



**Shiv**  
ENGINEERING

Quality with Confidence

Whatever Your Product,

**IT PACKS!**



Mfg. of Packaging Machinery

[www.shiveng.in](http://www.shiveng.in)



Uneven  
Empty Bottles



Unscrambler  
Machine



Washing Machine  
(Air / Water)



Liquid Filling  
Machine



Capping  
Machine



Labeling or Sleeve Shrink  
Machine



Shrinking  
Machine



## Core Values

We consider our values as extremely important in our existence and form the backbone of our vision and plans. We have vast experience on diverse range of skill sets and Integral Technology. There are 5 core values which act as our DNA – Intellectual Integrity, Enhance Clients Satisfaction, Personal responsibility, Will to Win and Celebrate Hard Work. These values shape our thinking, culture and how we come across to our clients for prompt service to our clients.



## Core Purpose

Building a better future is at the heart of everything we do. This means helping our customers to build faster, safer and with more daring, mindful too of the legacy we leave behind. We want to be proud of the mark we make on the world. We want to build open, trusted and successful relationships with our customers, partners and suppliers. We want to build a company where every team member is valued, grows and does well in their career.



## Innovation

Here we are transforming knowledge into new products and services or new working methods. Innovation stimulates competition and affects our very existence in the world.



## Corporate Vision

Build the best product which is safe and high quality, cause no unnecessary harm, use business to inspire, and implement the quality solution to the client. we will see India in leading position

## Product Application

Pharmaceutical



Dairy



Agriculture



Pesticides



Packaging



Distilleries



Beverages



Food & Oil Industries



Cosmetic



Dyes & Chemical



**Always**  
ready to apply  
**INNOVATIVE** ideas on  
customer's specific  
**REQUIREMENT**

Automatic Packaging Machinery  
are used in several industries  
few of them are mentioned here...

### Why We are?

Our each product is uniquely designed  
for meet client satisfaction. Our  
organization is equipped with all  
advance technology need for  
manufacturing High Quality Product to  
serve the same worldwide.



## Automatic Shrink Sleeve Applicator

- Servo Based Feeder And Cutter Unit
- Fully automatic Machine with Speed Upto 300 BPM  
NO bottle, no sleeve
- Advance Automation for accurate sleeve placement
- PLC controlled HMI for one point setting
- Minimum changeover time
- Synchronized servo motor operated machine
- Suitable for various shape of bottle
- Simplified structure suitable for online steam tunnel
- Durable and highly ant-corrosive construction
- Machine size:1500\*2300\*800 mm

### Optional Feature :

- Label Roll empty alarm
- Sleeve Missing Alarm
- Tower Light
- Online Rejection System
- Online Printer



MODEL	SEASA-100	SEASA-200	SEASA-300
Direction of movement	Left to right		
Power supply	1-phase,230 V,50hz		
Output/min.*	Up to 100	Up to 200	Up to 300
Sleeve material	PVC,PET,PLA,OPS		
Length of sleeve	25mm to 250 mm		
Thickness of sleeve	0.035mm to 0.75mm		
Height of conveyor**	860-900		
Sleeve roll Inner Dia.	≥100mm		
Sleeve roll outer dia.	400 mm l.		
Change parts**	Feed worm 2.Cutter 3.Center piller		
Container size	28mm-120mm,320 mm high max		

\*depends on sleeve Cut size and container \*\*can be supplied as per customer demands Specification can be changed as per customer specific requirements.

Automatic Shrink Sleeve Applicator is high performance machine with optimum Accuracy and productivity.

Whenever you need to pack your product with shrinkable sleeve or PVC sleeves, our Sleeve Applicator comes up in use with advance automation and perfection in every way. The whole structure of Applicator is made from SS-304. It works with Two Synchronized Servo Motors as one in cutter unit and another is for feeder unit for accurate label placement Leads machine to deliver speed of 300 sleeves per minute.

With the industry standards, It's Application is quite large in pharmaceutical, mineral water packaging, breweries, liquor, cosmetic industry, Apart from general machinery features and specs, this machine from SHIV ENGINEERING is completely automatic operation. We also have various models of sleeve applicator so that customer can select speed from 50 to 300 Bottle per minute.

The special features of machine is that we can design and set the mandrel as per your bottle shape as if flat bottle,round type,oval type etc. it is one of the cost effective,fast performing and highly accurate machine for packaging of bottled product.

## Automatic Bottle Unscrambler

We SHIV ENGINEERING feel proud to introduce Bottle Unscrambler used for Feeding of Bottles. It is also called Biggining of Line Machine. Automatic Bottle Unscrambler is the perfect labor-saving component to meet the demands of high-speed bottling lines in a wide range of industries. It is designed to provide a loading solution for empty containers and delivers them to the downstream equipment conveyor in upright condition after orientation. No longer are employees required to manually sort bottles and stand them on a conveyor that is tedious and time-consuming task. Machine provides bottlers with increased efficiency, savings and productivity by achieving speeds up to 300 bottles-per-minute. It can work out for any shape like round, oval, square, etc.



### Salient Feature

- Ss-304 And Anodizing Aluminum Construction
- Totally Enclosed Machines
- Smooth In Feeding In Existing Line
- Automatically Correct Inverted Bottles
- Easy To Operate And Vibration Free
- In-built Product Counter
- No Inverted Bottles Will Go To The Next Machines
- Run With High Speed And Efficiency
- No Need Workers Watching
- Simple In Structure
- Easy To Clean And Maintain

### Optional Features

- Low Level Alarm In Storage Container
- Elevator Speed Control System
- Acrylic Enclosure In Frame
- Online Ionize Air Cleaning
- Accumulation Conveyor Turntable For Unscrambled Bottles
- Online Container Testing
- Online Labeling

Model	SVHBU
Direction of Movement	Left to Right
Output/Min.*	Up to 300
Power Supply	1 Phase, 230V, 50Hz AC Supply
Air Supply	5-6 Bar Regulated Air Supply



## Sticker Labeling Machine

- Automatic Sticker Labeling Machine (Single/double side)
- Salient Features
- SS-304 construction with SS-slat chain conveyor
- Servo Motor control system
- Product sensor Batch and product counter
- No bottles, No labels arrangements
- Automatic Label Length detection system
- Synchronized Motor operations
- High speed and Smooth Operation
- Vibration free label roll unit
- Suitable for round and flat shape bottles
- Suitable for printing devices.
- Optional Features
- Label roll Empty Alarm
- Acrylic cabinet
- Online rejection system
- Online printer
- Tower light indicates status of machine
- Vision inspection system



If You ever wrapped a sticker around any Bottle, Jar or Vials then you most likely know that is not you want to do. In that case our Automatic Sticker Labeling Machine comes up with its capability. Automatic Sticker Labeling Machine is useful in many products for applying sticker on round and flat shape as well. It has high speed from 60 to 240 Bottles per minute depending on label and bottle size. The Machine incorporates PLC and HMI with advance automation with User friendly Sensing system for product and sticker also. It adopts unique single point speed controlling system. In-built automated label length detection system eliminates any need of check and store of label data in memory and verify every time whenever you change the bottle which results in higher production. It has added advantages of Servo Motor operated by Servo drive and PLC which delivers high accuracy with optimum speed.

Model	SEASL-100/200/300
Direction of movement	Left to right
Power supply	1-phase, 230 V, 50hz
Output/min.*	Up to 100, 200, 300



## Volumetric Liquid Filling Machine

- Suitable for use in Cosmetics, Pharmaceuticals, Pesticides, Edible Oil, Lubricants etc.
- Available in GMP model Also
- Built-in Digital Product counter
- Accuracy :  $\pm 1\%$  At one Stroke
- SS-304 elegantly Matt finished machine
- Pneumatic stopping arrangements
- Proximity Sensor for Bottle sensing
- Available with HMI Display arrangement with PLC controlled
- Imported PLC for Better Functionality of H
- No bottle, Machine Stop with indication
- Machine size:2000\*1000\*800 mm

### Optional Feature :

- Nitrogen Flushing
- Floating tank
- Acrylic Cabinet



SEALFM-40/60/80 is works on principal of volumetric filing. Empty Containers moving on S.S. Slat conveyor, stop through settable twin pneumatically operated stopper system below the filling nozzles which is avoid spillage of liquid on container and meantime container accurately filled by filing nozzle that have found wide acceptance in the pharmaceutical, chemical and allied industries.The liquid dose can be easily set by block with a hexagonal bolt fitted below syringes.

Model	SEAFM-100	SEAFM-150	SEAFM-200	SEAFM-250
Direction of movement	Left to right			
Power supply	1-phase,230 V,50hz,3 wire system			
Output/Hour.*	2400 to 3000	3000 to 4500	4800 to 9000	7200 to 10000
No. Of Head	4	6	8	12
Height of conveyor**	860-900			
Change parts**	1.Syringes	2.Nozzels	3.Hose pipes	
Fill size	5ml to 1000ml			

\*depends on sleeve Cut size and container \*\*can be supplied as per customer demands Specification can be changed as per customer specific requirements.



## Automatic Capping machine

- Synchronized motor for conveyor and star wheel
- Bottle jam, Machine stop with Indication
- Special design of Hopper for more storage capacity
- Advance electronics for better performance
- Synchronized star wheel and conveyor
- No bottle sensors optional
- Product size: Up to 1000 ml
- Product Material: PET, GLASS, PE, HDPE
- Machine size: 2000\*600\*1600 mm
- Cap Size: 20 to 30 mm



**Automatic Capping machine** is versatile, high efficient and performance machine. At **Shiv Engineering**, we strive hard towards offering the best Automatic capping machines to our clients. Depending upon your capping requirements, Already filled bottle comes from filling unit and continue towards in feed star wheel which is bring the bottle below the sealing head in the subsequent indexing parts, meanwhile the rotating head picks up the cap which is received through Cap chute from cap filling Bowl, where the body and cap of container placed below, where the sealing head perform the perfect and leak proof sealing. Our bottle ROPP/Screw capping Equipments are available with 1, 4, 6, 8 and 12 heads.

Model	SEACM-100	SEACM-150	SEACM-200	SEACM-250
Direction of movement	Left to right			
Power supply	3-phase, 230 V, 50hz, 4 wire system			
Output/Hour.*	1000 to 3000	2400 to 6000	3600 to 9000	5000 to 12000
No. Of Head	1	4	6	8
Height of conveyor**	860-900			
Change parts**	1. Star Wheel	2. center guide	3. feed worm	
Cap Dia(Screw)	22mm-56mm ca-p	dia., height : 15 mm to 18.3 mm		

## Steam/Heat Shrink Tunnel

- Special design for sleeve shifting issues and wrinkles.
- Allocations of Blower for maximum heat spreading.
- Steam Generator with 4 kg of continue pressure
- Adjustable steam pipes for better Steam flow
- Arrangements of 2-Axis adjustments for high quality finish appearance
- Steam and water collection tray arrangements
- Air blower with exhaust window for Excess steam
- Easy changeover as only need to change Alignment of steam pipes
- SS 304 construction for longer life
- Compatible with round, oval, square bottles.
- Temperature Sensor for Automatic cut-off and overheating
- Advance electronics for optimum operations.
- Machine size:2500\*1000\*800 mm



Steam shrink tunnel is designed for shrink label and temper evident application for middle half and full body sleeve and it manufactured to consistently take on most difficult shrink labeling operation while keeping energy cost low. The high quality and advance technology steam system provides the different steam zones with steam energy . This can vary and controlled by regulating valve. Multiple steam zones adjustable tier manifold direct steam heat where needed to produce a precise,high quality finish appearance of PVC,PETG,OPS,PLA labels and neck bands. Steam zones can be set independently to ensure quality finish regardless of container sizes and shape.

## Automatic Top/bottom Label Applicator machine

- Servo Motor control system
- Product sensor Batch and product counter
- No bottles, No labels arrangements
- Automatic Label Length detection system
- Synchronized Motor and top conveyor operations
- Product size: Up to 1000 ml
- Very smooth and accurate label placement
- Product Material: PET,GLASS, PE,HDPE
- Machine size: 1500\*600\*1500 mm
- Sticker roll Dia: 300 mm
- Sticker roll height: 120 mm



Model	SEHA-60/200/300
Direction of movement	Left to right
Output per minute	100/200/300
Power supply	1-phase,230 V,50 HZ AC supply

## Automatic Liquid Rinsing, Filling, Capping Machine

- Rotary Neck Holding
- Air-blow Conveyor for feeding
- Slat-belt conveyor for Out feed
- Speed-control by AC-drive
- Construction made by stainless steel
- Easy nozzle Cleaning
- Speed-control by AC-drive
- No cap, Machine Stop.
- No bottle, No filling
- Water level sensors
- Feasible for Online Blow molding machine Link
- Compatible with Water as well as fruit juice and Squash which is filled at higher temperature.
- Equipped with Human-Machine Interface controlled by PLC.
- Voltage : 3-Phase, 415V, 50 Hz
- Product size: Up to 1000 ml



MODEL	SERFC-24	SERFC-40	SERFC-60	SERFC-120
Direction of movement	Left to right			
Power supply	3-phase, 230 V, 50hz, 4 wire system			
Output/Hour.*	1000 TO 1440	2000 to 2400	3000 to 3600	6500 TO 7200
No. Of Head	4-4-2	8-8-4	12-12-4	24-24-8
Height of conveyor**	860-900			
Change parts**	1. Star Wheel 2.3. feed worm			
Cap Dia(Screw)	22mm-56mm ca-p dia., height : 15 mm to 18.3 mm			

SERFC-24/40/60/90/120 is Automatic Rinsing filling capping machine for mineral water and juices. It can wash bottle from bottom, fill the bottle with high accuracy after that it passes through capping unit where capping is done.

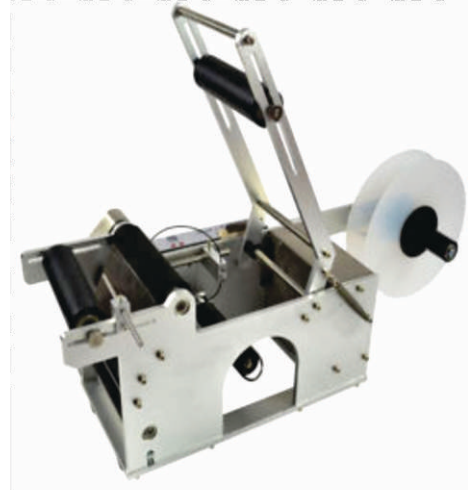
The in-feed star wheel has spring loaded neck gripper fingers, which compensates for minor variation in bottle-neck diameter. The bottles fed by air conveyor are picked by fixed size neck star neck and transferred between grip fingers. Duly rinsed and drained bottles are again picked by star wheel and transferred to filling lifter gripper platform.

## Semi-Automatic Sticker Labeling Machine

SEASL 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 product capacity for light industry.

SEASL can apply label up to 160mm in width to product of variable diameter from a minimum of 25 mm to a maximum of 110 mm

SEASL 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 adhesive has occurred. The sliding ball guides permit precision labeling, significantly facilitating manual product positioning operation.



### Salient Features

- Compact in size
- Table top application
- Consisting in M.S. Powder coating Construction
- Most User friendly And almost maintenance free
- Very smooth and vibration free operation
- Suitable for round bottle

### Optional features

- Online printer
- SS-304 constructed body

SESAFM is working on volumetric principle with diving nozzles. This Economic, compact and versatile model is generally used in small and medium industry.

SESAFM is sturdy welded steel frame completely enclosed with SS-304 sheet and doors are facilitate the servicing of machine easily. Container have to place one by one manually below the filling Nozzles at platform of machine. The motor Operated syringes fill desire pre set volume in container, bottle guide are provided for precisely match for centering of container below nozzles to avoid spillage of liquid on container. The dosing block with hexagonal bolt fitted below syringes. this means fill size can easily set.

### Salient features

- Semi automatic with filling range of 5 ml to 1000 ml.
- Accuracy +/- 1% in single dose
- Body covered with SS-304
- All contact parts made up from SS-316
- A unit to fill various of liquid and can be used for wide range of container
- Minimum Changeover time from one size to another size





Shiv Engineering has achieved the honors for the  
**“Best Performance Machinery”**  
in following companies.

**Rasna**<sup>®</sup>



**PATANJALI**<sup>®</sup>

**Amit**  
Pomeg-Tech | Healthy World of Pomegranate

**Man Pasand**

 **Shiv**  
ENGINEERING

Mfg. of Automatic & Semi - Auto Packaging Machines.

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