



KAHAN INTERNATIONAL

A Complete Packaging Solution



FILLING

CAPPING

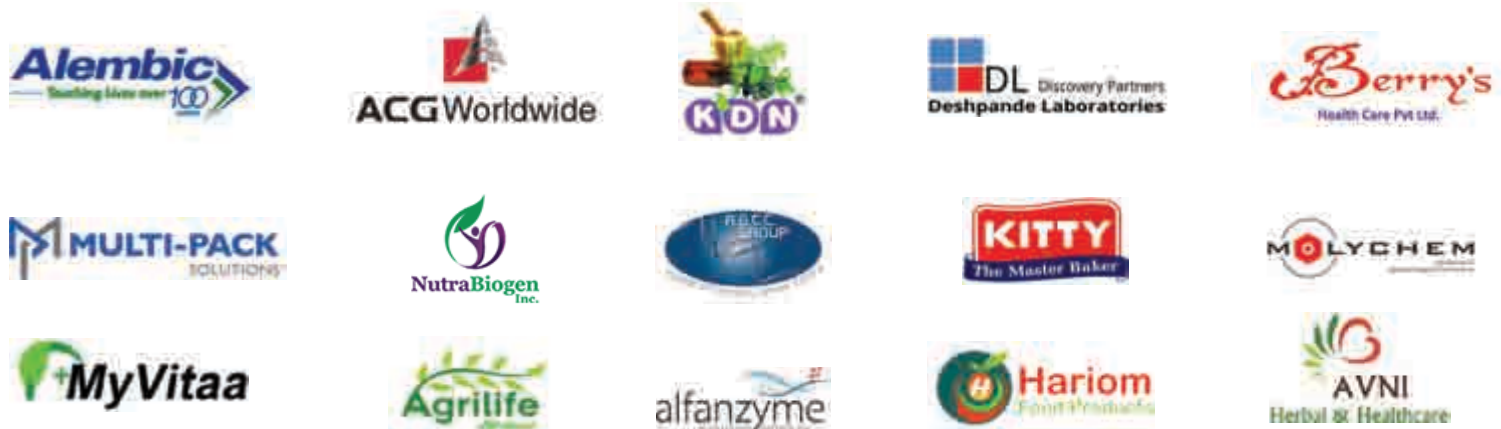
LABELING

SEALING

WHAT OUR **PRODUCT** DOES



We provide packaging machine for pharmaceutical, food, cosmetics, beverages and various other industries. Checkout our clients below



ABOUT US

We are one of the leading manufacturer and exporter of packaging machine for pharmaceutical, food, cosmetic, beverages and various other industries. It was founded with a mission to meet challenges in industry with solutions made by Innovation, Ability and Experience.

We provide our technical staff with the latest research facilities and a creative environment, in which they can transform abstract ideas into concrete designs.

In-house computer design facility with 3D modeling and production planning system facilitates us to deliver quality and cost effective equipment's with shorter delivery time.

We have suitable design of our products which are globally accepted, have superior quality which delivers steady performance. There is no compromise on any aspect of quality or service linked to the final product.

WE ARE GLOBAL EXPORTERS

EXPORT TO 20+ COUNTRIES



AUSTRALIA



GREECE



SOUTH AFRICA



MEXICO



BANGLADESH



IRAQ



TANZANIA



MAURITIUS



CANADA



UAE



USA



MALAYSIA



GERMANY



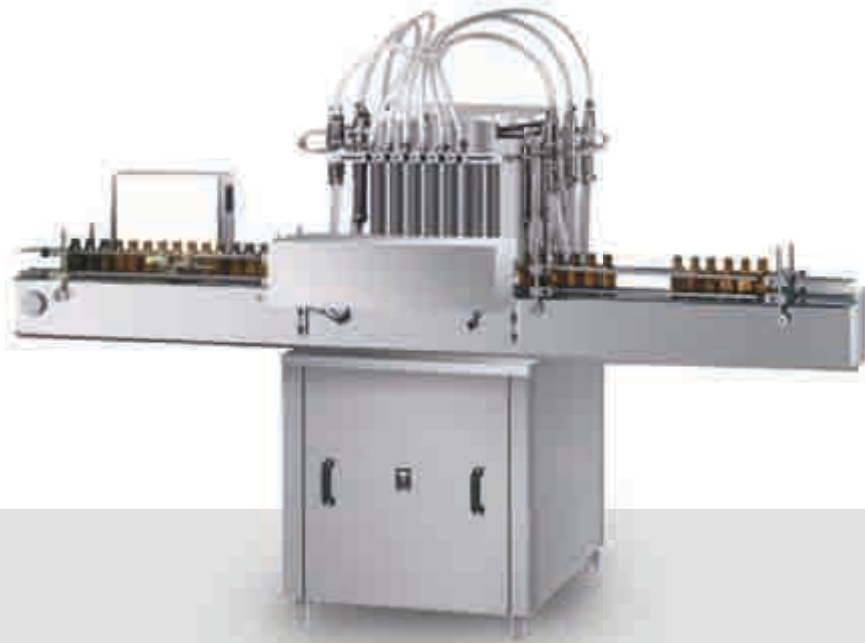
MALAWI



UK



NEPAL



FILLING MACHINES

LIQUID FILLING MACHINE - VOLUMETRIC FILLING MACHINES

We specialized in manufacturing liquid filling machine with drip-proof nozzles which delivers accurate fill volume. Our model KI-SLF is low cost 2 head semi-automatic filling machine which gives an output up to 20 BPM. Our model KI-ALF (Automatic liquid filling machine) includes 4 head to 12 head models with an output up to 150 BPM for a filling range from 2 ml up to 1000 ml size. We also offer servo motor based filling system with PLC and HMI. We are capable of delivering special twin track conveyor system for higher speed.

- Machines are designed and developed as per cGMP guidelines.
- All contact parts are SS 304 / SS 316 or SS 316L as per need.
- Capable of filling in different shape and size of bottles, vials, jars, tin containers.
- Silicon tubes for injectable liquids.
- No bottle / vial – No fill system.
- SS slat chain conveyor with up to 10 feet length.
- Pneumatically operated bottle guide stoppers for the ease of operation.



FILLING MACHINES

PASTE FILLING MACHINE - VOLUMETRIC FILLING MACHINES

We provide filling solutions for all kinds of plain paste as well as paste with suspended particular matter. We specialize in filling viscous, hot products for pharmaceutical, cosmetic, food, healthcare and various other industries. Our model KI-SPBF is the low cost single head semi-automatic paste filler which gives an output up to 20 JPM. Our model KI-APBF (Automatic piston block filler) has 2 head to 12 head models with an output up to 120 JPM. We can also offer servo motor based filling system with PLC and HMI.

- Machines are designed and developed as per cGMP guidelines.
- All contact parts are SS 316 or SS 316L as per FDA guidelines.
- Capable of filling viscous as well as hot products with jacketed system.
- Capable of filling plain paste & paste with suspended particular matter. For eg: creams, ointments, gravy, pickles, chyawanprash, etc.
- No bottle / jar – No fill system.
- SS slat chain conveyor up to 10 feet of length.
- The pneumatic controlled components are from world renowned manufacturers for fail safe operations.



FILLING MACHINES

TIMER/WEIGHMETRIC BASED FILLING MACHINE

There are different ways of filling liquid or paste into containers. It can be gravity based filling, peristaltic pump based filling or servo pump based filling machines. In **gravity filler**, once the weigh scale reaches the desired weight, it shuts off the nozzle. In **peristaltic pump filler**, the number of rotation we set in PLC accordingly the liquid gets filled up. In **servo pump filler**, depending upon the flow rate and density, the timer is set in PLC and the container is accurately filled.

- Machines are designed and developed as per cGMP guidelines.
- All contact parts are SS 304 / SS 316 or SS 316L as per need.
- Capable of filling in different shape and size bottles, jars, tin containers.
- Silicon tubes in contact in peristaltic pump based filling system for highly corrosive products.
- Foot switch based operation in semi-automatic model and No bottle / jar – No fill system in automatic models.
- Fill volumes from 2 ml up to 200 litres.
- The electric controlled components are from world renowned manufacturers for fail safe operations.



FILLING MACHINES

LEVEL BASED FILLING MACHINE

Level fillers are widely used in beverages industries where the liquids are filled up to a fix level in all bottles. We offer different ways in level based filling such as gravity fillers which are low cost, vacuum fillers which are quick and each nozzle is independent to operate and overflow fillers which are the best solution for level based filling. Semi-automatic as well as automatic models available based on the speed required by the customers with a maximum output up to 150 BPM.

- Machines are designed and developed as per cGMP guidelines.
- All contact parts are SS 304 / SS 316 or SS 316L as per need.
- Capable of filling products like liquors, ketchup, oils, etc.
- These models are specially preferred to fill the products up to equal level into bottles / containers.
- Tanks as well as pumps of different capacities are integrated.
- All controlled components are from world renowned manufacturers for fail safe operations.
- Foot switch based operation in semi-automatic model and No bottle / jar – No fill system in automatic models.

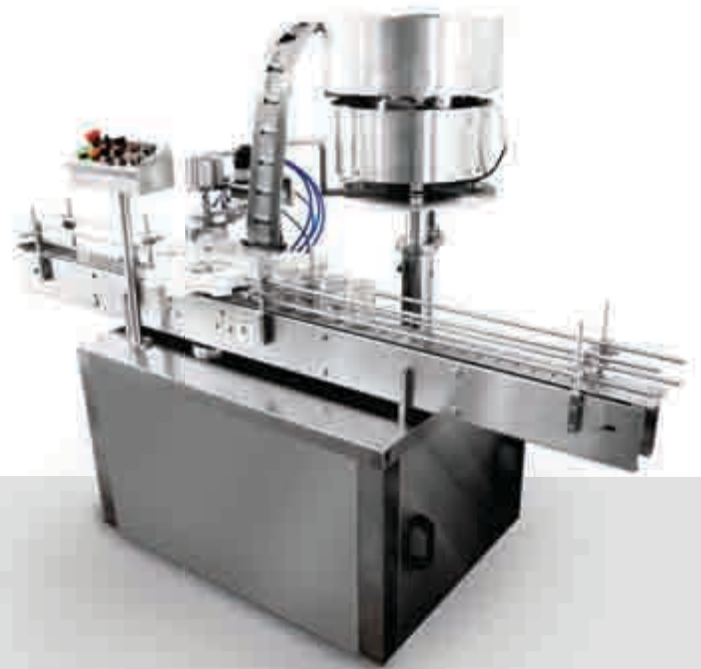


CAPPING MACHINES

SCREW CAPPING MACHINE

Our screw capping machine is compact, quality assured and delivers perfect sealed result. Our models KI-STSC and SHSC are the low cost manual and semi-automatic machine with an output of up to 10-25 bottles per minute. Our model KI-ASC (Automatic screw capping machine) includes 1 head to 8 head models for up to 120 bottles per minute for different shape and size of bottles and caps.

- All non-contact will be SS / hard chromed as per cGMP guidelines.
- No bottle – No capping system.
- Automatic synchronization of conveyor, turret and star wheel on a single motor mechanism.
- Magnetic head (torque adjuster) provided which neither damages cap nor will over tighten.
- Easy change over parts (star plate and guide) with change in shape and size of the bottle.
- Vibratory bowl / gear feeder system for automatic cap pick up arrangement designed as per cap size.
- Safety clutch system for automatic stoppage of machine in case of jamming of bottle.
- Features such as variable speed control with PLC and HMI, safety cabinet offered on request.



CAPPING MACHINES

LUG CAPPING MACHINE

Lug capping machine is widely used in food Industries, where lug caps are applied to glass bottles and jars. Models KI-STLC and SHLC are low cost semi-automatic models with an output of up to 15 jars per minute. Our model KI-ALC (Automatic lug capping machine) includes 1 head to 8 head models with an output up to 100 jars per minute.

- Machines are designed and developed as per cGMP guidelines.
- No bottle – No capping system.
- Automatic synchronization of conveyor, turret and star wheel on a single motor mechanism.
- Pneumatic as well as motorized models available as per the type of bottle and cap.
- Easy change over parts (star plate and guide) with change in shape and size of the bottle.
- Vibratory bowl system for automatic cap pick up arrangement designed as per cap size.
- Safety clutch system for automatic stoppage of machine in case of jamming of bottle.
- Features such as variable speed control with PLC and HMI, safety cabinet offered on request.



CAPPING MACHINES

ROPP CAP SEALING MACHINE

We specialize in manufacturing compact, quality assured and perfect sealed ropp cap sealing machine. Our models KI-SPRC and SHRC are the low cost semi-automatic machine with an output of up to 18-25 bottles per minute. Our model KI-ARC (Automatic ropp capping machine) includes 1 head up to 8 head models which delivers up to 120 bottles per minute for different shape and size of bottles and caps.

- All non-contact parts will be SS / hard chromed as per cGMP guidelines.
- No bottle – No capping system.
- Automatic synchronization of conveyor, turret and star wheel on a single motor mechanism.
- Quick changeover parts as per different size of bottles with minimum use of tools.
- Safety clutch system for automatic stoppage of machine in case of jamming of bottle.
- Four roller head system for threading and sealing.
- Sturdy design and vibration free operation of the machine.
- Features such as variable speed control with PLC and HMI, safety cabinet provided offered on request.



CAPPING MACHINES

CROWN CAPPING MACHINE

Crown capping machine is widely used in liquor, food and beverages industries, where crown caps are of universal standard size applied to glass bottles. Models KI-STCC and SHCC are low cost semi-automatic models with an output of up to 15 jars per minute. Model KI-ACC (Automatic crown capping machine) includes 1 head to 8 head models with an output of up to 100 jars per minute.

- All non-contact parts will be SS / hard chromed as per cGMP guidelines.
- No bottle – No capping system.
- Automatic synchronization of conveyor, turret and star wheel on a single motor mechanism.
- Cap holding system with the help of magnet in the head.
- Pneumatic as well as motorized models available as per speed required.
- All controlled components are from world renowned manufacturers for fail safe operations.
- Safety clutch system for automatic stoppage of machine in case of jamming of bottle.
- Features such as variable speed control with PLC and HMI, safety cabinet offered on request.



LABELING MACHINES

ROUND BOTTLE STICKER LABELING MACHINE

These machines are capable of applying full / partial wrap around self-adhesive label precisely on round shape bottles, jars, vials and ampoules. Our model KI-SRSL is low cost semi-automatic machine with an output up to 15 BPM. Our model KI-ASRL (Automatic sticker labeling machine) gives output up to 300 BPM depending on the product and label size. We offer stepper based as well as servo motor based label dispensing unit as per the speed requirement.

- Machines are designed as per cGMP guidelines with all non-contact parts SS / hard chromed.
- No bottle – No labeling system.
- Suitable for round containers – glass, pet, hdpe, plastic, tin, etc.
- Leuze make label gap sensor for accurate label releasing mechanism.
- Separate drive for bottle separator to release the bottle one by one after certain time interval.
- Separate drive for label applicator belt to adjust the up and down movement as per the label position.
- Safety cabinet, batch coder/Inkjet printer, No label - bottle rejection system optional offered.
- PLC with HMI system offered on request.



LABELING MACHINES

FLAT BOTTLE LABELING MACHINE (SINGLE AND DOUBLE SIDED)

These machines are capable of applying one, two or more front / back self-adhesive labels on different size of flat / elliptical shape containers. Our Model KI-SSFL is low cost semi-automatic machine with an output up to 15 BPM. Our models KI-ASFL1 and ASFL2, Automatic single side and both side (front and back) sticker labeling machine gives an output up to 300 BPM depending on the container and label size. We provide stepper based as well as servo motor based label dispensing unit depending on the speed requirement.

- Machines are designed as per cGMP guidelines with all non-contact parts SS / hard chromed.
- No bottle – No labeling system.
- Suitable for flat / oval containers – glass, pet, hdpe, plastic, tin, etc.
- Leuze make label gap sensor for accurate label releasing mechanism.
- Both label dispensers operate independently which results in ease of operation.
- Separate drive for bottle separator to release the bottle one by one after certain time interval.
- Safety cabinet, batch coder/Inkjet printer, No label bottle rejection system optional offered.
- PLC with HMI operated system offered on request.



LABELING MACHINES

TOP SIDE LABELING MACHINE

We are engaged in manufacturing top side labeling machine looking at the demand in market with new product packaging designs. Our model KI-ATSL (Automatic top side labeling) gives an output up to 300 BPM depending on the container and the label size. Advanced label dispenser system synchronizes the entire labeler components, allowing the speed to be regulated with a single point and maintaining precise labeling even during start-up, stopping or slow down stages.

- Machines are designed as per cGMP guidelines with all non-contact parts SS / hard chromed.
- No bottle – No labeling system.
- Product runs on SS slat chain conveyor or PVC belt conveyor as per suitability.
- Automatic stacker unit for auto feeding the containers.
- Suitable for round / flat / oval containers – glass, pet, hdpe, plastic, tin, etc.
- Leuze make label gap sensor for accurate label releasing mechanism.
- PLC with HMI system offered on request.
- Sturdy design and vibration free operation of the machine.



LABELING MACHINES

SHRINK LABELING MACHINE

Shrink labeling is employed for shrink sleeve label and tamper evident band application for middle, full body and cap shrink applications. Model KI-AHSL (Automatic heat shrink tunnel) is preferred if there is unavailability of steam and products are moisture sensitive. Model KI-ASSL (Automatic steam shrink tunnel) is preferred when steam is easily available and shrinking of the sleeve is done with steam energy. The flow of steam can be controlled and enables an even shrinking of the sleeve on the product.

- Machines are designed as per cGMP guidelines with all non-contact parts in SS / hard chromed.
- High quality electric heating elements with high convection blowers in heat shrink model.
- Simplified steam manifold and independently adjusted and controlled steam flow in steam shrink model.
- Excess steam exhaust: Air blower with adjustable steam exhaust window with an integrated drip tray and steam collection.
- We offer low speed as well as high speed models as per requirement.
- Suitable for shrinking PVC, PETG, OPS and PLA type labels.
- Customized size conveyor belt offered as per the size of the bottle.



CAPSULE FILLING MACHINES

MANUAL CAPSULE FILLING MACHINE WITH AUTOMATIC CAPSULE LOADER

KI-MCF300, 300 holes manual capsule filling machine is our most popular product. Along with these KI-ACL, Empty capsule loader is widely used in pharmaceutical, ayurveda and herbal Industries for small scale companies, clinics and hospitals. We have premium quality mirror finish and very precise locking system for the capsule size like #000, #00, #0, #0E, #1, #2, #3, #4, #5.

- Machines are made of complete stainless steel material as per cGMP guidelines.
- Available in SS304, SS316 as well as SS 316L contact parts.
- Machines are offered with accessories like 3 no's loading tray, top section, scrapper, nylon brush and allen key set.
- Output: Capsule filling – up to 8000 capsules / hour
Capsule Loader – up to 32,000 capsules / hour
- Each loader machine can feed 3 manual capsule filling machine's total 9 trays of 300 holes.
- No need of electricity for filler machine. Loader runs on either 220V single phase / 440 V three phase or on special request can be 110V single phase.



CAPSULE FILLING MACHINE

AUTOMATIC LAB MODEL CAPSULE FILLING MACHINE

Model KI-ACFLAB (Automatic lab model capsule filling machine) is widely used by laboratories, scientists and process development labs which can fill powder, pellet, tablet and liquid into capsules with an output up to 3000 capsules per hour, suitable for gelatin as well as veg capsules. These machines are designed to resist vibrations occurred during running process. These machines are also supported with anti-vibration pads for dampening the vibrations.

- Machines are designed and developed as per cGMP and CE guidelines.
- Mini compact model with PLC and HMI system.
- All contact parts will be SS 316.
- Inbuilt vacuum generation system by air venturi.
- Filling accuracy within $\pm 3-5\%$ depending upon products. Various product filling combinations, up to three products.
- Any one capsule size change part set provided. Multiple size capsules possible with help of change part set.
- Safety cabinet provided with acrylic guards.



CAPSULE FILLING MACHINES

SEMI-AUTOMATIC CAPSULE FILLING MACHINE

We offer machines as per cGMP guidelines with high degree of automation and higher level of filling weight accuracy. Our models KI-SCF1 and KI-SCF2 are single loader as well as double loader machine with an output up to 32,000 capsules per hour. All processes such as loading, powder filling and locking of capsules are automatic. Operator just needs to manually change the position of tray from one station to another.

- Machines are with PLC and HMI system.
- All contact parts are aluminium / SS 304 / SS 316 as per suitability and requirement.
- Single loader Model – up to 26,000 capsules per hour.
- Double loader Model – up to 32,000 capsule per hour
Any one capsule size change part set provided. Multiple size capsules possible with extra changeover parts.
- 3HP vacuum pump provided for the separation of capsules.
- Separate drive to auger motor, loader motor and filling table.
- No of holes in the capsule loading tray depends on the size of the capsule.



CAPSULE FILLING MACHINES

AUTOMATIC HIGH SPEED CAPSULE FILLING MACHINE

The KI-ACF(Automatic high speed capsule filling machine) series is capable of filling powder, pellets, granules, tablets and liquids with an output up to 1,20,000 capsule per hour having models KI-ACF25, KI-ACF40, KI-ACF90 and KI-ACF120. The KI-ACF series is capable of filling any HGC and HPMC (Veg) capsules of sizes ranging from 000 to 5. Its robust design provides durability while providing accessibility to ease cleaning and validation.

- Machines are designed and developed as per cGMP and CE standards.
- All models are with PLC and HMI system.
- All contact parts will be SS 316.
- Customized dosage combinations can be filled in capsules.
- Machines could integrate with capsule polisher, empty capsule sorter, dust collector and an online checkweigher.
- Intuitive interface with MMI or IPC with 21CFR Part 11 compliance
- Safety cabinet provided with acrylic guards.
- These machines are also supported with anti-vibration pads for dampening the vibrations.



TUBE FILLING AND SEALING

SEMI-AUTOMATIC TUBE FILLING AND SEALING MACHINE

Our model KI-STFS is a low cost solution for tube filling & sealing in which the process is a combination of 2 different machines. The tubes are filled into filler machine and then sealed into sealer machine with an output up to 12 tubes per minute, suitable for both laminated as well as seamless tubes. It's capable of filling paste from 5 grams to 250 grams with diameter of 10 mm to 50 mm with changeover parts. We also offer filling as well as sealing operation on a single structure as a compact model.

- Complete SS structured machines with contact parts in SS 316.
- Machines designed and developed as per cGMP guidelines.
- Shut off nozzle for drip proof filling and hot jaw tube sealing.
- Piston block based filling operation capable of filling viscous paste such as cream, ointment, lotion, toothpaste, hair gel, shaving gel, etc.
- Foot switch operated system for both machines.
- The pneumatic and electric controlled components are from world renowned manufacturers for fail safe operations.
- Quality assurance – Filling accuracy $\pm 1\%$ & sealing leak proof with best quality impression.



TUBE FILLING AND SEALING

AUTOMATIC SINGLE HEAD ROTARY TUBE FILLING MACHINE

Our model KI-ARTF40 is one of the highest selling model which give an output up to 40 to 45 tubes per minute which is capable of filling various hot / cold products into laminated / plastic / aluminium tubes. Total 12 stations into rotary system includes tube loading, tube cleaning, eye mark orientation, tube filling, tube sealing (laminated/plastic) or crimping (aluminium), batch coding, trimming and ejection. Machines are designed with all safety measures such as safety cabinet, key lock, alarms in case of any malfunction.

- Machines are designed and developed as per cGMP guidelines with all non-contact in SS / ENP Plated.
- Fill volume from 5 grams to 250 grams and tube size from 10 mm - 50 mm with changeover parts.
- LEISTER (switzerland) make hot air gun for heating of tubes at high temperature.
- We offer special M FOLD / S FOLD (double fold) in aluminium tubes.
- All pneumatic and electric controlled components are from world renowned manufacturers for fail safe operations.
- Jacketing system integrated for filling hot products.
- Position indicator to indicate the position of syringe for different fill volume.



TUBE FILLING AND SEALING

AUTOMATIC SINGLE HEAD LINEAR TUBE FILLING MACHINE

Our model KI-ALTF60 is mostly used in pharmaceuticals and cosmetic industries which give an output up to 60 tubes per minute which is capable of filling any hot / cold products into laminated/plastic or aluminium tubes. Total 24 stations into linear system includes tube loading, tube cleaning, eye mark orientation, tube filling, gas filling (if needed), tube sealing (laminated / plastic) or crimping (aluminium), batch coding, trimming and ejection. Machines are designed with all safety measures such as safety cabinet, key lock and alarms in case of malfunction.

- Machines are designed and developed as per cGMP guidelines with all non-contact parts in SS/ENP Plated.
- Fill volume from 5 grams to 250 grams and tube size from 10 mm - 50 mm with changeover parts.
- LEISTER (switzerland) make hot air gun for heating of laminated / plastic tubes at high temperature.
- We offer special M FOLD / S FOLD (double fold) in aluminium tubes.
- All pneumatic and electric controlled components are from world renowned manufacturers for fail safe operations.
- Jacketing system integrated for filling hot products.
- Position indicator to indicate the position of syringe for different fill volume.



TUBE FILLING AND SEALING

AUTOMATIC DOUBLE HEAD LINEAR TUBE FILLING MACHINE

Our Model KI-ALTF120 is high speed tube filling machine which give an output up to 120 tubes per minute which is capable of filling any hot / cold products into laminated / plastic or aluminium tubes. It includes total 48 station linear system with each operation double head which delivers double the output. Well-designed sturdy indexing system give vibration free movement of high speed linear system of 48 stations to deliver higher output. These machines can be integrated further with tube cartoning machine if needed.

- Machines are designed and developed as per cGMP guidelines with all non-contact parts in SS / ENP plated.
- Fill volume from 5 grams to 250 grams and tube size from 10 mm - 50 mm with changeover parts.
- LEISTER (switzerland) make hot air gun for heating of laminated / plastic tubes at high temp.
- We offer special M FOLD / S FOLD (double fold) in aluminium tubes.
- All pneumatic and electric controlled components are from world renowned manufacturers for fail safe operations.
- Jacketing system integrated for filling hot products.
- Position indicator to indicate the position of syringe for different fill volume.



SEALING MACHINES

FOIL SEALING MACHINE

Nowadays maintaining a tamper resistant, air tight and leak proof seal on packaged goods is foremost for packagers concerned with preserving the integrity of their products. Foils are sealed on the mouth of the container either with hot jaw sealing or Induction sealing method. Various semi-automatic and automatic models suitable as per the speed requirement (output) required. Different material of containers such as HDPE, PET and plastic has different suitable foil material.

- Machines are developed as per cGMP guidelines with all non-contact parts in SS / hard chromed.
- Output up to 100 BPM is obtained as per the shape and size of container and cap.
- Increases shelf life of the product with the help of seal.
- Capable of sealing foil of diameters from 10 mm up to 120 mm size.
- Rotary as well as linear models offered as per requirement of speed.
- Works on single phase 220V as well as three phase 440V input supply.
- Processes such as automatic cup loading, liquid / paste filling, foil placement, sealing, coding and ejection are done in automatic machines.
- Sturdy design of the machine results into its vibration free operation.



SEALING MACHINES

CUP FILLING AND SEALING MACHINE

Cup filling and sealing machines are widely used in food, dairy and beverages industries. Our model KI-SCFS are semi-automatic machine with an output up to 20 CPM and our model KI-ACFS is automatic rotary machine, single head as well as double head gives an output up to 100 CPM. Process of cup loading, filling, foil placement, sealing, batch coding and ejection are done automatic and suitable to different size of cups with the help of change parts.

- Machines are designed and developed as per cGMP guidelines.
- Volumetric based piston block filler system give accurate fill volume.
- Pneumatically operated filling and vacuum generation system for cups and foil loading.
- The pneumatic and electric controlled components are from world renowned manufacturers for fail safe operations.
- Pencil type heaters integrated for heating the head and temperature controlled by controller.
- Shut off nozzles provided for complete drip proof filling operation.
- Complete rotary system is synchronized on one single motor mechanism.



TURN TABLE MACHINE



ROTARY BOTTLE WASHING MACHINE



AUGER FILLER MACHINE



FILTER PRESS MACHINE



INSPECTION TABLE



STORAGE TANKS


KAHAN INTERNATIONAL

A Complete Packaging Solution

 (+91) 8452953999

 www.kahaninternational.com

 sales@kahaninternational.com

 Gala No 6, Ground Floor, Crescent Industrial Estate, Behind Classic Stripes,
Chinchpada, Waliv Road, Vasai East - 401202, Mumbai, Maharashtra, India.



Scan to Checkout live demo on
our youtube channel

