



SHREEJI FLOWTECH
SYSTEMS

Plug & Play



WWW.SHREEJIFLOWTECH.COM

ABOUT US

Shreeji Flowtech System 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 process & packaging Machines.

We are developing machines of higher capacities employing smart Technology in the field of Food & Beverages, Pharmaceuticals, Chemicals, Pesticides, Oil Plants, Bottling Plants, Cosmetics, Minerals, FMCG, Distilleries, Ayurvedic Herbs and many other various fields.

With our 23 years of experience, we have been able to establish ourselves as a prominent manufacturer, supplier and exporter of Air jet/Washing, Filling, Capping & Labeling Packaging Machines offering end-to-end integrated process & packaging solutions.

Due to our stringent quality management, fair business dealings and ethical strategies, we have become a premium & reliable global brand for one stop comprehensive solution in packaging machinery.

We believe in "Plug & Play" Concept which reflects on our goal to develop most advanced, cost effective and user friendly machines all the time in the Industry.

With the use of state of the art modeling software & Core technical skills, sheer quality control methods, Ample Experience and close co-ordination with clients gives us that confidence to deal with any complex and large scale customized projects and meet special end-user's requirements.

WHY CHOOSE US?

20+ Years of Experience

Expertise Team

Innovative Technologies

Customised Solution



Our Machine will Work Like Your
EXPERT ENGINEERS



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APPLICATION INDUSTRIES

Food & Beverages
Pharmaceuticals
Chemicals
Pesticides
Bottling Plants
Cosmetics

FMCG
Distilleries
Oil Plants
Ayurvedic Herbs
Minerals
Many Other Fields

OUR PRODUCTS



Fully Automatic Machines
with
SMART TECHNOLOGY

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4 HEAD SERVO BASED PISTON FILLING MACHINE



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Description

The horizontal servo volumetric piston is one of the most accurate and versatile type of filler available. It is suitable for handling a wide variety of semi-viscous and High Viscous products.

Volumetric piston is used when a consistent, accurate volume of product is desired. The Servo driven Piston filling feature allows the operator to adjust the fill volume via touch screen located on the operator interface, and comes standard with recipe recall where you can create, copy, and recall. It is also capable of storing over multiple recipes and has the ability of profile filling using accurate.

Servo driven piston filling machines in order to be used for different filling applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Programmable for multi speed and profile filling cycles
- Fast product changeovers
- Integrated fault light and alarm to inform operator production error
- Individual fill volume adjustment for fine tuning
- Diving Nozzle to reduce bubbling of foamy liquids
- Synchronized variable speed control.
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products.
- Piston-syringe size/volume is tailored as per requirement in fill volume.
- No bottle no filling system
- Smooth and accurate container handling
- 100% spillage/drip free
- CIP without open any contact parts
- Fully interlocked guarding for safety
- Designed for easy change-over and cleaning.
- Synchronized variable speed control
- Accurate and repeatable servo control fill volume

6 HEAD SERVO BASED PISTON FILLING MACHINE



www.shreejiflowtech.com

Description

The horizontal servo volumetric piston is one of the most accurate and versatile type of filler available. It is suitable for handling a wide variety of semi-viscous and High Viscous products.

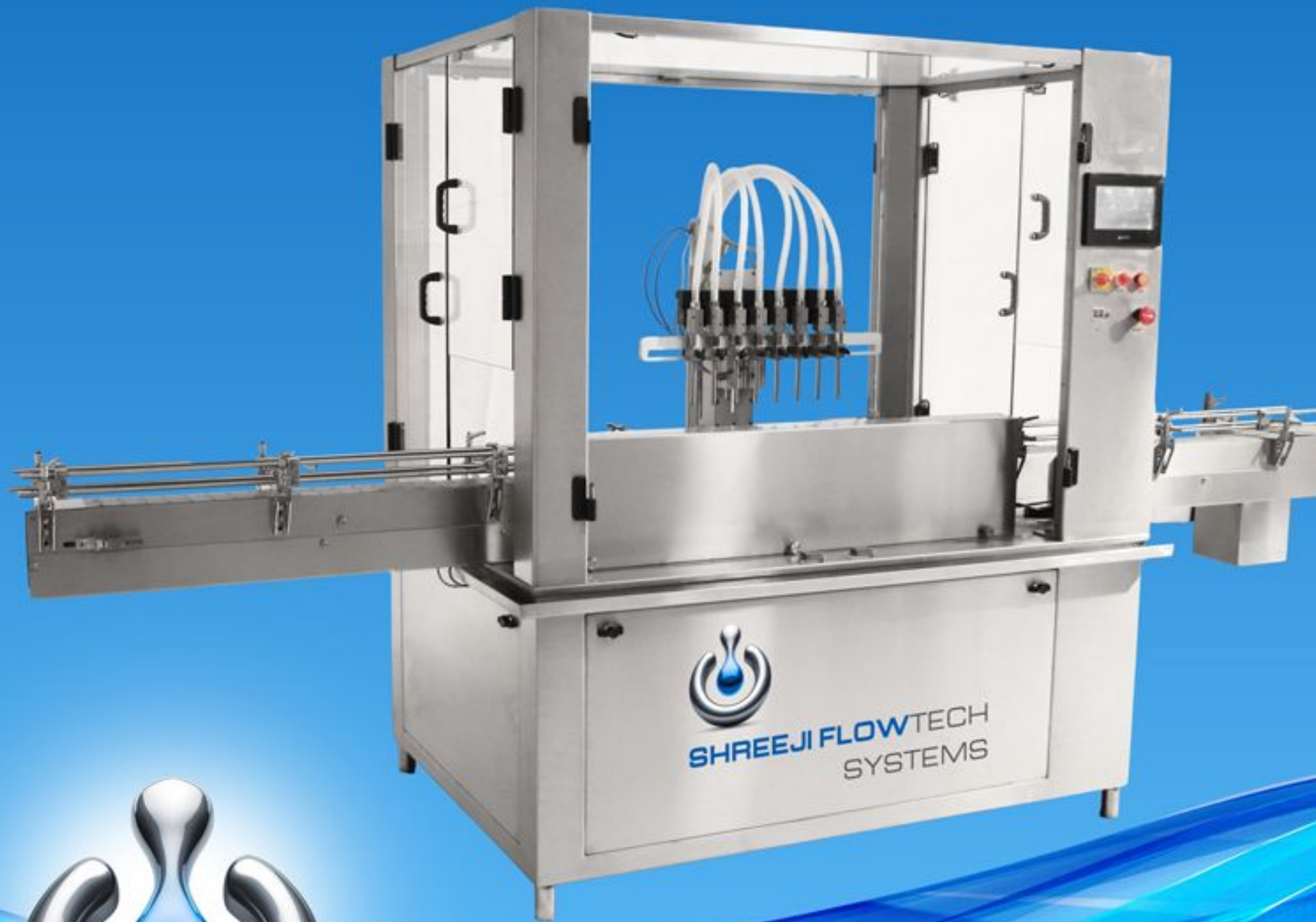
Volumetric piston is used when a consistent, accurate volume of product is desired. The Servo driven Piston filling feature allows the operator to adjust the fill volume via touch screen located on the operator interface, and comes standard with recipe recall where you can create, copy, and recall. It is also capable of storing over multiple recipes and has the ability of profile filling using accurate.

Servo driven piston filling machines in order to be used for different filling applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Integrated fault light and alarm to inform operator production error
- Individual fill volume adjustment for fine tuning
- Diving Nozzle to reduce bubbling of foamy liquids
- Synchronized variable speed control.
- Piston-syringe size/volume is tailored as per requirement in fill volume.
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products.
- Programmable for multi speed and profile filling cycles
- No bottle no filling system
- Smooth and accurate container handling
- 100% spillage/drip free
- CIP without open any contact parts
- Fully interlocked guarding for safety
- Designed for easy change-over and cleaning.
- Synchronized variable speed control
- Accurate and repeatable servo control fill volume

8 HEAD GEAR PUMP / FLOW METER BASED IN-LINE / LINEAR FILLING MACHINE



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Description

Servo Continuous motion & pneumatic diving nozzle based Gear Pump/Flow Meter filling machine offers flexibility for wide range of liquids with ease of simply. Gear pump fillers are positive displacement pumps with self-priming features. Pumps can fill minimum to maximum fill volume without any mechanical setting by HMI such as a flow meter. Gear Pump filling is a cheaper option of flow meter filling.

Gear Pump Filler is accurately measured the revolutions of the pump and motor assembly. Fill rates can be modulated controlling the motor RPM and running time with guaranteed to result in a clean end to your fill cycle.

Flow Meter filling is the ideal solution for conductive and non-conductive liquids with no moving parts in contact with the product regardless its foaminess or viscosity. The system includes automatic 'Recipes' choice from the Human Machine Interface.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction
- No bottle no filling, no bottle no cap release, Out-feed jam machine stop, no cap in chute machine stop, Auto feeder on/off system, Safety door open machine stop
- Machine auto on / off system, Machine will start automatically once bottle enter to the in feed conveyor and stop if bottle absence
- 24VDC motor operated gear pump OR FLOW METER on each head
- Real time no bottles no filling
- Precise filling valve for 100% spillage/drip free on bottle neck and shoulder
- High filling accuracy: $\pm 1\%$
- Programmable for multi speed and profile filling cycles
- Designed for easy change-over and cleaning
- Integrated fault light and alarm to inform operator production error
- Individual nozzle fill volume adjustment by HMI
- Synchronized variable speed control
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Lifetime pre lubricated gear motor for Main drive.
- Tool less adjustable conveyor guide rails to accommodate with different products
- Fully interlocked guarding for machine protection safety
- CIP at temperatures up to 70°C
- Diving Nozzle to reduce bubbling of foamy liquids

8 HEAD SERVO BASED PISTON FILLING MACHINE



Description

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The horizontal servo volumetric piston is one of the most accurate and versatile type of filler available. It is suitable for handling a wide variety of semi-viscous and High Viscous products.

Volumetric piston is used when a consistent, accurate volume of product is desired. The Servo driven Piston filling feature allows the operator to adjust the fill volume via touch screen located on the operator interface, and comes standard with recipe recall where you can create, copy, and recall. It is also capable of storing over multiple recipes and has the ability of profile filling using accurate.

Servo driven piston filling machines in order to be used for different filling applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Programmable for multi speed and profile filling cycles
- Fast product changeovers
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable servo control fill volume
- Synchronized variable speed control
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no filling system
- Smooth and accurate container handling
- 100% spillage/drip free
- CIP without open any contact parts
- Fully interlocked guarding for safety
- Designed for easy change-over and cleaning.
- Synchronized variable speed control
- Piston-syringe size/volume is tailored as per requirement in fill volume

12X12 HEAD SERVO BASED PISTON FILLING MACHINE



www.shreejiflowtech.com

Description

The horizontal servo volumetric piston is one of the most accurate and versatile type of filling system. It is suitable for handling a wide variety of semi-viscous and High Viscous products.

Volumetric piston is used when a consistent, accurate volume of product is desired. The Servo driven Piston filling feature allows the operator to adjust the fill volume via touch screen located on the operator interface, and comes with standard recipe, where you can create, copy, and recall. It is also capable of storing over multiple recipes and has the ability of profile filling using accurate.

Servo driven piston filling machines in order to be used for different filling applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Programmable for multi speed and profile filling cycles
- Fast product changeovers
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable servo control fill volume
- Synchronized variable speed control.
- All contact parts are ss-316/peek/PTFE/Teflon/Silicon and non-contact parts SS 304, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products.
- Piston-syringe size/volume is tailored as per requirement in fill volume.
- No bottle no filling system
- Smooth and accurate container handling
- 100% spillage/drip free
- CIP without open any contact parts
- Fully interlocked guarding for safety
- Designed for easy change-over and cleaning.
- Synchronized variable speed control.

16x8 FLOW METER BASED ROTARY FILLING AND P&P CAPPING MACHINE



www.shreejiflowtech.com

Description

Flow Meter filling is the ideal solution for conductive and non-conductive liquids with no moving parts in contact with the product regardless its foaminess or viscosity. The system includes automatic 'Recipes' choice from the Human Machine Interface.

Flow meter filler and capper mono-block are based on conductive or nonconductive liquid is passed through it. Mag flow meters are suitable to handle all products having a minimum level of electrical conductivity of 5 micro Siemens. Mass flow meter are particularly suitable when handling liquid products without electrical conductivity, such as oils, pesticides etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, Reliable construction.
- In feed screw, star, main star, and exit star wheels precisely align each bottle.
- Motorized height adjustment of capping turret.
- No bottle no filling, no bottle no cap release, Outfeed jam machine stop, low cap in maxine machine stop, Auto feeder on/off system, Safety door open machine stop,.
- No moving parts inside the flow meter.
- Pick n place cap transfer to the capping head
- Maintenance free pneumatic gripper type capping head
- Cap feeder auto on/off system preventing cap damage
- CIP at temperatures up to 70°C
- Cappers include fully adjustable cap torqueing head for precise torque control
- Programmable for multi speed and profile filling cycles
- Integrated fault light and alarm to inform operator production error
- Individual nozzle fill volume adjustment by HMI
- All contact parts are SS-316/peek/PTFE/silicon/EPDM and non-contact parts SS 304, MS frame structure with SS cladding
- Precise filling valve for 100% spillage/drip free on bottle neck and shoulder
- Fully interlocked guarding for machine protection safety
- High filling accuracy: ±1%

24x8 GEAR PUMP BASED ROTARY FILLING AND P&P CAPPING MONOBLOCK



www.shreejiflowtech.com

Description

Gear Pump Filling and capper mono block offers flexibility for wide range of liquids with ease of simply. Gear pump fillers are positive displacement pumps with self-priming features. Pumps can fill minimum to maximum fill volume without any mechanical setting by HMI such as a flow meter. Gear Pump filling is a cheaper option of flow meter filling.

Gear Pump Filler is accurately measured the revolutions of the pump and motor assembly. Fill rates can be modulated controlling the motor RPM and running time with guaranteed to result in a clean end to your fill cycle.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction.
- Cam operated bottle lift mechanisms for reliability and long life.
- In feed screw, star, main star, and exit star wheels precisely align each bottle.
- Motorized height adjustment of capping turret.
- No bottle no filling, no bottle no cap release, Outfeed jam machine stop, no cap in chute machine stop, Auto feeder on/off system, Safety door open machine stop.
- 24V BLDC motor operated gear pump.
- Pick n place cap transfer to the capping head
- Maintenance free pneumatic gripper type capping head
- Cap feeder auto on/off system preventing cap damage
- Cappers include fully adjustable cap torqueing head for precise torque control
- Programmable for multi speed and profile filling cycles
- Designed for easy change-over and cleaning.
- Integrated fault light and alarm to inform operator production error
- Individual nozzle fill volume adjustment by HMI
- Synchronized variable speed control.
- All contact parts are SS-316/peek/PTFE/silicon/EPDM/Viton and non-contact parts SS 304, MS frame structure with SS cladding
- Precise filling valve for 100% spillage/drip free on bottle neck and shoulder
- Fully interlocked guarding for machine protection safety
- High filling accuracy: $\pm 1\%$
- CIP at temperatures up to 70°C

30x12 FLOW METER BASED ROTARY FILLING AND ROPP CAPPING MACHINE



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Description

Flow Meter filling is the ideal solution for conductive and non-conductive liquids with no moving parts in contact with the product regardless its foaminess or viscosity. The system includes automatic 'Recipes' choice from the Human Machine Interface.

Flow meter filler and capper mono-block are based on conductive or nonconductive liquid is passed through it. Mag flow meters are suitable to handle all products having a minimum level of electrical conductivity of 5 micro Siemens. Mass flow meters are particularly suitable when handling liquid products without electrical conductivity, such as oils etc.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction
- In feed screw, star, main star, and exit star wheels precisely align each bottle
- Optional Motorized height adjustment of capping turret.
- No bottle no filling, no bottle no cap release, Out feed jam machine stop, no cap in chute machine stop, Auto feeder on/off system, Safety door open machine stop,
- Flow meter on each filling head
- Cap feeder auto on/off system preventing cap damage
- Clutch system in feed worm to avoid bottle damage during operation
- High filling accuracy: $\pm 1\%$
- Precise single track cam to control capping head up and down movement
- Programmable for multi speed and profile filling cycles
- Integrated fault light and alarm to inform operator production error
- Individual nozzle/head fill volume adjustment by HMI
- Synchronized variable speed control.
- All contact parts are SS-316/peek/PTFE/silicon/EPDM and non-contact parts SS 304, MS frame structure with SS cladding
- Lifetime pre lubricated gear motor for Main drive
- Precise filling valve for 100% spillage/drip free on bottle neck and shoulder
- Fully interlocked guarding for machine protection safety
- CIP at temperatures up to 70°C

4 HEAD P&P CAPPING MACHINE



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Description

Specially designed pneumatically operated gripper type pick n place with torque adjustment rotary plastic screw capping machine suitable for screw cap or snap/press fit caps.

Bottles entering the machine are transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads. The rotating head with the cap descends onto the bottle and applies the cap with the desired torque

P&P Capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for protection safety
- Synchronized variable speed control.

4 HEAD ROPP CAPPING MACHINE



www.shreejiflowtech.com

Description

The big advantage of a ROPP capper is that it is sealing the product at the same time it is providing tamper evident security. The neck and threads of the bottle must also be hard enough to withstand the pressure required to form threads such as glass or hard plastic.

Bottles entering the machine are transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads. The rotating head with the cap descends onto the bottle and applies the cap with the desired torque

ROPP Capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for safety
- Synchronized variable speed control.

4 HEAD SCREW CAPPING MACHINES



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Description

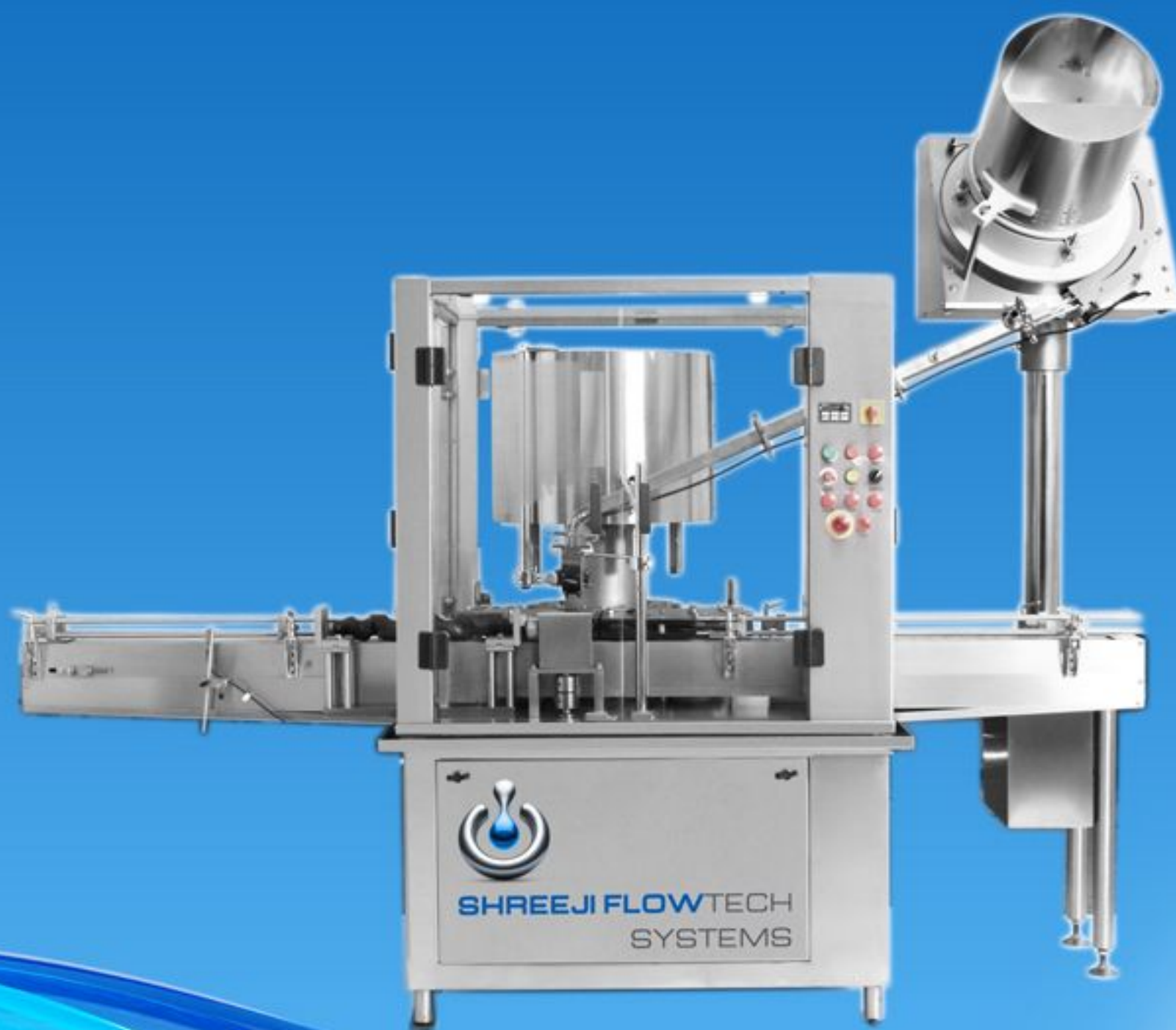
The screw capper applies screw caps to containers with constant rotation head mounted on each capping head. Bottle itself picks cap from the suite and after picking cap Bottles enters in the machine and transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads

Screw capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for protection safety
- Synchronized variable speed control.

8 HEAD CAP PRESSING MACHINE



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Description

Capping Machine is specifically designed for press/snap fit on type caps. This type of closures are majority of them being found for cosmetic or chemical products

The capper applies press/snap fit type caps to containers with pressing head mounted on each capping head. Bottle itself picks cap from the suite and after picking cap Bottles enters in the machine and transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads

Press/Snap fit capping in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. A very broad selection of both standalone Automatic capping machine as well as Mono-block with liquid filling or powder filling systems. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for protection safety
- Synchronized variable speed control.

8 HEAD P&P CAPPING MACHINE



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Description

Specially designed pneumatically operated gripper type pick n place with torque adjustment rotary plastic screw capping machine suitable for screw cap or snap/press fit caps.

Bottles entering the machine are transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads. The rotating head with the cap descends onto the bottle and applies the cap with the desired torque

P&P Capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. A very broad selection of both standalone Automatic capping machine as well as Mono-block with liquid filling or powder filling systems. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence
- Fully interlocked guarding for protection safety
- Synchronized variable speed control

8 HEAD ROPP CAPPING MACHINE



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Description

The big advantage of a ROPP capper is that it is sealing the product at the same time it is providing tamper evident security. The neck and threads of the bottle must also be hard enough to withstand the pressure required to form threads such as glass or hard plastic or PET.

ROPP Capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. A very broad selection of both standalone Automatic capping machine as well as Mono-block with liquid filling or powder filling systems. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for safety
- Synchronized variable speed control.

12 HEAD VIAL CAPPING MACHINE



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Description

Fully automatic capper using single spinning roller as the sealing mechanism. The gravity fed vibratory bowl for accurate feeding of seals. As the star wheel indexes, the stoppered vials pass under the cap feed, pick a cap and vials progress to the capping station. The spinning roller rolls the skirt into place. The star wheel now indexes the vial onto the discharge conveyor.

Capping machine with maximum variable speed of 400 vials per minute. We provide both stand alone bottle capping machines & cappers integrated into a monoblock as well as in a complete line.

Key Features

- 1 head to 16 head capping system or more
- Output speed up to max 400bpm or more
- Multiple adjustments without the need to stop the machine
- Fast product changeovers
- Integrated fault alarms
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Optional color touch screen with plc for various error message and control system
- No bottle no capping system
- Optional push button height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, and it will start automatically once bottle enter to the in feed conveyor and stop if there is no bottle.
- Fully interlocked guarding.
- Synchronized variable speed control.
- Complete with one set of bottle change parts.

16 HEAD P&P CAPPING MACHINE



www.shreejiflowtech.com

Description

Specially designed pneumatically operated gripper type pick n place with torque adjustment rotary plastic screw capping machine suitable for screw cap or snap/press fit caps.

Bottles entering the machine are transferred to the turret star wheel where they are placed in the star wheel pockets to precisely align them underneath the capping heads. The rotating head with the cap descends onto the bottle and applies the cap with the desired torque.

P&P Capping machine in order to be used for different capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. A very broad selection of both standalone Automatic capping machine as well as Mono-block with liquid filling or powder filling systems. Machines can often be supplied with cap Elevator.

Key Features

- 7" color touch screen with plc for various error message and control system
- Fast product changeovers
- Low power consumption
- Integrated fault light and alarm to inform operator production error
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Motorized height adjustment of capping heads
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in feed worm to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, it will start automatically once bottle enter to the in feed conveyor and stop if bottle absence.
- Fully interlocked guarding for safety
- Synchronized variable speed control.

AUTOMATIC CUP PLACEMENT MACHINE



www.shreejiflowtech.com

Description

The cup applies to containers with pressing belt mounted on cup placement machine. Bottle itself picks cup from the maxine and after entering machine bottle is hold by side conveyor type griping belt and then bottle picks the cup by itself and simultaneously top belt mounted on cup placement machine presses the cup.

Key Features

- Multiple adjustments for different cups & bottles
- Fast product changeovers
- No change part required for bottle size
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin/Teflon/Silicon, MS frame structure with SS cladding
- Adjustable conveyor guide rails to accommodate with different products
- No bottle no cup system
- Unique vibratory feeding systems.
- Smooth and accurate container handling
- Fully interlocked guarding for Filling zone protection safety
- Synchronized variable speed control.

SINGLE HEAD CAPPING MACHINE



www.shreejiflowtech.com

Description

The Single head capper applies ROPP/Screw caps to containers with constant rotating, capping head mounted on capping machine. Bottle itself picks cap from the maxine and after pickup cap bottles enters in the machine and transferred under the capping station for capping operation.

Key Features

- Fast product changeovers
- Accurate and repeatable performance
- All contact parts are SS 304, Delrin, Aluminum, Silicon, PU, MS frame structure with SS cladding Adjustable conveyor guide rails to accommodate with different products
- No bottle no capping system
- Cap Feeder Auto On/Off system preventing cap damage
- Clutch System in star wheel to avoid bottle damage during operation
- Smooth and accurate container handling
- Machine auto on / off system, and it will start automatically once bottle enter to the in feed conveyor and stop if there is no bottle.
- Synchronized variable speed control.

SERVO BASED LINEAR AUGER FILLING MACHINE



www.shreejiflowtech.com

Description

Automatic single or multiple head Servo auger filler suitable to fill various type of free flow or non-free flow powder in to various type of container.

Servo Auger filler systems enable you to achieve precise, repeatable filling cycles. With each fill cycle, the servo accelerates at chosen speed & rotates a selected number of revolutions and stop with repeatable filling and accuracy cycle each time.

Weight base auger filler system are used when a specific, verified, weighed quantity of product is to be dispensed include scales and load cell components to fill an accurate weight.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction.
- Servo auger drive with independent agitator and servo motor.
- No bottle no filling, out feed jam machine stop, Low powder level in hoper machine stop, etc.
- Programmable for multi speed and profile filling cycles
- Multiple adjustment without the need to stop the machine.
- Designed for easy change-over and cleaning.
- Integrated fault light and alarm to inform operator production error
- Individual auger head adjustment for fine tuning.
- All contact parts are SS-316, PTFE and non-contact parts SS 304, MS frame structure with SS cladding
- All product contact parts easy removable for sterilize.
- Adjustable conveyor guide rails to accommodate with different products.
- Pneumatic bottle stopper for smooth and accurate container handling
- Fully interlocked guarding for filling zone protection safety
- High filling accuracy: ± 2 to 3%

ROTARY POWDER FILLING AND P&P or ROPP CAPPING MACHINE



www.shreejiflowtech.com

Description

Servo controls multi piston wheel and a new innovative funnel design. Rotary Fillers & Capper mono-block provides high filling accuracy & product output.

Rotary filling systems operate continuously with product dispensed into funnels traveling on a circular turret with multi-position powder wheel.

Rotary powder filling with option of ROPP or Screw Capping rotary monoblock machine is the ideal GMP solution for filling small to medium scale production with max speed of 120bpm.

Key Features

- 7" color touch screen with plc for various error message and control system
- Rugged, reliable construction
- In feed screw, star, main star, and exit star wheels precisely align each bottle
- Motorized height adjustment of capping turret.
- No bottle no filling, no bottle no cap release, Out feed jam machine stop, no cap in chute machine stop, Auto feeder on/off system, Safety door open machine stop,
- Servo controls multi piston wheel with new innovative funnel design
- Cap feeder auto on/off system preventing cap damage
- Clutch system in feed worm to avoid bottle damage during operation
- Precise single track cam to control capping head up and down movement
- Cappers include fully adjustable cap torqueing head for precise torque control
- Smooth and accurate container handling
- Designed for easy change-over and cleaning
- Integrated fault light and alarm to inform operator production error
- Synchronized variable speed control.
- All contact parts are SS-316/peek/PTFE/silicon/EPDM and non-contact parts SS 304, MS frame structure with SS cladding
- Lifetime pre lubricated gear motor for Main drive
- Tool less adjustable conveyor guide rails to accommodate with different products
- Precise funnel type filling system to reduce spillage of powder on bottle neck and shoulder
- Fully interlocked guarding for machine protection safety

ROTARY LEAFLET (TOP SERVER) PASTING MACHINE



www.shreejiflowtech.com

Description

Leaflet pasting machine is continuous motion system for pasting pre-folded leaflets on the top of the bottles sprayed with hot melt adhesives & vacuum pick system with different models available with max output of 240 bottles per minute on 100cc size bottle.

Key Features

- 7" color touch screen with plc for various error message and control system
- Intermediate motion system for pasting pre-folded leaflets
- Easy Changeover to other bottle size
- Available in entire bottle-lines as well as single standalone machine
- Easy integrated in existing lines
- Unique vacuum pick system
- An easy-to-load horizontal or vertical outsert magazine
- Low level leaflet Sensor
- All parts are SS 304, SS frame structure with cladding and anodized aluminum construction
- Timing screw driver for accurate pasting
- Adjustable to accommodate different leaflet thickness.
- Suitable for different shape and size like round, rectangular and oval
- Product counter
- Fast product changeovers
- Integrated fault alarms
- Accurate and repeatable performance
- No bottle no leaflet system
- Smooth and accurate container handling
- Machine auto on / off system, and it will start automatically once bottle enter to the in feed conveyor and stop if there is no bottle.
- Fully interlocked guarding.
- Synchronized variable speed control
- Hot melt glue spraying system
- Label presence detecting system
- Leaflet presence detection sensor
- Barcode & Pharma code verification system
- Automatic rejection system
- Vision System for printing verification

SINGLE or TWIN HEAD LEAFLET (TOP/SIDE SERTER) PASTING MACHINE



Description

www.shreejiflowtech.com

Leaflets are primarily used by the pharmaceutical and vitamin industries to place literature on top of the caps and side of bottles.

Machine handles glass and plastic bottles, round and rectangular with both metal and plastic caps. and is capable of operating at speeds up to 60 to 140 bottles/min on 100cc size bottle.

Key Features

- 7" color touch screen with plc for various error message and control system
- Pneumatic leaflet pick & place system
- Available in entire bottle-lines as well as single standalone machine
- Can easily be integrated in existing lines
- Unique lift up pick up method
- An easy-to-load vertical outsert magazine
- Low Level Leaflet Sensor
- All parts are contact parts are SS 304, Anodized Aluminum, Silicon & SS frame structure construction with SS cladding.
- No change parts required for different bottle sizes
- Adjustable to accommodate different leaflet sizes.
- Suitable for different shape and size like round, rectangular bottles
- Product counter
- Fast product changeovers
- Integrated fault alarms
- Low air machine stop
- Accurate and repeatable performance
- Multiple adjustments without the need to stop the machine
- No bottle no Leaflet system
- Smooth and accurate container handling
- Fully interlocked guarding.
- Synchronized variable speed control.
- Hot melt glue spraying system
- Label presence detecting system
- Leaflet presence detection sensor
- Barcode & Pharma code verification system
- Automatic rejection system
- Vision System for printing verification
- Leaflet code verification

600BPM HIGH SPEED BALM FILLING LINE



www.shreejiflowtech.com

Description

Automatic High Speed Balm Filling Line with speed of 400 to 600 Products per minute
Line consisting of Empty Tub/Dibbi Feeding having built in Airjet Blowing/Cleaning, Filling, cooling and Capping System.

Key Features

- Automatic Tub/Dibbi Elevator/Feeder attached with Inverter type Twin Track Air Jet Cleaning System. Machine with automatic Elevator or Vibratory type tub/dibbi loading system to feed the Tub/Dibbi continuously.
- Filling machine for 1gm to 10gm filling.
- Fill Weight Accuracy : +/- 1%.
- Machine with 50ltr. Jacketed tank with precise temperature control system
- Transfer conveyor to transfer filled Tub/Dibbis in to cooling tunnel.
- Automatic Chiller Machine for Tub/Dibbi in Stainless Steel Finish with User Friendly Operation system. Machine with steady Temperature System maintain by temperature controller to help fastest cooling of liquid.
- Machine with Conveyor belt system for Tub/Dibbi transfer.
- Machine with fully stainless steel structure with toughened glass safety cover for clear visibility.
- Cooling tunnel operation and temperature is controlled by PLC & HMI.
- Machine is suitable for 12 to 15 Degree temperature.
- Machine with pneumatically operated traffic controlling system to easy convey of filled tub/dibbi from cooling tunnel to capping machine in four track
- Automatic Cap Elevator/Feeder attached with Four Track Cap Feeding System.

8X8 PLUGGING & ROPP CAPPING MACHINE

We have also developed and supplied 8 Head Plugging with 8 Head ROPP Capping Machine 2 in 1 for pharma company or we can design machine as per customers requirement.



SPECIAL PURPOSE MACHINES



MONOBLOCK 24x12x12 Filling-Capping-Labeling

We have developed very special Rotary Monoblock 24x12x12 3 in 1 machine consisting of Liquid Filling, Capping and Labeling in one machine for FMCG company or we can design machine as per customers requirement.



Description

www.shreejiflowtech.com

We offer different types of SPM filling & capping machines in order to be used for different filling & capping applications such as food & beverages, pharmaceutical, pesticides, distilleries, cosmetic, toiletries, personal care, chemical, oil etc. we have a broad selection of both semi-auto/automatic capping machine in which various capping systems such as servo based, pick n place, snap/press fit, screw, ROPP, Aluminum flip-top, rubber stopper, inner plug etc.. Depending on cap type.

The capping machine can operated from a touch screen and is capable of storing over multiple recipes

We have also made and supplied Liquid filling with two capping machine in 16x8x8 in one monoblock 3 in 1 for pharma Company or we can design machine as per customer requirement.



Fully Automatic Machines
with
SMART TECHNOLOGY

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