400 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements



STICKER LABELING

LABELSTIK-120F Automatic Double Side Flat Bottle Sticker Labelling Machine(Front and back labeling)

OVERVIEW :

The Automatic Vertical Linear Double Side Flat Sticker Labelling Machine Model LABELSTIK-120FD, is one of the most user friendly. Suitable for applying Front, Back or Side Labels on Flat/Oval/Square/Round shape containers with output Up to 100 Labels per minute depending on products Shape/Size and label size. Automatic Product Alignment system synchronised with top holding belt system. The Machine incorporates latest sophisticated Micro Processor Control Label Dispensing system with user friendly Sensing system for Label and Product. Machine also available with Optional Wrap-Round System makes it more flexible to use for Applying Single Side Label on Flat Bottles or Applying Wrap Round Label on Round Products.



SPECIAL FEATURES :

- Colour Touch Screen Operation control
- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line InkJet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finish Machine

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 70/90/120/150/180 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	300 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Size :	As per customers requirements* Feed Worm and Pocket System require for change in Product Size for Special Machine
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	2.0 Amp.
Capacity :	2 Kw
Speed :	Up to 120 Labels per minute depending on Product and Label Size and upto 250 Labels per minute for Model LABELSTIK-250F, The speed is also depending on stable movement of product on machine conveyor at higher speed.
Conveyor height :	830-875 mm*
Overall dimension :	2230 mm(L) X 910 mm(W) X 1400 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements

STICKER LABELING

LABELSTIK-100T Automatic Top Side Flat Sticker Labelling Machine

OVERVIEW :

The Automatic Horizontal Linear Top Side Sticker Labelling Machine Model LABELSTIK-100T, is one of the most user friendly. Suitable for applying Front, Back or Side Labels on Flat/Oval/Square/Round shape containers with output Up to 100 Labels per minute depending on products Shape/Size and label size. Automatic Product Alignment system synchronised with top holding belt system. The Machine incorporates latest sophisticated Micro Processor Control Label Dispensing system with user friendly Sensing system for Label and Product.

SPECIAL FEATURES :

- Colour Touch Screen Operation control
- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line InkJet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finish Machine

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:



Label Height :	8 mm to 70/90/120/150/180 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	300 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Size :	As per customers requirements* Feed Worm and Pocket System require for change in Product Size for Special Machine
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	2.0 Amp.
Capacity :	1 Kw
Speed :	Up to 120 Labels per minute depending on Product and Label Size and upto 250 Labels per minute for Model LABELSTIK-250F, The speed is also depending on stable movement of product on machine conveyor at higher speed.
Conveyor height :	830-875 mm*
Overall dimension :	1830 mm(L) X 910 mm(W) X 1400 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements

STICKER LABELING

LABELSTIK-200/300- Automatic Super High Speed Vertical Rotary Ampoule/Vial Sticker Labelling Machine.

OVERVIEW :

The Automatic Horizontal Linear Top Side Sticker Labelling Machine Model LABELSTIK-100T, is one of the most user friendly. Suitable for applying Front, Back or Side Labels on Flat/Oval/Square/Round shape containers with output Up to 100 Labels per minute depending on products Shape/Size and label size. Automatic Product Alignment system synchronised with top holding belt system. The Machine incorporates latest sophisticated Micro Processor Control Label Dispensing system with user friendly Sensing system for Label and Product. Machine also available with Optional Wrap-Round System makes it more flexible to use for Applying Top Side Label on Bottle/Box/ Envelop cover/ any Products.



SPECIAL FEATURES :

- Colour Touch Screen Operation control
- No Label Data Input/retrievals require for any Label Size
- No Change Parts for Label size
- Single Pot On-line Speed Variation control
- Synchronized speed of Label Dispensing, Conveyor and Pressing Device
- Virtually Maintenance free machine
- Easy to change label application height
- User Friendly Label Placing Adjustments
- Self Protected against Voltage Fluctuations
- Suitable for On-Line InkJet and Contact Coding System
- Suitable for Partial, Full Wrap Around and Overlap Labelling
- Built In A.C. Variable Frequency Drive System.
- Fully Stainless Steel finish Machine

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 50/70/90 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	400 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Diameter :	Up to 20 mm*
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	2.5 Amp.
Capacity :	0.75 Kw
Speed :	Up to 300 Labels per minute depending on Product and Label Size
Product Feeding Belt height :	850 mm*
Overall dimension :	1950 mm(L) X 1600 mm(W) X 10750 mm (H) with Cabinet 1500 mm (H)

* Specification can be changed as per customers requirements

STICKER LABELING

VSASL-20 SEMI AUTOMATIC STICKER LABELING MACHINE FOR ROUND BOTTLE.



OVERVIEW :

VVSASL is very compact, low-cost self-adhesive label applicator. This machine is suitable to apply full/partial self adhesive label on various size of round bottle. This Model is specially design for low production capacity for light industry.

The SVSASL can apply labels up to 160mm in width to products of variable diameter from a minimum of 25mm to a maximum of 110 mm.

The VVSASL operation requires the operator to manually place the bottle in the labeling position then activate the control lever. Roller rotates the product and applies the label until full adhesion has occurred. The sliding ball guides permit precision labeling, significantly facilitating manual product positioning operations.

The SVSASL is one of the most user-friendly, simple in construction and almost maintenance free. It applies advanced labeling agencies to ensure that the labeling accuracy.

SPECIAL FEATURES :

- Manual bottle placement for Labeling.
- The unit is made compact & versatile as per GMP norms
- Rigid vibration free construction for trouble free performance
- Can be operated by semi-skilled operator
- Few change parts required for different bottles ie. product holding roller & wrapping roller.
- Full / Partial labeling is possible.
- Facility to apply two labels on products at a time with delay.
- Easy to operate by foot mounted switch.
- Machine Suitable for Round Product like Vial/ Bottle/ Jar/ Tin / Can and Container.
- Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3")
- Various label position adjustment with the help of sliding pipe assembly.
- Fiber Optic based Label Gap sensor to sense the gap between two labels (Sensor Make: LEUZE/BANNER/SUNX)
- Most reliable and proven components such as Festo/SMC make pneumatics and electrical/electronic such as Panasonic/Bonfiglioli/Motovario make AC motor, PLC & HMI (Feather touch Keyboard), MCB & relay "X" make

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 200 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	400 mm

Manufacture & Exporter

Injectable dry powder filling machines
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 Injectable liquid filling machines
 Cap Sealing machine
 Labeling machines
 External & internal washing

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Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Diameter :	Up to 25 mm* We need to check actual product samples
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	0.7 Amp.
Capacity :	0.75 Kw
Speed :	20 to 40Products/Minute (Speed depends on product size, label size & manual loading unloading)
Conveyor height :	830-875 mm*
Overall dimension :	550 mm(L) X 500 mm(W) X 500 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements



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STICKER LABELING

VSASL-20 SEMI AUTOMATIC STICKER LABELING MACHINE FOR ROUND BOTTLE.

OVERVIEW :

This unit can be used as Hologram applicator / Label applicator and it is fixed on existing packing line conveyors. The machine operates at the speed up to 100 Products/min. (depending upon product specification). Similarly, it can be used as stand alone unit for labelling where products are firmly hold on conveyor line. The hologram / labels pressing and folding device can be separately fitted as per requirement. The hologram / labels can be folded in 'L' or 'U' shape with special mechanism. The unit can be fixed on counter-rewinder for applying VVM label as well as hologram application on label and film roll for pouches.



SPECIAL FEATURES :

- The unit is made compact & versatile as per GMP norms
- Rigid vibration free construction for trouble free performance
- Full / Partial labeling is possible.
- Facility to apply two labels on products at a time with delay.
- Machine Suitable for Round Product like Vial/ Bottle/ Jar/ Tin / Can and Container.
- Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3")
- Various label position adjustment with the help of sliding pipe assembly.
- Fiber Optic based Label Gap sensor to sense the gap between two labels (Sensor Make: LEUZE/BANNER/SUNX)
- Most reliable and proven components such as Festo/SMC make pneumatics and electrical/electronic such as Panasonic/Bonfiglioli/Motovario make AC motor, PLC & HMI (Feather touch Keyboard), MCB & relay "X" make

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Label Height :	8 mm to 200 mm Standard*
Label Length :	12 mm Minimum
Label Roll Dia. :	400 mm
Core Dia. :	75/76 mm
Gap Between two Labels :	appx. 3 mm
Product Diameter :	Up to 25 mm* We need to check actual product samples
Electrical :	220 VAC Single Phase Power Supply (50/60 Hz)
Power :	0.7 Amp.
Capacity :	0.75 Kw
Speed :	Up to 100 Labels per minute depending on Product and Label Size
Conveyor height :	830-875 mm*
Overall dimension :	750 mm(L) X 500 mm(W) X 1600 mm (H)
Machine Direction of Movement :	Left to Right from operator side

* Specification can be changed as per customers requirements

VIAL CAP SEALING

VIALSEAL-40/80/120/240- Automatic 4/6/8/12 Head Vial Cap Sealing Machine

OVERVIEW :

The Automatic Four Head Rotary Vial Capping Machine Model VIALSEAL-40/80/120/240 for PP/Flipp-Off Aluminium Cap. Machine is suitable for Round Vials with maximum speed of 240 Vials per minute depending on Vial Diameter, Vial Height and Cap Size. Specially Machine construction in Stainless Steel finish including machine M.S. frame structure with Stainless Steel Cladding/Enclosures. Machine can be used for Moulded or Tubular Glass Vials having Plain Aluminium Seals as well as Flipp-Off Seals with common change parts for both type of cap.

Machine with Unique Single Roller Sealing System ensures perfect sealing of vials with lower setting time. The Machine is equipped with Vibratory Bowl Feeder for continues feeding of Cap for online operation on any liquid or powder filling line. Machine suitable for various sizes of Vials as well as Plain / Flipp-Off Cap with the help of change parts. Capping Machine is suitable for application in Pharmaceutical and other industries requiring higher production speed on automatic online operation.

SPECIAL FEATURES :

- No Vial - No Cap System
- No Cap - Machine Stop System
- Machine construction in Stainless Steel Finish
- Infeed and Exit Star Wheel with Overload Clutch System to avoid vial breakage
- Single Drive Synchronizing Total Operation of Star Wheel and Turret with Star Wheel
- Cap Feeder with Variable Speed System for feeding control of caps.
- Minimum Change Over and Setting time
- Spring Loaded Unique Free Spinning Single Sealing Roller
- Hopper can be completely dismental for easy cleaning
- Various safety features including Clutch system to avoid Vial Breakage
- Single Drive synchronizing operation of Conveyor and Star Wheel
- Minimum Change over time

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Vial Diameter :	Up to 45mm*
Vial Height :	75mm* Maximum
Aluminium / Flipp-Off Cap Size :	Applicable for 13mm, 20mm, 32mm or 38mm*
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	2.0 H.P.
Conveyor Height :	800-850 mm
Overall Dimensions :	1830 mm (L) x 650 mm (W) x 1800 mm (H)
Speed :	Max. 240 Vials per minute depending on Vial and Cap Size

* Specification can be changed as per customers requirements



INJECTABLE POWDER FILLING

DRYFILL-120/220i – Automatic Single/Double Head Injectable Powder Filling with Rubber Stoppering Machine



OVERVIEW :

The Automatic Twin Head - Twin Track Injectable Powder Filling with Rubber Stoppering Machine Model DRYFILL-120i.Twin, is suitable for Round Vials with maximum speed of 120 and/or 250 Vials per minute. Specially Machine construction in fully Stainless Steel finish including machine frame structure. Machine with built-in Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing vials for smoother operation. All parts coming in contact with Powders are made from Ss316 Materials.

The Machine is equipped with Single Head Single Track Eight Port Twin Powder wheel, which works on Vacuum and Air Systems to Fill powder in Vials, with on-line Vibrator type Rubber Stoppering system, The stopper inserting system operates in a continuous mode with synchronized speed of machine. Machines with Double Track Vial Moving system having Single Track Twin Head Powder Wheel System, helps to achieve speed of 240 vials per minute using twin track twin head or can be used for Single Head operation also with speed of 120 vials per minute.

SPECIAL FEATURES :

- No Vial - No Fill System
- All contact parts made of SS316 material with easy removal system for AutoClaving/Sterilization
- Machine construction in SS304 material
- Separate Variable Speed Drive for Powder Hopper
- No Crossover Contamination during Charging of Powder due to new Design of Powder Hopper
- Hopper can be completely dismantled for easy cleaning
- Minimum residue of Powder in Hopper at the end of batch resulting in less wastage of powder
- Tool Less adjustment of Doctor Blade and Wiper Blade saves valuable time and easy for setting
- Tool Less change over for Powder Hopper and Well Agitator
- Filling Accuracy of +/- 1% depending on powder at controlled humidity below 30% Rh
- Built in Rubber Stoppering System
- Multiple dosing system with the help of change parts
- Built in Turn Tables with Separate Drive for speed control of infeed and outfeed of vials
- Various safety features including Clutch system for Vial Breackage
- Machine Bottom with all over minimum clearance of 6" Height
- Moving conveyor above the top plate maintaining proper gap for meeting current application needs.
- Automatic Infeed and Exit of Vials
- Powder Hopper for charging with better position and design without crossing the line.

Manufacture & Exporter

Injectable dry powder filling machines
 Dry Syrup powder filling machines
 Injectable liquid filling machines
 Cap Sealing machine
 Labeling machines
 External & internal washing

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 Phase-3, GIDC, Vatva, Ahmedabad, GJ-382445, India
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- No Stopper - Machine Stop System
- Low Air - Machine Stop System
- Low Vacuum - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operation

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Vial Diameter :	25mm to 38mm
Vial Height :	75mm Maximum
Rubber Stopper Diameter :	20mm
Fill Range :	50mg. To 1.5 gms. In Single Dose, 1.5 gms. To 6 gms. In Double, Triple and Four Dose system, Dose system may vari. Depending on combination of Filling Head and Powder Wheel
Accuracy :	+/- 1% Depending upon the Powder, under the controlled level of Humidity
Humidity :	Below 28% Rh required on machine to be arrange by customer
Electrical :	415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power :	4.0 H.P.
Compressed Air :	Filtered, Oil Free 4kg/cm ² provided by customer only
Vacuum :	28" Hg. @ 500 LPM, provided by Customers only, 600LPM recommended
Conveyor Height :	815-940 mm
Overall Dimensions :	3000 mm (L) x1000 mm (W) x 1675 mm* depending on Model
Speed :	Max. 120 and/or 250 Vials per minute in Single Dose, Max. 60/120 Vials per minute in Double Dose, Max. 40/80 Vials per minute in Tripple Dose and Max. 30/60 Vials per minute in Four Dose system

* Specification can be changed as per customers requirements



INJECTABLE LIQUID FILLING

LIQFILL-120/220i – Automatic 4/8/12 Head Injectible Liquid Filling with Rubber Stoppering Machine

OVERVIEW :

The Automatic Eight Head Volumetric Liquid Vial Filling with Rubber Stoppering Machine Model LIQFILL-200IR is suitable for Round Vials with maximum speed of 200 Vials per minute. The Machine can give Maximum speed of 240 Vials per minute depending on nature of Liquids, Vial Neck Size, Fill Volume and Rubber Stopper size. Machine construction in fully Stainless Steel finish including machine frame structure. Machine with built-in Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing vials for smoother operation. All parts coming in contact with Liquids and Rubber Stoppers are made from SS 316 Materials. Machine also available with Vacuumetric type Rubber Stoppering System. It using twin track twin head or can be used for Single Head operation also with speed of 120 vials per minute.



SPECIAL FEATURES :

- No Vial - No Fill System
- All contact parts made of SS316 material with easy removal system for AutoClaving/Sterilization
- Machine construction in SS304 material
- No Vial - No Fill System, No Vial - Machine Stop System
- No Stopper - Machine Stop System
- All contact parts made of SS 316 material with easy removal system for Auto-Claving/Sterilization/Cleaning
- Machine construction in SS 304 material
- Diving Nozzle for Foam free filling
- Very High Fill Accuracy
- Automatic Infeed and Exit of Vials
- Minimum Change Over time
- Built-in A.C. Variable Freq. Drive System Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operation

TECHNICAL SPECIFICATION OF THE EQUIPMENTS:

Vial Diameter :	15mm to 50mm*
Vial Height :	75mm Maximum*
Rubber Stopper Diameter :	13mm and 20mm Dry or Wet Grey Butyl
Fill Range :	1ml to 50ml with help of Change Parts / Syringes
Accuracy :	+/- 1% Depending on Fill Volume and type of Liquid
Electrical :	220 VAC Single Phase Power Supply (50 Hz)
Power :	3.0 H.P.
Speed :	Max. 240 per minute,
Syringe Fill Range:	0.1ml to 1ml, 1ml to 5ml, 2ml to 10ml and 10ml to 50ml
Conveyor Height :	800-850 mm
Overall Dimensions :	3000 mm (L) x 850 mm (W) x 1400 mm (H)

* Specification can be changed as per customers requirements